

Message Implementation Guideline



ORDERS
CONTRL
ORDRSP
ORDCHG
DESADV
REMADV (RCTI)

(Based on the EANCOM 1997 Guideline using
UN/EDIFACT Directory D.96A)

Version 2.0

April 2010



Document Release Notice

This Message Implementation Guide has been created for Harris Scarfe.

Unauthorised access, copy, replication and usage for a purpose other than for which it is intended is prohibited by Copyright Laws.

The holder is responsible for incorporating revisions into his copy of the document and keeping the contents up-to-date.

Table of Contents

DOCUMENT RELEASE NOTICE.....	2
PURPOSE OF THIS IMPLEMENTATION GUIDE.....	4
1 UN/EDIFACT SPECIFICATIONS	5
2 CTLSET INTERCHANGE CONTROL STRUCTURES.....	10
3 HARRIS SCARFE BUSINESS RULES INVOLVED IN ELECTRONIC TRADING	17
4 ORDERS PURCHASE ORDER MESSAGE.....	18
5 CONTRL SYNTAX AND SERVICE REPORT MESSAGE	68
6 ORDCHG PURCHASE ORDER CHANGE REQUEST MESSAGE	102
7 DESADV DESPATCH ADVICE MESSAGE	152
8 REMADV REMITTANCE ADVICE MESSAGE (RCTI).....	193

Purpose of this Implementation Guide

The purpose of this guide is to provide suppliers with the necessary information to enable the implementation of receiving electronic purchase orders from Harris Scarfe.

Who should use this Guide?

This guide is intended for use by Harris Scarfe suppliers to prepare for the implementation of Electronic Data Interchange (EDI) and to assist with application integration, thereby ensuring successful electronic trading to the benefit of all parties.

1 UN/EDIFACT Specifications

1.1 Definition of UN/EDIFACT

UN/EDIFACT: United Nations rules for Electronic Data Interchange for Administration, Commerce and Transport. They comprise a set of internationally agreed standards, directories and guidelines for the electronic interchange of structured data, and in particular that related to trade in goods and services, between independent computerized information systems - EDI systems.

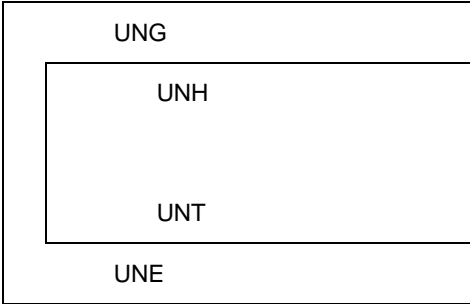
1.2 UN/EDIFACT Syntax

The UN/EDIFACT syntax rules set the standards for structuring data into segments, segments into messages, and messages into an interchange.

1.2.1 Structure of an Interchange

An interchange may consist of the following segments:

Segment ID	Segment Name	Status
UNA	Service String Advice	Conditional
UNB	Interchange Header	Mandatory
UNG	Functional Group Header	Conditional
UNH	Message Header	Mandatory
UNT	Message Trailer	Mandatory
UNE	Functional Group Trailer	Conditional
UNZ	Interchange Trailer	Mandatory



Segments starting with "UN" are called service segments. They constitute the envelope or the "packing" of the EDIFACT messages. User data segments contain the information itself, in a format specific to each message type.

1.2.2 Structure of a Message

Each data segment has a specific place within the sequence of segments in the message. They may occur in any of the following three sections of the message:

- **Heading section** - A segment occurring in this section relates to the entire message.
- **Detail section** - A segment occurring in this section relates to the detail information only.
- **Summary section** - Only segments containing totals or control information may occur in the summary section, e.g. invoice total amount, number of lines in a purchase order, etc.

The same segment type may occur in more than one of the message sections, e.g. in the header and in the detail section, and/or more than once in the same section.

Some segments may be repeated a certain number of times at their specific location in the message. The status, Mandatory or Conditional, and the maximum number of repetitions of segment types are indicated in the message structure.

Within a message, specific groups of functionally related segments may be repeated; these groups are referred to as "segment groups". The maximum number of repetitions of a particular segment group at a specific location is included in the message definition.

A segment group may be nested within other segment groups, provided that the inner segment group terminates before any outer segment group terminates.

1.2.3 Segment Structure

A segment consists of:

- A segment tag: identifies the segment type
- Data element separators
- Simple, composite, or component data elements
- A segment terminator

Data elements can be defined as having a fixed or variable length.

A composite data element contains two or more component data elements.

A component data element is a simple data element used in a composite data element.

A data element can be qualified by another data element, the value of which is expressed as a code that gives specific meaning to the data. The data value of a qualifier is a code taken from an agreed set of code values.

1.2.4 Separators

In EANCOM four service characters (extracted from UNOA) have a special meaning and act as the default separators for EANCOM;

	ASCII	HEX	
Apostrophe	'	27	Segment terminator
Decimal Point	.	2E	Decimal Point
Plus sign	+	2B	Segment tag and data element separator
Colon	:	3A	Component data element separator
Question mark	?	3F	Release character; immediately preceding one of the service characters, it restores their normal meaning. E.g. 10? $+$ 10=20 means 10+10=20. Question mark is represented by ??

1.3 UN/EDIFACT Documentation Conventions

1.3.1 Format and Picture of Data Elements

The following conventions apply in the present documentation:

A	alphabetic characters
N	numeric characters
An	alpha-numeric characters
a3	3 alphabetic characters, fixed length
n3	3 numeric characters, fixed length
an3	3 alpha-numeric characters, fixed length
a..3	up to 3 alphabetic characters
n..3	up to 3 numeric characters
an..3	up to 3 alpha-numeric characters

The format and picture of the data elements that will be used by National Parts in the following EDI documents comply with the UN/EDIFACT Standards.

1.3.2 Status indicators

There are five types of status used in the following pages, whether for simple, component or composite data elements. They are listed below and can be identified when relevant by the abbreviations.

MANDATORY	M/U or >>	Indicates that the entity is required and must be sent.
RECOMMENDED	R	Indicates that the entity is advised or recommended.
CONDITIONAL	C	Indicates that the entity must be sent in certain conditions, as defined by the relevant explanatory note.
OPTIONAL	O	Indicates that the entity is optional and may be sent at the discretion of the user.
NOT USED	N/U or X	Indicates that the entity is not used and should be omitted.

1.3.3 Interchange Structure

The interchange structure in an EDIFACT transmission is organized in several grouping levels. The service segments are the envelope of the groups.

The first service segment possible in an interchange is the 'UNA' segment which is used to define the separators being used in the interchange. The second service segment, 'UNB', indicates the beginning of the interchange. The next one, 'UNG', indicates the beginning of a group of messages of the same type, for example invoices. The last service segment, 'UNH', indicates the beginning of a given message. To each beginning service segment corresponds an ending service segment (note, UNA is not a beginning segment).

Service string advice:	UNA
Interchange envelope:	UNB UNZ
Group envelope:	UNG UNE
Message envelope:	UNH UNT

Segment UNA is dependent on the character set being used. National Parts interchanges will not include the UNA segment, as the UN/EDIFACT default character set (A) will be used.

Segments UNG..UNE are Conditional/Optional. These segments will not be sent as standard in this MIG.

1.3.4 Interchange Control Structure (Envelope)

Introduction:

The Service String Advice, UNA, and the service segments UNB to UNZ shall appear in the below stated order in an interchange. There may be several functional groups or messages within an interchange and several messages in a functional group. A message consists of segments.

Pos. No.	Seg. ID	Base Name	User Status	Group Max.Use	Notes and Repeat	Comments
0000	UNA	Service String Advice		O	O	1
0010	UNB	Interchange Header		M	M	1
0020	UNH	Message Header		M	M	1
0030	UNT	Message Trailer		M	M	1
0040	UNZ	Interchange Trailer		M	M	1

2 CTLSET Interchange Control Structures

Introduction:

A message used to exchange service information relating to the use of EDIFACT syntax rules or security. A service message specification contains only service segments.

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Group</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
Used	0010	UNA	Una Service String Advice	C	1		
M	0020	UNB	Interchange Header	M	1		
Not Rec	0030	UNG	Group Header	O	1		
Not Rec	0040	UNE	Group Trailer	O	1		
M	0050	UNZ	Interchange Trailer	M	1		

Segment: **UNA** Una Service String Advice
Position: 0010
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
Purpose: The service string advice shall begin with the upper case characters UNA immediately followed by six characters in the order shown below. The space character shall not be used in positions 010, 020, 040, 050 or 060. The same character shall not be used in more than one position of the UNA.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	UNA1		COMPONENT DATA ELEMENT SEPARATOR	M 1 an1
M	UNA2		DATA ELEMENT SEPARATOR	M 1 an1
M	UNA3		DECIMAL MARK	M 1 an1
M	UNA4		RELEASE CHARACTER	M 1 an1
M	UNA5		REPETITION SEPARATOR	M 1 an1
M	UNA6		SEGMENT TERMINATOR	M 1 an1

Segment: **UNB** Interchange Header
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To identify an interchange.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	S001		SYNTAX IDENTIFIER Identification of the agency controlling the syntax, the syntax level and version number, and the service code directory.	M 1
M		0001	Syntax identifier Coded identification of the agency controlling the syntax, and of the character repertoire used in an interchange. Refer to D.96A.EAN Data Element Dictionary for acceptable code values.	M a4
M		0002	Syntax version number Version number of the syntax. Refer to D.96A.EAN Data Element Dictionary for acceptable code values.	M an1
M	S002		INTERCHANGE SENDER Identification of the sender of the interchange.	M 1
M		0004	Interchange sender identification Name or coded identification of the sender of the interchange.	M an..35
O		0007	Identification code qualifier Qualifier referring to the identification code. Refer to D.96A.EAN Data Element Dictionary for acceptable code values.	C an..4
M	S003		INTERCHANGE RECIPIENT Identification of the recipient of the interchange.	M 1
M		0010	Interchange recipient identification Name or coded identification of the recipient of the interchange.	M an..35
O		0007	Identification code qualifier Qualifier referring to the identification code. Refer to D.96A.EAN Data Element Dictionary for acceptable code values.	C an..4
M	S004		DATE AND TIME OF PREPARATION Date and time of preparation of the interchange.	M 1
M		0017	Date Local date when an interchange or a group was prepared.	M n8
M		0019	Time Local time of day when an interchange or a group was prepared.	M n4
M	0020		INTERCHANGE CONTROL REFERENCE Unique reference assigned by the sender to an interchange.	M 1 an..14
O	S005		RECIPIENT REFERENCE/PASSWORD DETAILS Reference or password as agreed between the communicating partners.	C 1
M		0022	Recipient reference/password Reference or password to the recipient's system or to a third party network as specified in the partners' interchange agreement.	M an..14
O		0025	Recipient reference/password qualifier Qualifier for the recipient's reference or password. Refer to D.96A.EAN Data Element Dictionary for acceptable code values.	C an2
O	0026		APPLICATION REFERENCE Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message type, if all the messages in the interchange are of the same type.	C 1 an..14
O	0029		PROCESSING PRIORITY CODE Code determined by the sender requesting processing priority for the interchange. Refer to D.96A.EAN Data Element Dictionary for acceptable code values.	C 1 a1

O	0031	ACKNOWLEDGEMENT REQUEST	C	1	n1
		Code requesting acknowledgement for the interchange. Refer to D.96A.EAN Data Element Dictionary for acceptable code values.			
O	0032	INTERCHANGE AGREEMENT IDENTIFIER	C	1	an..35
		Identification by name or code of the type of agreement under which the interchange takes place.			
O	0035	TEST INDICATOR	C	1	n1
		Indication that the structural level containing the test indicator is a test. Refer to D.96A.EAN Data Element Dictionary for acceptable code values.			

Segment: **UNG** Group Header
Position: 0030
Group:
Level: 0
Usage: Optional (Not Recommended)
Max Use: 1
Purpose: To head, identify and specify a group of messages and/or packages, which may be used for internal routing and which may contain one or more message types and/or packages.

Dependency Notes: 1 All or None of UNG01 UNG06 UNG07 must be present.

Semantic Notes:

Comments:

Data Element Summary

	Data Element	Component Element	Name	Attributes
O	0038		MESSAGE GROUP IDENTIFICATION Identification of the single message type in the group.	C 1 an..6
O	S006		APPLICATION SENDER IDENTIFICATION Sender identification of for example a division, branch or application computer system/process.	C 1
M		0040	Application sender identification Name or coded identification of the application sender (for example, a division, branch or computer system/process).	M an..35
O		0007	Identification code qualifier Qualifier referring to the identification code. Refer to D.96A.EAN Data Element Dictionary for acceptable code values.	C an..4
O	S007		APPLICATION RECIPIENT IDENTIFICATION Recipient identification of for example a division, branch or application computer system/process.	C 1
M		0044	Application recipient identification Name or coded identification of the application recipient (for example, a division, branch or computer system/process).	M an..35
O		0007	Identification code qualifier Qualifier referring to the identification code. Refer to D.96A.EAN Data Element Dictionary for acceptable code values.	C an..4
O	S004		DATE AND TIME OF PREPARATION Date and time of preparation of the interchange.	C 1
M		0017	Date Local date when an interchange or a group was prepared.	M n8
M		0019	Time Local time of day when an interchange or a group was prepared.	M n4
M	0048		GROUP REFERENCE NUMBER Unique reference number for the group within an interchange.	M 1 an..14
O	0051		CONTROLLING AGENCY, CODED Code identifying a controlling agency. Refer to D.96A.EAN Data Element Dictionary for acceptable code values.	C 1 an..3
O	S008		MESSAGE VERSION Specification of the version and release numbers of all of the messages of a single type in the group.	C 1
M		0052	Message version number Version number of a message type. Refer to D.96A.EAN Data Element Dictionary for acceptable code values.	M an..3
M		0054	Message release number Release number within the current message version number. Refer to D.96A.EAN Data Element Dictionary for acceptable code values.	M an..3
O		0057	Association assigned code Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	C an..6
O	0058		APPLICATION PASSWORD Password to the recipient's division, department or sectional application system/process.	C 1 an..14

Segment: **UNE** Group Trailer
Position: 0040
Group:
Level: 0
Usage: Optional (Not Recommended)
Max Use: 1
Purpose: To end and check the completeness of a group

Dependency Notes:

Semantic Notes:

Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0060		GROUP CONTROL COUNT The number of messages and packages in the group.	M 1 n..6
M	0048		GROUP REFERENCE NUMBER Unique reference number for the group within an interchange.	M 1 an..14

Segment: **UNZ** Interchange Trailer
Position: 0050
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of an interchange.

Dependency Notes:

Semantic Notes:

Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0036		INTERCHANGE CONTROL COUNT The number of messages and packages in an interchange or, if used, the number of groups in an interchange.	M 1 n..6
M	0020		INTERCHANGE CONTROL REFERENCE Unique reference assigned by the sender to an interchange.	M 1 an..14

3 Harris Scarfe Business Rules involved in Electronic Trading

1. Harris Scarfe reserves the right to amend this document from time to time.
2. Harris Scarfe will be sending Purchase orders to their suppliers.
3. All Purchase orders received from Harris Scarfe must be acknowledged within eight business hours with a CONTRL message.
4. Purchase Order Response Message:
 - Suppliers are required to send a Purchase Order Response Message (ORDRSP) within 48 business hours of Harris Scarfe sending the Purchase Order, or Purchase Order Change. The ORDRSP message is to contain all order lines in the original order with appropriate action code for *Accepted, Rejected, & Changed*.
 - For suppliers in transition to developing Purchase Order Response Message (ORDRSP) capabilities, the Supplier is required to validate the Purchase order on receipt, and contact Harris Scarfe within 48 business hours regarding any discrepancies or errors related to the following:
 - Item barcode
 - Item price
 - Quantity
 - Delivery date
 - Delivery location

If no contact is made by a Supplier within 48 business hours of Harris Scarfe sending the order, then Harris Scarfe will consider that the Purchase Order is accepted in its entirety.
5. Harris Scarfe will send a Purchase Order Change (ORDCHG) if the order is cancelled.
6. Suppliers wishing to substitute products must do so by calling Harris Scarfe, not via the Order Response - invalid Item Barcodes should show *Rejected* action code for the lines involved.
7. Harris Scarfe will re-send the same Purchase Order with updated information if there is any change made to the original Purchase Order until the supplier has implemented the Purchase Order Change message.
8. The Purchase Order Types are defined as follows:
 - 220: Harris Scarfe uses 220 for replenishment of basic merchandise.
 - 221: Blanket Order - Reserved for future use.
 - 226: Call-off Order – Reserved for future use.
9. Suppliers are required to process the Purchase order and transmit the Despatch Advice (DESADV) message to Harris Scarfe prior to shipping the goods.

4 ORDERS Purchase Order Message

SEGMENT CLARIFICATION

Heading Section:

UNH Message Header

A service segment starting and uniquely identifying a message. The message type code for the Purchase order message is ORDERS.

Note: Purchase order messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 ORDERS 0052 D 0054 96A 0051 UN

BGM Beginning of Message

A segment by which the sender must uniquely identify the order by means of its name and number and when necessary its function.

DTM Date/Time/Period

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.

Segment Group 1: RFF-DTM

A group of segments for giving references and where necessary, their dates, relating to the whole message e.g. contract number, import/export license number, reservation number.

RFF Reference

A segment identifying the reference by its number and where appropriate a line number within a document.

Segment Group 2: NAD-LOC-FII-SG3-SG4-SG5

A group of segments identifying the parties with associated information.

NAD Name and Address

A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the order. Identification of the seller and buyer parties is mandatory for the order message. It is recommended that where possible only the coded form of the party ID should be specified e.g. The Buyer and Seller are known to each other, thus only the coded ID is required, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.

LOC Place/Location Identification

A segment giving more specific location information of the party specified in the NAD segment e.g. internal site/building number.

Segment Group 7: CUX-PCD-DTM

A group of segments specifying the currencies and related dates/periods valid for the whole order. Currency data may be omitted in national applications but will be required for international transactions.

CUX Currencies

A segment identifying the currencies required in the order e.g. the order currency. A rate of exchange may be given to convert a reference currency into a target currency.

Segment Group 8: PAT-DTM-PCD-MOA

A group of segments specifying the terms of payment applicable for the whole order.

PAT Payment Terms Basis

A segment identifying the payment terms and date/time basis.

Segment Group 9: TDT-SG10

A group of segments identifying the mode and means of transport, location and relevant dates and times for transportation, relating to the whole order.

TDT Details of Transport

A segment specifying the mode, means and identification of the transport for the goods being ordered. If required, the carrier's address should be indicated within the NAD Segment group.

Segment Group 12: PAC-MEA-SG13

A group of segments identifying the packaging, physical dimensions and marks and numbers for goods referenced by the whole order.

PAC Package

A segment specifying the number and type of packages for the whole order e.g. number and type of pallets.

Segment Group 13: PCI-RFF-DTM-GIN

A group of segments specifying the markings and labels on individual physical units.

PCI Package Identification

A segment specifying markings and labels used on individual physical units (packages) described in the PAC segment.

Detail Section:

Segment Group 25: LIN-PIA-IMD-MEA-QTY-PCD-ALI-DTM-MOA-GIN-GIR-QVR-DOC-PAI-FTX-SG26-SG27-SG28-SG29-SG30-SG33-SG34-SG35-SG39-SG45-SG47-SG48-SG49-SG51-SG52

A group of segments providing details of the individual ordered items. This Segment group may be repeated to give sub-line details.

LIN Line Item

A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service ordered. Other product identification numbers e.g. Buyer product number, etc. can be specified within the following PIA segment.

PIA Additional Product Id

A segment providing either additional identification to the product specified in the LIN segment (e.g. Harmonized System number), or provides any substitute product identification.

IMD Item Description

A segment for describing the product or service being ordered as well as product characteristic. This segment should be used for products or services that cannot be fully identified by a product code or article number.

MEA Measurements

A segment enabling the physical measurements of the ordered item to be specified where this is required for full identification of the product. Any measurements must refer to the product in its unpacked form e.g. thickness of plastic film, length, weight, etc.

QTY Quantity

A segment identifying the product quantities e.g. ordered quantity.

GIN Goods Identity Number

A segment providing identity numbers to be applied to the goods being ordered e.g. serial numbers for assembled equipment.

Segment Group 28: PRI-CUX-APR-RNG-DTM

A group of segments identifying the relevant pricing information for the goods or services ordered.

PRI Price Details

A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'price'.

Segment Group 29: RFF-DTM

A group of segments giving references and where necessary, their dates, relating to the line item.

RFF Reference

A segment identifying the reference by its number and where appropriate a line number within a document.

Segment Group 33: LOC-QTY-DTM

A group of segments specifying destination and quantity details for consignments involving multi-destination deliveries.

LOC Place/Location Identification

A segment indicating the location to which part of the consignment is to be delivered.

QTY Quantity

A segment specifying the quantity to be delivered to the identified location.

Segment Group 34: TAX-MOA-LOC

A group of segments specifying tax related information, and when necessary, the location(s) to which that tax information relates.

TAX Duty/Tax/Fee Details

A segment specifying a tax type, category and rate, or exemption, relating to the line item.

Section Control:

UNS Section Control

A service segment placed at the start of the summary section to avoid segment collision.

Summary Section:

MOA Monetary Amount

A segment giving the total amounts for the whole order message.

CNT Control Total

A segment by which control totals may be provided by the sender for checking by the receiver.

UNT Message Trailer

A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

ORDERS Purchase Order Message

Introduction:

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

Heading Section:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>User Attribute</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
M	0030	DTM	Date/Time/Period	M	35		
Rec	0080		Segment Group 1: RFF	C		10	
M	0090	RFF	Reference	M	1		
Must Use	0110		Segment Group 2: NAD-LOC	C		99	
M	0120	NAD	Name and Address	M	1		
D	0130	LOC	Place/Location Identification	C	25		
D	0280		Segment Group 7: CUX	C		5	
M	0290	CUX	Currencies	M	1		
D	0320		Segment Group 8: PAT	C		10	
M	0330	PAT	Payment Terms Basis	M	1		
D	0370		Segment Group 9: TDT	C		10	
M	0380	TDT	Details of Transport	M	1		
Must Use	0450		Segment Group 12: PAC-SG13	C		10	
M	0460	PAC	Package	M	1		
Must Use	0480		Segment Group 13: PCI	C		5	
M	0490	PCI	Package Identification	M	1		

Detail Section:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>User Attribute</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
Used	0930		Segment Group 25: LIN-PIA-IMD-MEA-QTY-GIN-SG28-SG29-SG33-SG34	C		200000	
M	0940	LIN	Line Item	M	1		
Used	0950	PIA	Additional Product Id	C	25		
Used	0960	IMD	Item Description	C	99		
D	0970	MEA	Measurements	C	5		
Must Use	0980	QTY	Quantity	C	10		
Rec	1030	GIN	Goods Identity Number	C	1000		
Must Use	1180		Segment Group 28: PRI	C		25	
M	1190	PRI	Price Details	M	1		
Used	1240		Segment Group 29: RFF	C		10	
M	1250	RFF	Reference	M	1		
Used	1400		Segment Group 33: LOC-QTY	C		9999	
M	1410	LOC	Place/Location Identification	M	1		
Used	1420	QTY	Quantity	C	1		

Rec	1440		Segment Group 34: TAX	C	10
M	1450	TAX	Duty/Tax/Fee Details	M	1

Section Control:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>User Attribute</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
M	2090	UNS	Section Control	M	1		

Summary Section:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>User Attribute</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
Rec	2100	MOA	Monetary Amount	C	12		
Must Use	2110	CNT	Control Total	C	10		
M	2160	UNT	Message Trailer	M	1		

Segment: UNH Message Header
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To head, identify and specify a message.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to head, identify and specify a message.

DE's 0065, 0052, 0054, and 0051: Indicate that the message is an UNSM Purchase Order based on the D.96Adirectory under the control of the United Nations.

DE 0057: Indicates that the message is the EANCOM version 008 of the UNSM Purchase Order.

Example :

UNH+ME000001+ORDERS:D:96A:UN:EAN008'

Data Element Summary

User	Data	Component		
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	0062		MESSAGE REFERENCE NUMBER	M an..14
			Unique message reference assigned by the sender.	
			Senders unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be exactly the same. Sender generated.	
M	S009		MESSAGE IDENTIFIER	M
			Identification of the type, version etc. of the message being interchanged.	
M		0065	Message type identifier	M an..6
			Code identifying a type of message and assigned by its controlling agency.	
			ORDERS Purchase order message	
			Message specifying details for goods or services ordered under conditions agreed between the seller and the buyer.	
M		0052	Message type version number	M an..3
			Version number of a message type.	
			D Draft directory	
			The used EDIFACT-directory is a draft directory.	
M		0054	Message type release number	M an..3
			Release number within the current message type version number (0052).	
			96A Version 96A	
M		0051	Controlling agency	M an..2
			Code identifying the agency controlling the specification, maintenance and publication of the message type.	
			UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)	
			UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).	
>>		0057	Association assigned code	C an..6
			Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	

EAN008

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To indicate the type and function of a message and to transmit the identifying number.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to indicate the type and function of a message and to transmit the identifying number.

DE 1001: When applicable it is recommended to use the more descriptive document name code for an order instead of the general 220 Purchase Order value.

All references other than the document number DE 1004 are in the RFF segment.

DE 1004: It is recommended that the length of document number be restricted to a maximum of 17 characters.

DE 1225: The message function, coded is a critical data element in this segment. It applies to all data indicated in the message. The following definitions apply for the restricted codes:

1 = Cancellation - Message cancelling a previous transmission

7 = Duplicate - A re-transmission involving the same parties, on the specific request of the receiver.

9 = Original - An original transmission of a purchase order.

Example :

BGM+220+128576+9'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C002		DOCUMENT/MESSAGE NAME	C
			Identification of a type of document/message by code or name. Code preferred.	
>>		1001	Document/message name, coded	C an..3
			Document/message identifier expressed in code.	
			220 Order	
			Document/message by means of which a buyer initiates a transaction with a seller involving the supply of goods or services as specified, according to conditions set out in an offer, or otherwise known to the buyer.	
			221 Blanket order	
			Usage of document/message for general order purposes with later split into quantities and delivery dates and maybe delivery locations.	
			226 Call off order	
			Document/message to provide split quantities and delivery	

dates referring to a previous blanket order.

>> 1004 **DOCUMENT/MESSAGE NUMBER** C an..35

Reference number assigned to the document/message by the issuer.

Order Number assigned by document sender

>> 1225 **MESSAGE FUNCTION, CODED** C an..3

Code indicating the function of the message.

1 Cancellation
Message cancelling a previous transmission for a given transaction.

7 Duplicate
The message is a duplicate of a previously generated message.

9 Original
A retransmission involving the same parties, on the specific request of the receiver.

Initial transmission related to a given transaction.

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 1
Usage: Mandatory
Max Use: 35
Purpose: To specify date, and/or time, or period.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to specify the date of the Order and, where required, requested dates concerning the delivery of the goods.

DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in the purchase order message.

Example :

DTM+137:19930830:102'

This example dates the message as the 30th of August 1993.

DTM+64:19931001:102'

DTM+61:19931010:102'

Delivery 'window' showing earliest and latest delivery dates.

DTM+010:19930703:102'

International Orders: despatch from port of loading:

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD	M
			Date and/or time, or period relevant to the specified date/time/period type.	
M		2005	Date/time/period qualifier	M an..3
			Code giving specific meaning to a date, time or period.	
			10 Shipment date/time, requested	
			Date on which goods should be shipped or despatched by the supplier.	
			FOR INTERNATIONAL ORDERS ONLY :	
			Requested Shipment Date at Port of Loading.	
			15 Promotion start date/time	
			Date/time when promotion activities begin.	
			Optional - used to indicate Advertised Date	
			61 Cancel if not delivered by this date	
			Cancel the product ordered if it has not been delivered by this date.	

	64	Delivery date/time, earliest	
		Date identifying a point in time before which the goods shall not be delivered.	
	137	Document/message date/time	
		Date/time when a document/message is issued. This may include authentication.	
		Must use	
>>	2380	Date/time/period	C an..35
		The value of a date, a date and time, a time or of a period in a specified representation.	
>>	2379	Date/time/period format qualifier	C an..3
		Specification of the representation of a date, a date and time or of a period.	
	102	CCYYMMDD	
		Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	

Group: **RFF** Segment Group 1: Reference
Position: 0080
Group:
Level: 1
Usage: Conditional (Advised)
Max Use: 10
Purpose:

Segment Summary

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

Segment: **RFF Reference**
Position: 0090 (Trigger Segment)
Group: Segment Group 1 (Reference) Conditional (Advised)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To specify a reference.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to specify other references which relate to the transmission, for example, contract numbers, price list numbers, etc. The references given at this point are valid for the whole document unless superseded by references at line level.

Example :

RFF+BO:12345678'
 RFF+PD:XY123'
 RFF+SD:1234'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE	M
			Identification of a reference.	
M		1153	Reference qualifier	M an..3
			Code giving specific meaning to a reference segment or a reference number.	
			BO Blanket order number	
			Reference number assigned by the order issuer to a blanket order.	
			PD Promotion deal number	
			Number assigned by a vendor to a special promotion activity.	
			SD Sales department number	
			A reference number identifying a sales department.	
>>		1154	Reference number	C an..35
			Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	

Group: **NAD** Segment Group 2: Name and Address
Position: 0110
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 99
Purpose:

Segment Summary

<u>Attribute</u>	<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
		<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M		0120	NAD	Name and Address	M	1	
D		0130	LOC	Place/Location Identification	C	25	

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

Dependency Notes:

Semantic Notes:

Comments:

Notes:

The NAD segment is used to identify the trading partners involved in the Order process. Identification of the buyer and supplier of goods and services is mandatory in the Order using DE's 3035 and C082. Additionally, the invoicee and delivery party need to be specified if different than the buyers address.

The delivery address given in NAD at header level is the main delivery address for all line items. It can however be overridden at line level by the use of Segment Group 32 LOC/QTY/DTM to indicate split deliveries.

If coded address information can not be used it is recommended to use a structured address (C080 through 3207).

Example :

NAD+ST+1234::92'
 NAD+SU+4012345500000::92'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u> <u>Name</u>	
M	3035	PARTY QUALIFIER	M an..3
		Code giving specific meaning to a party.	
		ST Ship to	
		Identification of the party to where goods will be or have been shipped.	
		SU Supplier	
		Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.	
R	C082	PARTY IDENTIFICATION DETAILS	C
		Identification of a transaction party by code.	
M	3039	Party id. identification	M an..35
		Code identifying a party involved in a transaction.	
X	1131	Code list qualifier	C an..3
		Refer to D.96A Data Element Dictionary for acceptable code values.	
>>	3055	Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list.	
		92 Assigned by buyer or buyer's agent	
		Code assigned by the buyer or buyer's agent.	
X	C058	NAME AND ADDRESS	C
X	C080	PARTY NAME	C
X	C059	STREET	C
X	3164	CITY NAME	C an..35
X	3229	COUNTRY SUB-ENTITY IDENTIFICATION	C an..9
X	3251	POSTCODE IDENTIFICATION	C an..9

D

3207

COUNTRY, CODED

C an..3

Identification of the name of a country or other geographical entity as specified in ISO 3166.

ISO 3166 two alpha code.

Used to denote Country of Origin in International Orders only.

Refer to D.96A Data Element Dictionary for acceptable code values.

Segment: **LOC Place/Location Identification**
Position: 0130
Group: Segment Group 2 (Name and Address) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 25
Purpose: To identify a country/place/location/related location one/related location two.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

FOR INTERNATIONAL ORDERS ONLY :

This segment is used to indicate any location related to the party specified in the NAD segment.

It is recommended that EAN location numbers be used for the identification of all locations.

Example :

LOC+9+541234'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	3227		PLACE/LOCATION QUALIFIER	M an..3
			Code identifying the function of a location.	
			9 Place/port of loading	
			Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are loaded on to the means of transport being used for their carriage.	
R	C517		LOCATION IDENTIFICATION	C
			Identification of a location by code or name.	
R		3225	Place/location identification	C an..25
			Identification of the name of place/location, other than 3164 City name.	
			Denotes Port of Loading	

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

Segment Summary

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

Segment: **CUX** Currencies
Position: 0290 (Trigger Segment)
Group: Segment Group 7 (Currencies) Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To specify currencies used in the transaction and relevant details for the rate of exchange.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

FOR INTERNATIONAL ORDERS ONLY :

This segment is used to specify currency information for the complete order. The CUX segment is mandatory for international exchanges.

When specifying Reference and Target Currencies for international trade, one occurrence of CUX is all that is required. The reference currency is identified in the first occurrence of composite C504, with the target currency specified in the second occurrence of C504. The rate of exchange between the two is detailed in DE 5402.

Example :

CUX+2:AUD+3:USD'

Indicates that the order currency is Pounds Sterling.

Data Element Summary

User <u>Attribute</u>	Data <u>Element</u>	Component <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C504		CURRENCY DETAILS	C
			The usage to which a currency relates.	
M		6347	Currency details qualifier	M an..3
			Specification of the usage to which the currency relates.	
		2	Reference currency	
			The currency applicable to amounts stated. It may have to be converted.	
>>		6345	Currency, coded	C an..3
			Identification of the name or symbol of the monetary unit involved in the transaction.	
			ISO 4217 three alpha.	
			Refer to D.96A Data Element Dictionary for acceptable code values.	
O	C504		CURRENCY DETAILS	C
			The usage to which a currency relates.	
M		6347	Currency details qualifier	M an..3
			Specification of the usage to which the currency relates.	
		3	Target currency	
			The currency which should be used to the target destination of the transaction.	
>>		6345	Currency, coded	C an..3
			Identification of the name or symbol of the monetary unit involved in the transaction.	
			ISO 4217 three alpha.	
			Also denotes Country of Origin for International Orders	

Refer to D.96A Data Element Dictionary for acceptable code values.

Group: **PAT** Segment Group 8: Payment Terms Basis
Position: 0320
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 10
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0330	PAT	Payment Terms Basis	M		1

Segment: **PAT** Payment Terms Basis
Position: 0330 (Trigger Segment)
Group: Segment Group 8 (Payment Terms Basis) Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To specify the payment terms basis.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

FOR INTERNATIONAL ORDERS ONLY :

This segment is used by the issuer of the order to request special payments terms for the current order only.

Example :

PAT+18+4:106::TT'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	4279		PAYMENT TERMS TYPE QUALIFIER	M an..3
			Identification of the type of payment terms.	
			18 Previously agreed upon	
			Payment terms as per those previously agreed upon.	
O	C110		PAYMENT TERMS	C
			Terms of payment code from a specified source.	
M		4277	Terms of payment identification	M an..17
			Identification of the terms of payment between the parties to a transaction (generic term).	
			4 Draft(s) drawn on applicant	
			Draft(s) must be drawn on the applicant.	
O		1131	Code list qualifier	C an..3
			Identification of a code list.	
			106 Incoterms 1980	
			Code to indicate applicable Incoterm (1980 edition) under which seller undertakes to deliver merchandise to buyer (ICC). Incoterms 1990: use 4053 only.	
X		3055	Code list responsible agency, coded	C an..3
			Refer to D.96A Data Element Dictionary for acceptable code values.	
O		4276	Terms of payment	C an..35
			Conditions of payment between the parties to a transaction (generic term).	
			LC Letter of Credit	
			OA Open Account	
			TT Telegraphic Transfer	

Group: **TDT** Segment Group 9: Details of Transport
Position: 0370
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 10
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0380	TDT	Details of Transport	M	1	

Segment: **TDT** Details of Transport
Position: 0380 (Trigger Segment)
Group: Segment Group 9 (Details of Transport) Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: 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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

FOR INTERNATIONAL ORDERS ONLY :

This segment is used to specify transport instructions for the whole Purchase Order, such as requesting an express transport service.

Example :

TDT+20++10'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	8051		TRANSPORT STAGE QUALIFIER	M an..3
			Qualifier giving a specific meaning to the transport details.	
		20	Main-carriage transport	
			The primary stage in the movement of cargo from the point of origin to the intended destination.	
X	8028		CONVEYANCE REFERENCE NUMBER	C an..17
>>	C220		MODE OF TRANSPORT	C
			Method of transport code or name. Code preferred.	
X		8067	Mode of transport, coded	C an..3
		10	Maritime transport	
		30	Road transport	
		40	Air transport	
O		8066	Mode of transport	C an..17
			Method of transport used for the carriage of the goods.	
			Description of transport mode.	

Group: PAC Segment Group 12: Package
Position: 0450
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 10
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0460	PAC	Package	M	1	
	0480		Segment Group 13: Package Identification	C		5

Segment: **PAC Package**
Position: 0460 (Trigger Segment)
Group: Segment Group 12 (Package) Conditional (Required)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To describe the number and type of packages/physical units.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Example :
 PAC+16++CS'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
X	7224		NUMBER OF PACKAGES	C n..8
X	C531		PACKAGING DETAILS	C
O	C202		PACKAGE TYPE	C
			Type of package by name or by code from a specified source.	
>>		7065	Type of packages identification	C an..17
			Coded description of the form in which goods are presented.	
			CS Case	
			A package such as a box.	

Group: **PCI** Segment Group 13: Package Identification
Position: 0480
Group: Segment Group 12 (Package) Conditional (Required)
Level: 2
Usage: Conditional (Required)
Max Use: 5
Purpose:

Segment Summary

<u>Attribute</u>	<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
		<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M		0490	PCI	Package Identification	M	1	

Group: **LIN** Segment Group 25: Line Item
Position: 0930
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 200000
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0940	LIN	Line Item	M	1	
Used	0950	PIA	Additional Product Id	C	25	
Used	0960	IMD	Item Description	C	99	
D	0970	MEA	Measurements	C	5	
Must Use	0980	QTY	Quantity	C	10	
Rec	1030	GIN	Goods Identity Number	C	1000	
	1180		Segment Group 28: Price Details	C		25
	1240		Segment Group 29: Reference	C		10
	1400		Segment Group 33: Place/Location Identification	C		9999
	1440		Segment Group 34: Duty/Tax/Fee Details	C		10

Segment: **LIN** Line Item
Position: 0940 (Trigger Segment)
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To identify a line item and configuration.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to identify the item being ordered.

The detail section of the Purchase Order is formed by a repeating group of segments, always starting with the LIN segment.

Each occurrence of LIN will usually correspond to a different product being ordered.

Example :

LIN+1++541234511115:EN'

Dependency Notes :

DE C212: This composite will only be used for the identification of EAN/UPC codes. If another coding structure is required, e.g. HIBC, then this composite will not be used and the code will be detailed in the PIA segment.

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	1082		LINE ITEM NUMBER	C n..6
			Serial number designating each separate item within a series of articles.	
			Application generated line item reference.	
X	1229		ACTION REQUEST/NOTIFICATION, CODED	C an..3
			Refer to D.96A Data Element Dictionary for acceptable code values.	
D	C212		ITEM NUMBER IDENTIFICATION	C
			Goods identification for a specified source.	
>>		7140	Item number	C an..35
			A number allocated to a group or item.	
			Format n..14	
			EAN-8, UPC-A, EAN-13, or DUN-14 - this is the number of the article being ordered.	
>>		7143	Item number type, coded	C an..3
			Identification of the type of item number.	
			EN International Article Numbering Association (EAN)	
			Number assigned to a manufacturer's product according to the International Article Numbering Association.	

Segment: **PIA Additional Product Id**
Position: 0950
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 25
Purpose: To specify additional or substitutional item identification codes.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to specify additional or substitutional item identification codes such as a buyers, or sellers item number.

1 - Additional Identification - To provide an additional product identification which is of equal importance or significance to the code provided in the LIN segment.

Examples :

PIA+1+4000862141664:IN+12345:ST+BLUE:CL+SML:SZ+HI5:RN'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	4347		PRODUCT ID. FUNCTION QUALIFIER Indication of the function of the product code. 1 Additional identification Information which specifies and qualifies product identifications.	M an..3
M	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	M
>>		7140	Item number A number allocated to a group or item.	C an..35
>>		7143	Item number type, coded Identification of the type of item number. IN Buyer's item number Item number allocated by the buyer of an item.	C an..3
>>	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
>>		7140	Item number A number allocated to a group or item.	C an..35
>>		7143	Item number type, coded Identification of the type of item number. ST Style number Number given to a specific style or form of an article, especially used for garments.	C an..3
>>	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
>>		7140	Item number A number allocated to a group or item.	C an..35
>>		7143	Item number type, coded	C an..3

		Identification of the type of item number.	
		CL Alphanumeric Colour Designation	
		Especially used for garments	
>>	C212	ITEM NUMBER IDENTIFICATION	C
		Goods identification for a specified source.	
>>	7140	Item number	C an..35
		A number allocated to a group or item.	
>>	7143	Item number type, coded	C an..3
		Identification of the type of item number.	
		SZ Alphanumeric Size Code	
		Especially used for garments	
>>	C212	ITEM NUMBER IDENTIFICATION	C
		Goods identification for a specified source.	
>>	7140	Item number	C an..35
		A number allocated to a group or item.	
>>	7143	Item number type, coded	C an..3
		Identification of the type of item number.	
		RN Release/Story	

Segment: **IMD** Item Description
Position: 0960
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: To describe an item in either an industry or free format.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to describe the current line item.

It is recommended that this segment only be used for coded descriptions. Data element 7008 in clear text should only be used when no product code is available or when free-form descriptions are required by trading partners.

If both free-form and coded descriptions are required then the IMD segment must be repeated.

Example :

IMD+F++:::CORN CRISPIES'

Data Element Summary

User	Data	Component	Name	Attributes
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
O	7077		ITEM DESCRIPTION TYPE, CODED Code indicating the format of a description. F Free-form Description of an item provided in free form format.	C an..3
X	7081		ITEM CHARACTERISTIC, CODED Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
R	C273		ITEM DESCRIPTION Description of an item.	C
X		7009	Item description identification Refer to D.96A Data Element Dictionary for acceptable code values.	C an..17
X		1131	Code list qualifier Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
R		7008	Item description Plain language description of articles or products.	C an..35

Segment: **MEA** Measurements
Position: 0970
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Dependent)
Max Use: 5
Purpose: To specify physical measurements, including dimension tolerances, weights and counts.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

FOR INTERNATIONAL ORDERS ONLY :

This segment is used to specify the actual physical dimensions of the product being ordered .

This segment must be used in conjunction with the LIN segment for the precise identification of the ordered product.

Example:

MEA+PD+ABJ+MTQ:1.75'
 MEA+AAI+AAA+KGM:27.65'

The cubic volume of the item being ordered is 1.75 cubic metres, and the weight is 27.65 kilograms.

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	6311		MEASUREMENT APPLICATION QUALIFIER	M an..3
			Specification of the application of the physical measurement used.	
			AAI Item weight	
			Weight at line item level.	
			PD Physical dimensions	
			Specified measurement dimensions refer to physical dimensions of a product material or package.	
R	C502		MEASUREMENT DETAILS	C
			Identification of measurement type.	
R		6313	Measurement dimension, coded	C an..3
			Specification of the type of dimension to be measured.	
			AAA Unit net weight	
			[6160] Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale.	
			ABJ Volume	
			The amount of air space taken up by the entity identified in the 6311 qualifier.	
>>	C174		VALUE/RANGE	C
			Measurement value and relevant minimum and maximum tolerances in that order.	
M		6411	Measure unit qualifier	M an..3
			Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	
			KGM Kilogram	
			MTQ Cubic metre	
>>		6314	Measurement value	C n..18

Value of the measured unit.

Segment: QTY Quantity
Position: 0980
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Required)
Max Use: 10
Purpose: To specify a pertinent quantity.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to specify the total quantity ordered for the current line identified in the LIN segment.

If split deliveries are being used, the quantities for the split delivery are specified in segment group 32. The totals for all quantities expressed in the QTY's at segment group level must equal the value in this QTY segment.

Example :

QTY+21:48'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	C186		QUANTITY DETAILS	M
			Quantity information in a transaction, qualified when relevant.	
M		6063	Quantity qualifier	M an..3
			Code giving specific meaning to a quantity.	
			21 Ordered quantity	
			The quantity which has been ordered.	
M		6060	Quantity	M n..15
			Numeric value of a quantity.	

Segment: **GIN** Goods Identity Number
Position: 1030
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Advised)
Max Use: 1000
Purpose: To give specific identification numbers, either as single numbers or ranges.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment is used to indicate information to be printed on tickets or labels

Example :

GIN+TK+SWING TAG+W09:E9'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	7405		IDENTITY NUMBER QUALIFIER Code specifying the type/source of identity number. TK Ticketing Information	M an..3
M	C208		IDENTITY NUMBER RANGE Goods item identification numbers, start and end of consecutively numbered range.	M
M		7402	Identity number A value given to an object for identification purposes. Ticket Type. Informational only and not printed on the ticket	M an..35
O	C208		IDENTITY NUMBER RANGE Goods item identification numbers, start and end of consecutively numbered range.	C
M		7402	Identity number A value given to an object for identification purposes. Season Code in the form SYY (Season S/W for year YY) Example: W09 (Winter 2009)	M an..35
R		7402	Identity number A value given to an object for identification purposes. Age Code in the form MY (Month A - L and Year) Example: E9 (May 2009)	C an..35

Group: **PRI** Segment Group 28: Price Details
Position: 1180
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Required)
Max Use: 25
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1190	PRI	Price Details	M		1

Segment: **PRI Price Details**
Position: 1190 (Trigger Segment)
Group: Segment Group 28 (Price Details) Conditional (Required)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To specify price information.
Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment details the order price for the current line item.

Examples:
 PRI+AAF:14.58'
 PRI+RTP:25.50'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C509		PRICE INFORMATION Identification of price type, price and related details.	C
M		5125	Price qualifier Identification of a type of price.	M an..3
			AAF Information price, excluding allowances or charges, and taxes The price stated is the net price excluding allowances/charges and excluding taxes. Allowances/charges may be stated for information only.	
			RTP Recommended Retail Price, including taxes	
>>		5118	Price The monetary value associated with a purchase or sale of an article, product or service.	C n..15

Group: **RFF** Segment Group 29: Reference
Position: 1240
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1250	RFF	Reference	M	1	

Segment: **RFF Reference**
Position: 1250 (Trigger Segment)
Group: Segment Group 29 (Reference) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To specify a reference.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This occurrence of the RFF segment is used to identify references associated with the line item. This information may override what is specified in the heading section when the same qualifier is used.

Example :

RFF+SD:1234'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE	M
			Identification of a reference.	
M		1153	Reference qualifier	M an..3
			Code giving specific meaning to a reference segment or a reference number.	
			SD Sales department number	
			A reference number identifying a sales department.	
>>		1154	Reference number	C an..35
			Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	

Group: **LOC** Segment Group 33: Place/Location Identification
Position: 1400
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9999
Purpose:

Segment Summary

<u>Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	1410	LOC	Place/Location Identification	M	1	
Used	1420	QTY	Quantity	C	1	

Segment: **LOC Place/Location Identification**
Position: 1410 (Trigger Segment)
Group: Segment Group 33 (Place/Location Identification) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To identify a country/place/location/related location one/related location two.
Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment is used to identify the location of delivery for a split delivery order.

Example :
 LOC+7+1234::92'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	3227		PLACE/LOCATION QUALIFIER	M an..3
			Code identifying the function of a location.	
			7 Place of delivery	
			Place to which the goods are to be finally delivered under transport contract terms (operational term).	
R	C517		LOCATION IDENTIFICATION	C
			Identification of a location by code or name.	
>>		3225	Place/location identification	C an..25
			Identification of the name of place/location, other than 3164 City name.	
			Store Number as expressed by the buyer	
X		1131	Code list qualifier	C an..3
			Refer to D.96A Data Element Dictionary for acceptable code values.	
>>		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
			92 Assigned by buyer or buyer's agent	
			Code assigned by the buyer or buyer's agent.	

Segment: QTY Quantity
Position: 1420
Group: Segment Group 33 (Place/Location Identification) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: To specify a pertinent quantity.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to indicate the delivery quantity for the delivery location specified in the previous LOC segment. The total of all quantities specified in segment group 32 for the line, must equal the value for the total quantity detailed in the QTY segment at line level.

Example :

QTY+11:14'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M
M		6063	Quantity qualifier Code giving specific meaning to a quantity.	M an..3
			11 Split quantity Part of the whole quantity.	
M		6060	Quantity Numeric value of a quantity.	M n..15

Group: **TAX** Segment Group 34: Duty/Tax/Fee Details
Position: 1440
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Advised)
Max Use: 10
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1450	TAX	Duty/Tax/Fee Details	M	1	

Segment: **TAX** Duty/Tax/Fee Details
Position: 1450 (Trigger Segment)
Group: Segment Group 34 (Duty/Tax/Fee Details) Conditional (Advised)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To specify relevant duty/tax/fee information.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to identify the type and rate of tax that is applicable for the current line item. This segment is only used if the tax rate at line level differs from the rate specified in the header section.

Example :

TAX+7++++:::10.0'

Dependency Notes:

DE C241 and 5305: Tax types and categories will differ from country to country. They are to be defined by national guidelines.

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u> <u>Name</u>	
M	5283	DUTY/TAX/FEE FUNCTION QUALIFIER	M an..3
		Code identifying the function of an duty, tax or fee information.	
		7 Tax	
		Contribution levied by an authority.	
X	C241	DUTY/TAX/FEE TYPE	C
X	C533	DUTY/TAX/FEE ACCOUNT DETAIL	C
X	5286	DUTY/TAX/FEE ASSESSMENT BASIS	C an..15
R	C243	DUTY/TAX/FEE DETAIL	C
		Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	
X		5279 Duty/tax/fee rate identification	C an..7
X		1131 Code list qualifier	C an..3
		Refer to D.96A Data Element Dictionary for acceptable code values.	
X		3055 Code list responsible agency, coded	C an..3
		Refer to D.96A Data Element Dictionary for acceptable code values.	
R		5278 Duty/tax/fee rate	C an..17
		Rate of duty or tax or fee applicable to commodities or of tax applicable to services.	

Segment: **UNS** Section Control
Position: 2090
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To separate header, detail and summary sections of a message.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to separate the detail and summary sections of the ORDERS message.

Example :

UNS+S'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>M</u>	<u>0081</u>	<u>SECTION IDENTIFIER</u>		<u>M a1</u>
			A character identifying the next section in a message.	
		S	Detail/summary section separation	
			To qualify the segment UNS, when separating the detail from the summary section of a message.	

Segment: **MOA** Monetary Amount
Position: 2100
Group:
Level: 1
Usage: Conditional (Advised)
Max Use: 12
Purpose: To specify a monetary amount.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to indicate total amounts for the order.

Example :

MOA+86:15000'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	C516		MONETARY AMOUNT	M
			Amount of goods or services stated as a monetary amount in a specified currency.	
M		5025	Monetary amount type qualifier	M an..3
			Indication of type of amount.	
		86	Message total monetary amount	
			Total monetary value of the complete message.	
>>		5004	Monetary amount	C n..18
			Number of monetary units.	

Segment: **CNT** Control Total
Position: 2110
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 10
Purpose: To provide control total.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to provide message control totals.

Example :

CNT+2:4'

There are four LIN segments in the current message.

Data Element Summary

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

Segment: **UNT** Message Trailer
Position: 2160
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of a message.

Dependency Notes:

Semantic Notes:

Comments:

Notes: The UNT segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.

Example :

UNT+48+ME000001'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	0074		NUMBER OF SEGMENTS IN A MESSAGE	M n..6
			Control count of number of segments in a message.	
			The total number of segments in the message is detailed here.	
M	0062		MESSAGE REFERENCE NUMBER	M an..14
			Unique message reference assigned by the sender.	
			The message reference number detailed here should equal the one specified in the UNH segment.	

5 CONTRL Syntax and Service Report Message

CONTRL Syntax and service report message

Introduction:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>User Attribute</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
M	0010	UNH	Message header	M	1		
M	0020	UCI	Interchange response	M	1		
M	0150	UNT	Message trailer	M	1		

Segment: UNH Message header
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To head, identify and specify a message.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Syntax And Service Report Heading Section
 This segment is used to head, identify and specify a message.
 Example:
 UNH+ME000001+CONTRL:D:3:UN:EAN004'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	0062		MESSAGE REFERENCE NUMBER	M an..14
			Unique message reference assigned by the sender. Senders unique message reference. Sequence number of messages in the interchange. DE 0062 in the UNT will have the same value. Generated by the sender.	
M	S009		MESSAGE IDENTIFIER	M
			Identification of the type, version etc. of the message being interchanged.	
M		0065	Message type identifier	M an..6
			Code identifying a type of message and assigned by its controlling agency. Indicates that the message is a Syntax and Service Report message.	
			CONTRL Syntax and service report message A code to identify the syntax and service report message.	
M		0052	Message type version number	M an..3
			Version number of a message type. D Draft version/UN/EDIFACT Directory Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).	
M		0054	Message type release number	M an..3
			Release number within the current message type version number (0052). 3 Third release, CONTRL message Third release of the service message type CONTRL. Approved and issued as document TRADE/WP.4/R.1186/Rev.1 (including Corr.1) for use with version 2 and 3 of the syntax.	
			Notes: 1. This code shall only be used with the CONTRL message.	
M		0051	Controlling agency	M an..2
			Code identifying the agency controlling the specification, maintenance and publication of the message type. UN UN/CEFACT United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT). EAN Description: UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE),	

Working Party on facilitation of international trade procedures (WP.4).

>>

0057 Association assigned code

C an..6

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

Indicates that the message is an EANCOM version 004 of the Syntax and Service Report message.

EAN004 EAN version control number (EAN Code)

Segment: **UCI** Interchange response
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To identify the subject interchange, to indicate interchange receipt, to indicate acknowledgement or rejection (action taken) of the UNA, UNB and UNZ segments, and to identify any error related to these segments. Depending on the action code, it may also indicate the action taken on the functional groups and messages within that interchange.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to identify the interchange being responded to. The segment may also be used to indicate acknowledgement or rejection of the UNA, UNB and UNZ segments and any errors present in these segments. DE's 0020, S002 and S003: To identify the interchange being responded to these data elements must contain the same values as were specified in the UNB segment of the original interchange.

Example:

UCI+10001+5412345000013:ZZ+5412345000020:ZZ+8'

Interchange number 10001 from the party identified by the Global Location Number GLN 5412345000013 to the party identified by the Global Location Number GLN 5412345000020 has been received.

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0020		INTERCHANGE CONTROL REFERENCE	M an..14
			Unique reference assigned by the sender to an interchange.	
M	S002		INTERCHANGE SENDER	M
			Identification of the sender of the interchange.	
M		0004	Sender identification	M an..35
			Name or coded representation of the sender of a data interchange.	
			Global Location Number GLN - Format n13	
O		0007	Partner identification code qualifier	C an..4
			Qualifier referring to the source of codes for the identifiers of interchanging partners.	
		14	EAN International	
			EAN International, based in Belgium, is an organization of EAN Member Organizations that jointly manages the EAN.UCC System with the Uniform Code Council.	
		ZZ	Mutually Agreed	
M	S003		INTERCHANGE RECIPIENT	M
			Identification of the recipient of the interchange.	
M		0010	Recipient identification	M an..35
			Name or coded representation of the recipient of a data interchange.	
			Global Location Number GLN - Format n13	
R		0007	Partner identification code qualifier	C an..4
			Qualifier referring to the source of codes for the identifiers of interchanging partners.	
		14	EAN International	
			EAN International, based in Belgium, is an organization of EAN Member Organizations that jointly manages the EAN.UCC System with the Uniform Code Council.	

M

0083

ZZ

Mutually Agreed

M an..3

8

Interchange received

Indication of interchange receipt implies that the recipient of the subject interchange: has received the interchange; and acknowledges the parts of the interchange that have been checked in order to assure that the data elements copied into the reporting UCI segment are syntactically correct; and has accepted liability for notifying the sender of acknowledgement or rejection of the other parts of the interchange; and has taken reasonable precautions in order to ensure that the sender is so notified.

Segment: **UNT** Message trailer
Position: 0150
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of a message.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Syntax And Service Report Summary Section
 This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.
 Example:
 UNT+6+ME000001'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0074		NUMBER OF SEGMENTS IN A MESSAGE	M n..6
			Control count of number of segments in a message.	
			The total number of segments in the message is detailed here.	
M	0062		MESSAGE REFERENCE NUMBER	M an..14
			Unique message reference assigned by the sender.	
			The message reference number detailed here should equal the one specified in the UNH segment.	

SEGMENT CLARIFICATION

Heading Section:

UNH Message Header

A service segment starting and uniquely identifying a message. The message type code for the Purchase order response message is ORDRSP.

Note: Purchase order response messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element	0065 ORDRSP	0052 D	0054 96A	0051 UN
--------------	-------------	--------	----------	---------

BGM Beginning of Message

A segment by which the sender must uniquely identify the order response by means of its number and when necessary its function.

DTM Date/Time/Period

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 response date.

Examples of the use of this DTM segment are: Lead times that apply to the whole of the Order response and, if no schedule is to be specified, the delivery date.

The Date/time/period segment within other Segment groups should be used whenever the date/time/period needs to be logically related to another specified data item. e.g. Payment due date is specified within the PAT Segment group.

Segment Group 1: RFF-DTM

A group of segments for giving references and where necessary, their dates, relating to the whole message, e.g. contract number, import/export licence number, reservation number.

RFF Reference

A segment identifying the reference by its number and where appropriate a line number within a document.

Segment Group 3: NAD-LOC-FII-SG4-SG5-SG6

A group of segments identifying the parties with associated information.

NAD Name and Address

A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the order response. Identification of the seller and buyer parties is mandatory for the order response message. It is recommended that where possible only the coded form of the party ID should be specified. e.g. The Buyer and Seller are known to each other, thus only the coded ID is required, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.

Detail Section:

Segment Group 26: LIN-PIA-IMD-MEA-QTY-PCD-ALI-DTM-MOA-GIN-GIR-QVR-DOC-PAI-FTX-SG27-SG28-SG29-SG30-SG31-SG32-SG35-SG36-SG37-SG41-SG47-SG49-SG50-SG51-SG53-SG54

A group of segments providing details of the individual ordered items. This Segment group may be repeated to give sub-line details.

LIN Line Item

A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service ordered. Other product identification numbers, e.g. Buyer product number, etc., can be specified within the following PIA segment.

PIA Additional Product Id

A segment providing either additional identification to the product specified in the LIN segment (e.g. Harmonized System number), or provides any substitute product identification.

IMD Item Description

A segment for describing the product or service being ordered as well as product characteristic. This segment should be used for products or services that cannot be fully identified by a product code or article number.

QTY Quantity

A segment identifying the product quantities e.g. ordered quantity.

Segment Group 30: PRI-CUX-APR-RNG-DTM

A group of segments identifying the relevant pricing information for the goods or services ordered.

PRI Price Details

A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'Unit Price'.

Segment Group 35: LOC-QTY-DTM

A group of segments specifying destination and quantity details for consignments involving multi destination deliveries.

LOC Place/Location Identification

A segment indicating the location to which part of the consignment is to be delivered.

QTY Quantity

A segment specifying the quantity to be delivered to the identified location.

Section Control:

UNS Section Control

A service segment placed at the start of the summary section to avoid segment collision.

Summary Section:

MOA Monetary Amount

A segment giving the total amounts for the whole order response message.

CNT Control Total

A segment by which control totals may be provided by the sender for checking by the receiver.

UNT Message Trailer

A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

ORDRSP Purchase Order Response Message

Introduction:

A message from the seller to the buyer, responding to a purchase order message or a purchase order change request message.

Heading Section:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>User Attribute</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
M	0030	DTM	Date/Time/Period	M	5		
Used	0080		Segment Group 1: RFF	C		1	
M	0090	RFF	Reference	M	1		
Used	0140		Segment Group 3: NAD	C		2	
M	0150	NAD	Name and Address	M	1		

Detail Section:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>User Attribute</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
Must Use	0960		Segment Group 26: LIN-PIA-IMD-QTY-SG30-SG35	C		200000	
M	0970	LIN	Line Item	M	1		
Used	0980	PIA	Additional Product Id	C	1		
Used	0990	IMD	Item Description	C	1		
Must Use	1010	QTY	Quantity	C	1		
Must Use	1240		Segment Group 30: PRI	C		2	
M	1250	PRI	Price Details	M	1		
Used	1460		Segment Group 35: LOC-QTY	C		9999	
M	1470	LOC	Place/Location Identification	M	1		
Must Use	1480	QTY	Quantity	C	1		

Section Control:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>User Attribute</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
M	2150	UNS	Section Control	M	1		

Summary Section:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>User Attribute</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
Used	2160	MOA	Monetary Amount	C	1		
Used	2170	CNT	Control Total	C	2		
M	2220	UNT	Message Trailer	M	1		

Segment: UNH Message Header
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To head, identify and specify a message.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Segment Notes.

This segment is used to head, identify and specify a message.

DE's 0065, 0052, 0054, and 0051: Indicate that the message is a UNSM Purchase Order Response based on the D.96A directory under the control of the United Nations.

DE 0057: Indicates that the message is the EANCOM version 005 of the UNSM Purchase Order Response.

Example :

UNH+ME000001+ORDRSP:D:96A:UN:EAN005'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender. Senders unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be exactly the same. Sender generated.	M an..14
M	S009		MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M
M		0065	Message type identifier Code identifying a type of message and assigned by its controlling agency. ORDRSP Purchase order response message Message from the seller to the buyer, responding to a purchase order message or a purchase order change request message.	M an..6
M		0052	Message type version number Version number of a message type. Refer to D.96A Data Element Dictionary for acceptable code values.	M an..3
M		0054	Message type release number Release number within the current message type version number (0052). Refer to D.96A Data Element Dictionary for acceptable code values.	M an..3
M		0051	Controlling agency Code identifying the agency controlling the specification, maintenance and publication of the message type. UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM) UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).	M an..2
>>		0057	Association assigned code	C an..6

Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.
EAN005

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To indicate the type and function of a message and to transmit the identifying number.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Segment Notes.

This segment is used to indicate the type and function of a message and to transmit the identifying number.

DE 1001: The Purchase Order Response is transmitted by the supplier in response to a previous Purchase Order or Purchase Order Change Request.

All references other than the document number DE 1004 are in the RFF segment.

DE 1004: It is recommended that the length of document number be restricted to a maximum of 17 characters.

DE 1225: The message function, coded is a critical element in this segment. The restricted codes detailed in DE1225 have the following definitions:

4 = Change - The supplier accepts to supply the goods or services requested in the Purchase Order or Purchase Order Change Request, but requires changes to one or more of the items.

27 = Not accepted - The supplier declines to supply the goods detailed in a Purchase Order or Purchase OrderChange Request.

29 = Accepted without amendment - The supplier accepts to supply the goods or services requested according to the terms set out in the Purchase Order or Purchase Order Change Request.

Example :

BGM+231+128569+29'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C002		DOCUMENT/MESSAGE NAME	C
			Identification of a type of document/message by code or name. Code preferred.	
>>		1001	Document/message name, coded	C an..3
			Document/message identifier expressed in code.	
		231	Purchase order response	
			Response to a purchase order already received.	
>>	1004		DOCUMENT/MESSAGE NUMBER	C an..35
			Reference number assigned to the document/message by the issuer.	
			Order Response Number assigned by document sender.	
			Reference to the buyer's Purchase Order number is shown in the RFF segment	

>>

1225

MESSAGE FUNCTION, CODED

C an..3

Code indicating the function of the message.

- | | |
|----|--|
| 4 | Change
Message containing data (e.g. line items, goods items, Customs items, equipment items) to be changed in a previously sent message. |
| 27 | Not accepted
Message to inform that the referenced message is not accepted by the recipient. |
| 29 | Accepted without amendment
Referenced message is entirely accepted. |

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 1
Usage: Mandatory
Max Use: 5
Purpose: To specify date, and/or time, or period.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Segment Notes.

This segment is used to specify dates/times relating to the Purchase Order Response, or if required, dates relating to the delivery or collection of the goods.

DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in the purchase order response message.

Example :

DTM+137:19970830:102'

Data Element Summary

User	Data	Component	Name	Attributes
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD	M
			Date and/or time, or period relevant to the specified date/time/period type.	
M		2005	Date/time/period qualifier	M an..3
			Code giving specific meaning to a date, time or period.	
			10 Shipment date/time, requested	
			Date on which goods should be shipped or despatched by the supplier.	
			FOR INTERNATIONAL ORDERS ONLY :	
			Requested Shipment Date at Port of Loading.	
			15 Promotion start date/time	
			Date/time when promotion activities begin.	
			Optional - used to indicate Advertised Date	
			61 Cancel if not delivered by this date	
			Cancel the product ordered if it has not been delivered by this date.	
			64 Delivery date/time, earliest	
			Date identifying a point in time before which the goods shall not be delivered.	
			Supplier Requested Delivey Date	
			137 Document/message date/time	
			Date/time when a document/message is issued. This may include authentication.	
			Must Use	
>>		2380	Date/time/period	C an..35
			The value of a date, a date and time, a time or of a period in a specified representation.	
>>		2379	Date/time/period format qualifier	C an..3
			Specification of the representation of a date, a date and time or of a period.	
			102 CCYYMMDD	
			Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	

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

Segment Summary

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

Segment: **RFF Reference**
Position: 0090 (Trigger Segment)
Group: Segment Group 1 (Reference) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To specify a reference.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Segment Notes.

This segment is used to refer to the Purchase Order or Purchase Order Change Request to which the Purchase Order Response is responding to.

Example :

RFF+ON:652744'

Data Element Summary

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

Group: **NAD** Segment Group 3: Name and Address
Position: 0140
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 2
Purpose:

Segment Summary

<u>Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0150	NAD	Name and Address	M	1	

Segment: **NAD** Name and Address
Position: 0150 (Trigger Segment)
Group: Segment Group 3 (Name and Address) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Segment Notes.

This segment is used to identify the trading partners involved in the Purchase Order Response. Identification of the buyer and supplier of goods and services is mandatory using DE's 3035 and C082. Additional parties can be identified as a clarification or correction to a previously sent Purchase Order or Purchase Order Change Request.

The delivery address given in NAD at header level is the main delivery address for all line items. It can however be overridden at line level by the use of Segment Group 35 LOC/QTY/DTM to indicate split deliveries.

Example:

NAD+ST+1234::92'
NAD+SU+401234::92'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u> <u>Name</u>	
M	3035	PARTY QUALIFIER	M an..3
		Code giving specific meaning to a party.	
		ST Ship to	
		Identification of the party to where goods will be or have been shipped.	
		SU Supplier	
		Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.	
R	C082	PARTY IDENTIFICATION DETAILS	C
		Identification of a transaction party by code.	
M	3039	Party id. identification	M an..35
		Code identifying a party involved in a transaction.	
X	1131	Code list qualifier	C an..3
		Refer to D.96A Data Element Dictionary for acceptable code values.	
>>	3055	Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list.	
		92 Assigned by buyer or buyer's agent	
		Code assigned by the buyer or buyer's agent.	

Group: **LIN** Segment Group 26: Line Item
Position: 0960
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 200000
Purpose:

Segment Summary

<u>Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0970	LIN	Line Item	M	1	
Used	0980	PIA	Additional Product Id	C	1	
Used	0990	IMD	Item Description	C	1	
Must Use	1010	QTY	Quantity	C	1	
	1240		Segment Group 30: Price Details	C		2
	1460		Segment Group 35: Place/Location Identification	C		9999

Segment: **LIN** Line Item
Position: 0970 (Trigger Segment)
Group: Segment Group 26 (Line Item) Conditional (Required)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To identify a line item and configuration.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Segment Notes.

This segment is used to identify the product being responded to by means of an EAN article number. The detail section of the Purchase Order Response is formed by a repeating group of segments, always starting with the LIN segment.

DE 1229: Action Request, coded, is the critical DE in this segment. The following code value definitions apply:

3 = Changed : The supplier accepts to supply the line item in a purchase order or purchase order change request, but requires one or more changes to the terms set out in the referenced message, as indicated by the data in, and following, the LIN segment. The buyer must acknowledge these requirements by sending a new purchase order or purchase order change request.

5 = Accepted : The supplier accepts to supply the line item in a purchase order or purchase order change request. Though it is not necessary to re-transmit unamended line items or cancellations, this may be done for confirmation.

7 = Not Accepted : The supplier declines to supply the line item in a purchase order or purchase order changerequest.

Example :

LIN+1+3+5412345111115:EN'

Data Element Summary

User	Data	Component		
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	1082		LINE ITEM NUMBER	C n..6
			Serial number designating each separate item within a series of articles.	
			Application generated number of the count of the order response lines.	
>>	1229		ACTION REQUEST/NOTIFICATION, CODED	C an..3
			Code specifying the action to be taken or already taken.	
			3 Changed	
			This line item is changed in the referenced message.	
			5 Accepted without amendment	
			This line item is entirely accepted by the seller.	
			7 Not accepted	
			This line item is not accepted by the seller.	
D	C212		ITEM NUMBER IDENTIFICATION	C
			Goods identification for a specified source.	
>>		7140	Item number	C an..35
			A number allocated to a group or item.	

Format n..14
EAN-8, UPC-A, EAN-13, or DUN-14 - this is the number of the
article being Ordered.

>>

7143 **Item number type, coded** **C an..3**

Identification of the type of item number.

EN	International Article Numbering Association (EAN) Number assigned to a manufacturer's product according to the International Article Numbering Association.
----	---

Segment: **PIA Additional Product Id**
Position: 0980
Group: Segment Group 26 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: To specify additional or substitutional item identification codes.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Segment Notes.

This segment is used to specify additional or substitutional item identification codes such as a buyers, or sellers item number.

1 - Additional Identification - To provide an additional identification for the product previously identified in the LIN segment.

Example:

PIA+1+4000862141664:IN+12345:ST+BLUE:CL+SML:SZ+HI5:RN'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	4347		PRODUCT ID. FUNCTION QUALIFIER Indication of the function of the product code. 1 Additional identification Information which specifies and qualifies product identifications.	M an..3
M	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	M
>>		7140	Item number A number allocated to a group or item.	C an..35
>>		7143	Item number type, coded Identification of the type of item number. IN Buyer's item number Item number allocated by the buyer of an item.	C an..3
>>	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
>>		7140	Item number A number allocated to a group or item.	C an..35
>>		7143	Item number type, coded Identification of the type of item number. ST Style number Number given to a specific style or form of an article, especially used for garments.	C an..3
>>	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
>>		7140	Item number A number allocated to a group or item.	C an..35
>>		7143	Item number type, coded	C an..3

		Identification of the type of item number.		
		CL	Alphanumeric Colour Description	
			Especially used for garments	
>>	C212	ITEM NUMBER IDENTIFICATION		C
		Goods identification for a specified source.		
>>	7140	Item number		C an..35
		A number allocated to a group or item.		
>>	7143	Item number type, coded		C an..3
		Identification of the type of item number.		
		SZ	Alphanumeric Size Code	
			Especially used for Garments	
>>	C212	ITEM NUMBER IDENTIFICATION		C
		Goods identification for a specified source.		
>>	7140	Item number		C an..35
		A number allocated to a group or item.		
>>	7143	Item number type, coded		C an..3
		Identification of the type of item number.		
		RN	Release/Story	

Segment: **IMD** Item Description
Position: 0990
Group: Segment Group 26 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: To describe an item in either an industry or free format.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Segment Notes.

This segment is used to describe the current line item.

It is recommended that this segment only be used for coded descriptions. Data element 7008 in clear text should only be used when no product code is available or when free-form descriptions are required by trading partners.

If both free-form and coded descriptions are required then the IMD segment must be repeated.

Example :

IMD+F++:::CORN CRISPIES'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
O	7077		ITEM DESCRIPTION TYPE, CODED Code indicating the format of a description. F Free-form Description of an item provided in free form format.	C an..3
X	7081		ITEM CHARACTERISTIC, CODED Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
R	C273		ITEM DESCRIPTION Description of an item.	C
X		7009	Item description identification Refer to D.96A Data Element Dictionary for acceptable code values.	C an..17
X		1131	Code list qualifier Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
>>		7008	Item description Plain language description of articles or products.	C an..35

Group: **PRI** Segment Group 30: Price Details
Position: 1240
Group: Segment Group 26 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Required)
Max Use: 2
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1250	PRI	Price Details	M		1

Segment: **PRI Price Details**
Position: 1250 (Trigger Segment)
Group: Segment Group 30 (Price Details) Conditional (Required)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To specify price information.
Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment is used to provide price information for the current line item.

Examples :
 PRI+AAF:14.58'
 PRI+RTP:25.50'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C509		PRICE INFORMATION Identification of price type, price and related details.	C
M		5125	Price qualifier Identification of a type of price.	M an..3
		AAF	Information price, excluding allowances or charges, and taxes The price stated is the net price excluding allowances/charges and excluding taxes. Allowances/charges may be stated for information only.	
		RTP	Retail Trading Price	
>>		5118	Price The monetary value associated with a purchase or sale of an article, product or service.	C n..15

Group: **LOC** Segment Group 35: Place/Location Identification
Position: 1460
Group: Segment Group 26 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 9999
Purpose:

Segment Summary

<u>Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	1470	LOC	Place/Location Identification	M	1	
Must Use	1480	QTY	Quantity	C	1	

Segment: QTY Quantity
Position: 1480
Group: Segment Group 35 (Place/Location Identification) Conditional (Optional)
Level: 3
Usage: Conditional (Required)
Max Use: 1
Purpose: To specify a pertinent quantity.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to indicate the delivery quantity for the delivery location specified in the previous LOC segment. The total of all quantities specified in segment group 35 for the line, must equal the value for the total quantity detailed in the QTY segment at line level.

Example :

QTY+11:14'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M
M		6063	Quantity qualifier Code giving specific meaning to a quantity.	M an..3
			11 Split quantity Part of the whole quantity.	
M		6060	Quantity Numeric value of a quantity.	M n..15

Segment: **UNS** Section Control
Position: 2150
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To separate header, detail and summary sections of a message.
Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment is used to separate the detail and summary sections.

Example :
 UNS+S'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	0081		SECTION IDENTIFIER	M a1
			S	A character identifying the next section in a message. Detail/summary section separation To qualify the segment UNS, when separating the detail from the summary section of a message.

Segment: **MOA** Monetary Amount
Position: 2160
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
Purpose: To specify a monetary amount.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to indicate total amounts for the order response.

Example :

MOA+86:15000'

Data Element Summary

<u>User</u> <u>Attribute</u>	<u>Data</u> <u>Element</u>	<u>Component</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M
M		5025	Monetary amount type qualifier Indication of type of amount.	M an..3
		86	Message total monetary amount Total monetary value of the complete message.	
>>		5004	Monetary amount Number of monetary units.	C n..18

Segment: **CNT Control Total**
Position: 2170
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 2
Purpose: To provide control total.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to provide message control totals.

Example :

CNT+2:15'

There are fifteen LIN segments in the current message.

Data Element Summary

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

Segment: **UNT** Message Trailer
Position: 2220
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of a message.

Dependency Notes:

Semantic Notes:

Comments:

Notes: The UNT segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.

Example :

UNT+48+ME000001'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	0074		NUMBER OF SEGMENTS IN A MESSAGE	M n..6
			Control count of number of segments in a message.	
			The total number of segments in the message is detailed here.	
M	0062		MESSAGE REFERENCE NUMBER	M an..14
			Unique message reference assigned by the sender.	
			The message reference number detailed here should equal the one specified in the UNH segment.	

6 ORDCHG Purchase Order Change Request Message

SEGMENT CLARIFICATION

Heading Section:

UNH Message Header

A service segment starting and uniquely identifying a message. The message type code for the Purchase order change request message is ORDCHG.

Note: Purchase order change request messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 ORDCHG 0052 D 0054 96A 0051 UN

BGM Beginning of Message

A segment by which the sender must uniquely identify the order change by means of its number and when necessary its function.

DTM Date/Time/Period

A segment specifying general dates and, when relevant, times related to the whole order or order change message. The segment must be specified at least once to identify the order change date.

Examples of the use of this DTM segment are: Lead times that apply to the whole of the order and, if no schedule is to be specified, the delivery date.

The Date/time/period segment within other Segment group should be used whenever the date/time/period requires to be logically related to another specified data item. e.g. schedule dates are specified within Segment group 47.

Segment Group 1: RFF-DTM

A group of segments for giving references and where necessary, their dates, relating to the whole message, e.g. contract number, import/export license number, reservation number.

RFF Reference

A segment identifying the reference by its number and where appropriate a line number within that document.

Segment Group 3: NAD-LOC-FII-SG4-SG5-SG6

A group of segments identifying the parties with associated information.

NAD Name and Address

A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the order change. Identification of the seller and buyer parties is mandatory for the order change message.

It is recommended that where possible only the coded form of the party ID should be specified. i.e. The Buyer and Seller are known to each other, and only the coded format is required. Consignee or Delivery addresses may vary and would have to be completely specified, preferably in structured format.

LOC Place/Location Identification

A segment giving more specific locations of the party specified in the NAD segment e.g. internal site/building number.

Segment Group 8: CUX-PCD-DTM

A group of segments specifying the currencies and related dates/periods valid for the whole order change. Currency data may be omitted in national applications but will be required for international transactions.

CUX Currencies

A segment identifying the currencies required in the order change, e.g. the order currency. A rate of exchange may be given to convert a reference currency into a target currency.

Segment Group 9: PAT-DTM-PCD-MOA

A group of segments specifying the terms of payment applicable for the whole order change.

PAT Payment Terms Basis
A segment identifying the payment terms and date/time basis.

Segment Group 10: TDT-SG11

A group of segments identifying the mode and means of transport, location and relevant dates and times for transportation, relating to the whole order change.

TDT Details of Transport
A segment specifying the mode, means and identification of the transport for the goods being ordered.

Segment Group 13: PAC-MEA-SG14

A group of segments identifying the packaging, physical dimensions and marks and numbers for goods referenced by the whole order change.

PAC Package
A segment specifying the number and type of packages for the whole order change, e.g. number and type of pallets.

Segment Group 14: PCI-RFF-DTM-GIN
A group of segments specifying the markings and labels on individual physical units.

PCI Package Identification
A segment specifying markings and labels used on individual physical units (packages) described in the PAC segment.

Detail Section:

Segment Group 26: LIN-PIA-IMD-MEA-QTY-PCD-ALI-DTM-MOA-GIN-GIR-QVR-DOC-PAI-FTX-SG27-SG28-SG29-SG30-SG31-SG32-SG35-SG36-SG37-SG41-SG47-SG49-SG50-SG51-SG53-SG54

A group of segments providing details of the individual line items. This Segment group may be repeated to give sub-line details.

LIN Line Item
A segment identifying the line item with the line number and configuration level, and additionally, identifying the product or service ordered. Other product identification numbers, e.g. Buyer product number, etc., can be specified within the following PIA segment. The D.E. 1229 has to be used.

PIA Additional Product Id
A segment providing either additional identification of the product specified in the LIN segment (e.g. Harmonized System number), or provides any substitute product identification.

IMD Item Description
A segment for describing the product or service being ordered as well as product characteristic. This segment should be used for products or services that cannot be fully identified by a product code or item number.

MEA Measurements
A segment enabling the physical measurements of the ordered item to be specified where this is required for full identification of the product. Any measurements must refer to the product in its unpacked form. e.g. thickness of plastic film, length, weight, etc.

QTY Quantity
A segment identifying a quantity as specified by the Action Code Request.

GIN Goods Identity Number
A segment providing identity numbers to be applied to the goods being ordered, e.g. serial numbers for assembled equipment.

Segment Group 30: PRI-CUX-APR-RNG-DTM

A group of segments identifying the relevant pricing information for the goods or services ordered.

PRI Price Details

A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'Unit Price'.

Segment Group 31: RFF-DTM

A group of segments giving references and where necessary, their dates, relating to the line item.

RFF Reference

A segment identifying the reference by its number and where appropriate a line number within that document.

Segment Group 35: LOC-QTY-DTM

A group of segments specifying destination and quantity details for consignments involving multi-destination deliveries.

LOC Place/Location Identification

A segment indicating the location to which part of the consignment is to be delivered.

QTY Quantity

A segment specifying the quantity to be delivered to the identified location.

Segment Group 36: TAX-MOA-LOC

A group of segments specifying duty/tax/fee related information, and when necessary, the location(s) to which that information relates.

TAX Duty/Tax/Fee Details

A segment specifying a duty/tax/fee type, category and rate, or exemption, relating to the line item.

Section Control:

UNS Section Control

A service segment placed at the start of the summary section to avoid segment collision.

Summary Section:

MOA Monetary Amount

A segment giving the total amounts for the whole order change message.

CNT Control Total

A segment by which control totals may be provided.

UNT Message Trailer

A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

ORDCHG Purchase Order Change Request Message

Introduction:

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

Heading Section:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>User Attribute</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
M	0030	DTM	Date/Time/Period	M	5		
Used	0080		Segment Group 1: RFF	C		3	
M	0090	RFF	Reference	M	1		
Used	0140		Segment Group 3: NAD-LOC	C		2	
M	0150	NAD	Name and Address	M	1		
D	0160	LOC	Place/Location Identification	C	1		
Used	0310		Segment Group 8: CUX	C		1	
M	0320	CUX	Currencies	M	1		
Used	0350		Segment Group 9: PAT	C		1	
M	0360	PAT	Payment Terms Basis	M	1		
D	0400		Segment Group 10: TDT	C		1	
M	0410	TDT	Details of Transport	M	1		
Used	0480		Segment Group 13: PAC-SG14	C		1	
M	0490	PAC	Package	M	1		
Used	0510		Segment Group 14: PCI	C		1	
M	0520	PCI	Package Identification	M	1		

Detail Section:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>User Attribute</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
Used	0960		Segment Group 26: LIN-PIA-IMD-MEA-QTY-GIN-SG30-SG31-SG35-SG36	C		200000	
M	0970	LIN	Line Item	M	1		
Used	0980	PIA	Additional Product Id	C	1		
Used	0990	IMD	Item Description	C	1		
Used	1000	MEA	Measurements	C	1		
Must Use	1010	QTY	Quantity	C	1		
Must Use	1060	GIN	Goods Identity Number	C	1		
Used	1240		Segment Group 30: PRI	C		2	
M	1250	PRI	Price Details	M	1		
Used	1300		Segment Group 31: RFF	C		1	
M	1310	RFF	Reference	M	1		
Used	1460		Segment Group 35: LOC-QTY	C		9999	
M	1470	LOC	Place/Location Identification	M	1		
Must Use	1480	QTY	Quantity	C	1		

Used	1500		Segment Group 36: TAX	C	1
M	1510	TAX	Duty/Tax/Fee Details	M	1

Section Control:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>User Attribute</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
M	2150	UNS	Section Control	M	1		

Summary Section:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>User Attribute</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
Used	2160	MOA	Monetary Amount	C	1		
Used	2170	CNT	Control Total	C	2		
M	2220	UNT	Message Trailer	M	1		

Segment: UNH Message Header
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To head, identify and specify a message.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Segment Notes.

This segment is used to head, identify and specify a message.

DE's 0065, 0052, 0054, and 0051: Indicate that the message is a UNSM Purchase Order Change based on the D.96A directory under the control of the United Nations.

DE 0057: Indicates that the message is the EANCOM version 005 of the UNSM Purchase Order Change.

Example :

UNH+ME000001+ORDCHG:D:96A:UN:EAN005'

Data Element Summary

User	Data	Component		
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	0062		MESSAGE REFERENCE NUMBER	M an..14
			Unique message reference assigned by the sender.	
			Senders unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be exactly the same. Sender generated.	
M	S009		MESSAGE IDENTIFIER	M
			Identification of the type, version etc. of the message being interchanged.	
M		0065	Message type identifier	M an..6
			Code identifying a type of message and assigned by its controlling agency.	
			ORDCHG Purchase order change message	
			Message from the buyer to the seller, specifying details of the buyer's request to change a purchase order.	
M		0052	Message type version number	M an..3
			Version number of a message type.	
			Refer to D.96A Data Element Dictionary for acceptable code values.	
M		0054	Message type release number	M an..3
			Release number within the current message type version number (0052).	
			Refer to D.96A Data Element Dictionary for acceptable code values.	
M		0051	Controlling agency	M an..2
			Code identifying the agency controlling the specification, maintenance and publication of the message type.	
			UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)	
			UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).	
O		0057	Association assigned code	C an..6

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

Indicates that the message is the EANCOM version 005 of the UNSM Purchase Order Change Request.

EAN005

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To indicate the type and function of a message and to transmit the identifying number.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Segment Notes.

This segment is used to indicate the type and function of the message and to transmit the identifying number.

DE 1001: The Purchase Order Change Request is transmitted by the buyer in order to change a previous Purchase Order or to respond to seller's Purchase Order Response.

All references other than the document number DE 1004 are in the RFF segment.

DE 1004: It is recommended that the length of document number be restricted to a maximum of 17 characters.

DE 1225: The message function, coded is a critical data element in this segment. It applies to all data indicated in the message. The following definitions apply for the restricted codes:

1 = Cancellation - Code indicating a cancellation of a entire previously transmitted message, all mandatory segments must be transmitted and the identification of the parties.

9 = Original - An original transmission of a purchase order change.

Example :

BGM+230+ORCH5125+9'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C002		DOCUMENT/MESSAGE NAME	C
			Identification of a type of document/message by code or name. Code preferred.	
>>		1001	Document/message name, coded	C an..3
			Document/message identifier expressed in code.	
			The Purchase Order Change Request is transmitted by the buyer in order to change a previous Purchase Order or to respond to seller's Purchase Order Response.	
		230	Purchase order change request	
			Change to a purchase order already sent.	
X		1131	Code list qualifier	C an..3
			Refer to D.96A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded	C an..3
			Refer to D.96A Data Element Dictionary for acceptable code values.	

O	1000	Document/message name	C an..35
		Plain language identifier specifying the function of a document/message.	
>>	1004	DOCUMENT/MESSAGE NUMBER	C an..35
		Reference number assigned to the document/message by the issuer.	
		Order number assigned by document sender.	
>>	1225	MESSAGE FUNCTION, CODED	C an..3
		Code indicating the function of the message.	
		The message function, coded, is a critical element in this segment. The restricted codes detailed in DE 1225 have the following definitions: (see notes for codes)	
		1	Cancellation
			Message cancelling a previous transmission for a given transaction.
		9	Original
			Initial transmission related to a given transaction.

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 1
Usage: Mandatory
Max Use: 5
Purpose: To specify date, and/or time, or period.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to specify the date of the Order and, where required, requested dates concerning the delivery of the goods.

DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in the purchase order message.

Example :

DTM+137:19930830:102'

This example dates the message as the 30th of August 1993.

DTM+64:19931001:102'

DTM+61:19931010:102'

Delivery 'window' showing earliest and latest delivery dates.

DTM+010:19930703:102'

International Orders: shipment date from port of loading.

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD	M
			Date and/or time, or period relevant to the specified date/time/period type.	
M		2005	Date/time/period qualifier	M an..3
			Code giving specific meaning to a date, time or period.	
		10	Shipment date/time, requested	
			Date on which goods should be shipped or despatched by the supplier.	
			FOR INTERNATIONAL ORDERS ONLY :	
			Requested Shipment Date at Port of Loading.	
		15	Promotion start date/time	
			Date/time when promotion activities begin.	
			Optional - used to indicate Advertised Date.	
		61	Cancel if not delivered by this date	
			Cancel the product ordered if it has not been delivered by this date.	
		64	Delivery date/time, earliest	
			Date identifying a point in time before which the goods shall not be delivered.	
			Supplier requested delivery date	
		137	Document/message date/time	

Group: **RFF** Segment Group 1: Reference
Position: 0080
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 3
Purpose:

Segment Summary

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

Segment: **RFF Reference**
Position: 0090 (Trigger Segment)
Group: Segment Group 1 (Reference) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To specify a reference.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to specify other references which relate to the transmission, for example, contract numbers, price list numbers, etc. The references given at this point are valid for the whole document unless superseded by references at line level.

Example :

RFF+BO:12345678'
 RFF+PD:XY123'
 RFF+SD:1234'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE	M
			Identification of a reference.	
M		1153	Reference qualifier	M an..3
			Code giving specific meaning to a reference segment or a reference number.	
			BO Blanket order number	
			Reference number assigned by the order issuer to a blanket order.	
			PD Promotion deal number	
			Number assigned by a vendor to a special promotion activity.	
			SD Sales department number	
			A reference number identifying a sales department.	
>>		1154	Reference number	C an..35
			Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	

Group: **NAD** Segment Group 3: Name and Address
Position: 0140
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 2
Purpose:

Segment Summary

<u>Attribute</u>	<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
		<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M		0150	NAD	Name and Address	M	1	
D		0160	LOC	Place/Location Identification	C	1	

Segment: **NAD** Name and Address
Position: 0150 (Trigger Segment)
Group: Segment Group 3 (Name and Address) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

The NAD segment is used to identify the trading partners involved in the Order process. Identification of the buyer and supplier of goods and services is mandatory in the Order using DE's 3035 and C082. Additionally, the invoicee and delivery party need to be specified if different than the buyers address.

The delivery address given in NAD at header level is the main delivery address for all line items. It can however be overridden at line level by the use of Segment Group 32 LOC/QTY/DTM to indicate split deliveries.

If coded address information can not be used it is recommended to use a structured address (C080 through 3207).

Example :

NAD+ST+1234::92'
 NAD+SU+4012345500000::92'

Data Element Summary

User	Data	Component		Attributes
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>	
M	3035		PARTY QUALIFIER	M an..3
			Code giving specific meaning to a party.	
			ST Ship to	
			Identification of the party to where goods will be or have been shipped.	
			SU Supplier	
			Party which provides service(s) and/or manufactures or otherwise has possession of goods, and consigns or makes them available in trade.	
R	C082		PARTY IDENTIFICATION DETAILS	C
			Identification of a transaction party by code.	
M		3039	Party id. identification	M an..35
			Code identifying a party involved in a transaction.	
			Expressed in Buyer's form.	
X		1131	Code list qualifier	C an..3
			Refer to D.96A Data Element Dictionary for acceptable code values.	
>>		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
			92 Assigned by buyer or buyer's agent	
			Code assigned by the buyer or buyer's agent.	
X	C058		NAME AND ADDRESS	C
X	C080		PARTY NAME	C
X	C059		STREET	C

X	3164	CITY NAME	C an..35
X	3229	COUNTRY SUB-ENTITY IDENTIFICATION	C an..9
X	3251	POSTCODE IDENTIFICATION	C an..9
D	3207	COUNTRY, CODED	C an..3

Identification of the name of a country or other geographical entity as specified in ISO 3166.

ISO 3166 two alpha code

Refer to D.96A Data Element Dictionary for acceptable code values.

Segment: **LOC Place/Location Identification**
Position: 0160
Group: Segment Group 3 (Name and Address) Conditional (Optional)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
Purpose: To identify a country/place/location/related location one/related location two.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

FOR INTERNATIONAL ORDERS ONLY :

This segment is used to indicate any location related to the party specified in the NAD segment.

It is recommended that EAN location numbers be used for the identification of all locations.

Example :

LOC+9+541234'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	3227		PLACE/LOCATION QUALIFIER	M an..3
			Code identifying the function of a location.	
			9 Place/port of loading	
			Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are loaded on to the means of transport being used for their carriage.	
>>	C517		LOCATION IDENTIFICATION	C
			Identification of a location by code or name.	
>>		3225	Place/location identification	C an..25
			Identification of the name of place/location, other than 3164 City name.	
			Denotes Port of Loading.	

Group: **CUX** Segment Group 8: Currencies
Position: 0310
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 1
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0320	CUX	Currencies	M	1	

Segment: **CUX** Currencies
Position: 0320 (Trigger Segment)
Group: Segment Group 8 (Currencies) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To specify currencies used in the transaction and relevant details for the rate of exchange.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

FOR INTERNATIONAL ORDERS ONLY :

This segment is used to specify currency information for the complete order. The CUX segment is mandatory for international exchanges.

When specifying Reference and Target Currencies for international trade, one occurrence of CUX is all that is required. The reference currency is identified in the first occurrence of composite C504, with the target currency specified in the second occurrence of C504. The rate of exchange between the two is detailed in DE 5402.

Example :

CUX+2:AUD+3:USD'

Indicates that the order currency is Pounds Sterling.

Data Element Summary

User <u>Attribute</u>	Data <u>Element</u>	Component <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C504		CURRENCY DETAILS	C
			The usage to which a currency relates.	
M		6347	Currency details qualifier	M an..3
			Specification of the usage to which the currency relates.	
		2	Reference currency	
			The currency applicable to amounts stated. It may have to be converted.	
>>		6345	Currency, coded	C an..3
			Identification of the name or symbol of the monetary unit involved in the transaction.	
			ISO 4217 three alpha	
			Refer to D.96A Data Element Dictionary for acceptable code values.	
>>	C504		CURRENCY DETAILS	C
			The usage to which a currency relates.	
M		6347	Currency details qualifier	M an..3
			Specification of the usage to which the currency relates.	
		3	Target currency	
			The currency which should be used to the target destination of the transaction.	
>>		6345	Currency, coded	C an..3
			Identification of the name or symbol of the monetary unit involved in the transaction.	
			ISO 4217 three alpha.	
			By implication, denotes country of origin for International Orders.	

Refer to D.96A Data Element Dictionary for acceptable code values.

Group: **PAT** Segment Group 9: Payment Terms Basis
Position: 0350
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 1
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0360	PAT	Payment Terms Basis	M	1	

Segment: **PAT** Payment Terms Basis
Position: 0360 (Trigger Segment)
Group: Segment Group 9 (Payment Terms Basis) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To specify the payment terms basis.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

FOR INTERNATIONAL ORDERS ONLY :

This segment is used by the issuer of the order to request special payment terms for the current order only.

Example :

PAT+18+4:106::TT'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	4279		PAYMENT TERMS TYPE QUALIFIER Identification of the type of payment terms. 18 Previously agreed upon Payment terms as per those previously agreed upon.	M an..3
O	C110		PAYMENT TERMS Terms of payment code from a specified source.	C
M		4277	Terms of payment identification Identification of the terms of payment between the parties to a transaction (generic term). 4 Draft(s) drawn on applicant Draft(s) must be drawn on the applicant.	M an..17
O		1131	Code list qualifier Identification of a code list. 106 Incoterms 1980 Code to indicate applicable Incoterm (1980 edition) under which seller undertakes to deliver merchandise to buyer (ICC). Incoterms 1990: use 4053 only.	C an..3
X		3055	Code list responsible agency, coded Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
O		4276	Terms of payment Conditions of payment between the parties to a transaction (generic term). LC Letter of Credit OA Open Account TT Telegraphic Transfer	C an..35

Group: **TDT** Segment Group 10: Details of Transport
Position: 0400
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 1
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0410	TDT	Details of Transport	M	1	

Segment: **TDT Details of Transport**
Position: 0410 (Trigger Segment)
Group: Segment Group 10 (Details of Transport) Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: 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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

FOR INTERNATIONAL ORDERS ONLY :

This segment is used to specify transport instructions for the whole Purchase Order, such as requesting an express transport service.

Example :

TDT+20++10'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	8051		TRANSPORT STAGE QUALIFIER	M an..3
			Qualifier giving a specific meaning to the transport details.	
		20	Main-carriage transport	
			The primary stage in the movement of cargo from the point of origin to the intended destination.	
X	8028		CONVEYANCE REFERENCE NUMBER	C an..17
>>	C220		MODE OF TRANSPORT	C
			Method of transport code or name. Code preferred.	
X		8067	Mode of transport, coded	C an..3
O		8066	Mode of transport	C an..17
			Method of transport used for the carriage of the goods.	
			Description of transport mode.	

Group: PAC Segment Group 13: Package
Position: 0480
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 1
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0490	PAC	Package	M	1	
	0510		Segment Group 14: Package Identification	C		1

Segment: **PAC Package**
Position: 0490 (Trigger Segment)
Group: Segment Group 13 (Package) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To describe the number and type of packages/physical units.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Example :

PAC+16++CS'

Data Element Summary

User	Data	Component		
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
X	7224		NUMBER OF PACKAGES	C n..8
X	C531		PACKAGING DETAILS	C
O	C202		PACKAGE TYPE	C
			Type of package by name or by code from a specified source.	
>>		7065	Type of packages identification	C an..17
			Coded description of the form in which goods are presented.	
			CS Case	
			A package such as a box.	

Group: **PCI** Segment Group 14: Package Identification
Position: 0510
Group: Segment Group 13 (Package) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose:

Segment Summary

<u>Attribute</u>	<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
		<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M		0520	PCI	Package Identification	M	1	

Segment: **PCI Package Identification**
Position: 0520 (Trigger Segment)
Group: Segment Group 14 (Package Identification) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To specify markings and labels on individual packages or physical units.

Dependency Notes:
Semantic Notes:
Comments:
Notes:

Example :

PCI+PR123:DP456'

Data Element Summary

User	Data	Component		
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
O	4233		MARKING INSTRUCTIONS, CODED	C an..3
			Code indicating instructions on how specified packages or physical units should be marked.	
			16 Buyer's instructions	
			Markings as specified by the buyer.	
O	C210		MARKS & LABELS	C
			Shipping marks on packages in free text; one to ten lines.	
M		7102	Shipping marks	M an..35
			Marks and numbers identifying individual packages.	
			Used to indicate New Line, or Advertised markings on Cartons.	
O		7102	Shipping marks	C an..35
			Marks and numbers identifying individual packages.	
			Used for Department Code on Carton Labels.	
			Note; May vary by order line, in which case will appear in RFF(SD) segments	
O		7102	Shipping marks	C an..35
			Marks and numbers identifying individual packages.	
O		7102	Shipping marks	C an..35
			Marks and numbers identifying individual packages.	
O		7102	Shipping marks	C an..35
			Marks and numbers identifying individual packages.	
O		7102	Shipping marks	C an..35
			Marks and numbers identifying individual packages.	
O		7102	Shipping marks	C an..35
			Marks and numbers identifying individual packages.	
O		7102	Shipping marks	C an..35
			Marks and numbers identifying individual packages.	
O		7102	Shipping marks	C an..35
			Marks and numbers identifying individual packages.	

Group: **LIN** Segment Group 26: Line Item
Position: 0960
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 200000
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0970	LIN	Line Item	M	1	
Used	0980	PIA	Additional Product Id	C	1	
Used	0990	IMD	Item Description	C	1	
Used	1000	MEA	Measurements	C	1	
Must Use	1010	QTY	Quantity	C	1	
Must Use	1060	GIN	Goods Identity Number	C	1	
	1240		Segment Group 30: Price Details	C	2	
	1300		Segment Group 31: Reference	C	1	
	1460		Segment Group 35: Place/Location Identification	C	9999	
	1500		Segment Group 36: Duty/Tax/Fee Details	C	1	

Segment: **LIN** Line Item
Position: 0970 (Trigger Segment)
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To identify a line item and configuration.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to identify the item being ordered.

The detail section of the Purchase Order is formed by a repeating group of segments, always starting with the LIN segment.

Each occurrence of LIN will usually correspond to a different product being ordered.

Example :

LIN+1++5412345111115:EN'

Dependency Notes :

DE C212: This composite will only be used for the identification of EAN/UPC codes. If another coding structure is required, e.g. HIBC, then this composite will not be used and the code will be detailed in the PIA segment.

Data Element Summary

User <u>Attribute</u>	Data <u>Element</u>	Component <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	1082		LINE ITEM NUMBER Serial number designating each separate item within a series of articles. Application generated line item reference (as per original order).	C n..6
X	1229		ACTION REQUEST/NOTIFICATION, CODED Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
D	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
>>		7140	Item number A number allocated to a group or item. Format n..14 EAN-8, UPC-A, EAN-13, or DUN-14 - this is the number of the article being changed.	C an..35
>>		7143	Item number type, coded Identification of the type of item number. EN International Article Numbering Association (EAN) Number assigned to a manufacturer's product according to the International Article Numbering Association.	C an..3

Segment: **PIA Additional Product Id**
Position: 0980
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: To specify additional or substitutional item identification codes.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to specify additional or substitutional item identification codes such as a buyers, or sellers item number.

1 - Additional Identification - To provide an additional product identification which is of equal importance or significance to the code provided in the LIN segment.

Examples :

PIA+1+4000862141664:IN+12345:ST+BLUE:CL+SML:SZ+HI5:RN'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	4347		PRODUCT ID. FUNCTION QUALIFIER Indication of the function of the product code. 1 Additional identification Information which specifies and qualifies product identifications.	M an..3
M	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	M
>>		7140	Item number A number allocated to a group or item.	C an..35
>>		7143	Item number type, coded Identification of the type of item number. IN Buyer's item number Item number allocated by the buyer of an item.	C an..3
>>	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
>>		7140	Item number A number allocated to a group or item.	C an..35
>>		7143	Item number type, coded Identification of the type of item number. ST Style number Number given to a specific style or form of an article, especially used for garments.	C an..3
>>	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
>>		7140	Item number A number allocated to a group or item.	C an..35
>>		7143	Item number type, coded Identification of the type of item number.	C an..3

		CL	Alphanumeric Colour Designation Especially used for Garments.		
>>	C212		ITEM NUMBER IDENTIFICATION		C
			Goods identification for a specified source.		
>>		7140	Item number		C an..35
			A number allocated to a group or item.		
>>		7143	Item number type, coded		C an..3
			Identification of the type of item number.		
		SZ	Alphanumeric Size Code Especially used for Garments.		
>>	C212		ITEM NUMBER IDENTIFICATION		C
			Goods identification for a specified source.		
>>		7140	Item number		C an..35
			A number allocated to a group or item.		
>>		7143	Item number type, coded		C an..3
			Identification of the type of item number.		
		RN	Release/Story Reference number identifying a release from a buyer's purchase order.		

Segment: **IMD** Item Description
Position: 0990
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: To describe an item in either an industry or free format.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to describe the current line item.

It is recommended that this segment only be used for coded descriptions. Data element 7008 in clear text should only be used when no product code is available or when free-form descriptions are required by trading partners.

If both free-form and coded descriptions are required then the IMD segment must be repeated.

Example :

IMD+F++:::CORN CRISPIES'

Data Element Summary

User <u>Attribute</u>	Data <u>Element</u>	Component <u>Element</u>	<u>Name</u>	<u>Attributes</u>
O	7077		ITEM DESCRIPTION TYPE, CODED Code indicating the format of a description. F Free-form Description of an item provided in free form format.	C an..3
X	7081		ITEM CHARACTERISTIC, CODED Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
R	C273		ITEM DESCRIPTION Description of an item.	C
X		7009	Item description identification Refer to D.96A Data Element Dictionary for acceptable code values.	C an..17
X		1131	Code list qualifier Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
X		3055	Code list responsible agency, coded Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
>>		7008	Item description Plain language description of articles or products.	C an..35

Segment: **MEA** Measurements
Position: 1000
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: To specify physical measurements, including dimension tolerances, weights and counts.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

FOR INTERNATIONAL ORDERS ONLY :

This segment is used to specify the actual physical dimensions of the product being ordered .

This segment must be used in conjunction with the LIN segment for the precise identification of the ordered product.

Example:

MEA+PD+ABJ+MTQ:1.75'
 MEA+AAI+AAA+KGM:27.65'

The cubic volume of the item being ordered is 1.75 cubic metres, and the weight is 27.65 kilograms.

Data Element Summary

User	Data	Component	Name	Attributes
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	6311		MEASUREMENT APPLICATION QUALIFIER	M an..3
			Specification of the application of the physical measurement used.	
			AAI Item weight	
			Weight at line item level.	
			PD Physical dimensions	
			Specified measurement dimensions refer to physical dimensions of a product material or package.	
R	C502		MEASUREMENT DETAILS	C
			Identification of measurement type.	
R		6313	Measurement dimension, coded	C an..3
			Specification of the type of dimension to be measured.	
			AAA Unit net weight	
			[6160] Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale.	
			ABJ Volume	
			The amount of air space taken up by the entity identified in the 6311 qualifier.	
>>	C174		VALUE/RANGE	C
			Measurement value and relevant minimum and maximum tolerances in that order.	
M		6411	Measure unit qualifier	M an..3
			Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	
			KGM Kilogram	
			MTQ Cubic metre	
>>		6314	Measurement value	C n..18

Value of the measured unit.

Segment: QTY Quantity
Position: 1010
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: To specify a pertinent quantity.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to specify the total quantity ordered for the current line identified in the LIN segment.

If split deliveries are being used, the quantities for the split delivery are specified in segment group 32. The totals for all quantities expressed in the QTY's at segment group level must equal the value in this QTY segment.

Example :

QTY+21:48'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	C186		QUANTITY DETAILS	M
			Quantity information in a transaction, qualified when relevant.	
M		6063	Quantity qualifier	M an..3
			Code giving specific meaning to a quantity.	
			21 Ordered quantity	
			The quantity which has been ordered.	
M		6060	Quantity	M n..15
			Numeric value of a quantity.	

Segment: **GIN** Goods Identity Number
Position: 1060
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: To give specific identification numbers, either as single numbers or ranges.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Segment Notes.

This segment is used to indicate individual numbers, or a range of numbers, to be printed on coupons or gift cheques.

Example :

GIN+CPE+AS-1299:AS-1350'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	7405		IDENTITY NUMBER QUALIFIER Code specifying the type/source of identity number. TK Ticketing Information	M an..3
M	C208		IDENTITY NUMBER RANGE Goods item identification numbers, start and end of consecutively numbered range.	M
M		7402	Identity number A value given to an object for identification purposes. Ticket Type. Informational only and not printed on the ticket.	M an..35
O	C208		IDENTITY NUMBER RANGE Goods item identification numbers, start and end of consecutively numbered range.	C
M		7402	Identity number A value given to an object for identification purposes. Season Code in the form SY (Season S/W for year YY) Example: W09 (Winter 2009)	M an..35
O		7402	Identity number A value given to an object for identification purposes. Age Code in the form MY (Month A - L and Year) Example: E9 (May 2009)	C an..35

Group: **PRI** Segment Group 30: Price Details
Position: 1240
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1250	PRI	Price Details	M	1	

Segment: **PRI Price Details**
Position: 1250 (Trigger Segment)
Group: Segment Group 30 (Price Details) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To specify price information.
Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment details the order price for the current line item.

Examples:
 PRI+AAF:14.58'
 PRI+RTP:25.50'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C509		PRICE INFORMATION Identification of price type, price and related details.	C
M		5125	Price qualifier Identification of a type of price.	M an..3
		AAF	Information price, excluding allowances or charges, and taxes The price stated is the net price excluding allowances/charges and excluding taxes. Allowances/charges may be stated for information only.	
		RTP	Retail Trading Price	
>>		5118	Price The monetary value associated with a purchase or sale of an article, product or service.	C n..15

Group: **RFF** Segment Group 31: Reference
Position: 1300
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1310	RFF	Reference	M	1	

Group: **LOC** Segment Group 35: Place/Location Identification
Position: 1460
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9999
Purpose:

Segment Summary

<u>Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	1470	LOC	Place/Location Identification	M	1	
Must Use	1480	QTY	Quantity	C	1	

Segment: QTY Quantity
Position: 1480
Group: Segment Group 35 (Place/Location Identification) Conditional (Optional)
Level: 3
Usage: Conditional (Required)
Max Use: 1
Purpose: To specify a pertinent quantity.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to indicate the delivery quantity for the delivery location specified in the previous LOC segment. The total of all quantities specified in segment group 32 for the line, must equal the value for the total quantity detailed in the QTY segment at line level.

Example :

QTY+11:14'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M
M		6063	Quantity qualifier Code giving specific meaning to a quantity.	M an..3
			11 Split quantity Part of the whole quantity.	
M		6060	Quantity Numeric value of a quantity.	M n..15

Group: **TAX** Segment Group 36: Duty/Tax/Fee Details
Position: 1500
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1510	TAX	Duty/Tax/Fee Details	M	1	

Segment: **TAX** Duty/Tax/Fee Details
Position: 1510 (Trigger Segment)
Group: Segment Group 36 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To specify relevant duty/tax/fee information.

Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to identify the type and rate of tax that is applicable for the current line item. This segment is only used if the tax rate at line level differs from the rate specified in the header section.

Example :

TAX+7++++:::10.0'

Dependency Notes:

DE C241 and 5305: Tax types and categories will differ from country to country. They are to be defined by national guidelines.

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	5283		DUTY/TAX/FEE FUNCTION QUALIFIER	M an..3
			Code identifying the function of an duty, tax or fee information.	
			Refer to D.96A Data Element Dictionary for acceptable code values.	
X	C241		DUTY/TAX/FEE TYPE	C
X	C533		DUTY/TAX/FEE ACCOUNT DETAIL	C
X	5286		DUTY/TAX/FEE ASSESSMENT BASIS	C an..15
>>	C243		DUTY/TAX/FEE DETAIL	C
			Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	
X		5279	Duty/tax/fee rate identification	C an..7
X		1131	Code list qualifier	C an..3
			Refer to D.96A Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency, coded	C an..3
			Refer to D.96A Data Element Dictionary for acceptable code values.	
>>		5278	Duty/tax/fee rate	C an..17
			Rate of duty or tax or fee applicable to commodities or of tax applicable to services.	
			The actual rate of tax/duty.	

Segment: **UNS** Section Control
Position: 2150
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To separate header, detail and summary sections of a message.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Segment Notes.

This segment is used to separate the detail and summary sections of the message.

Example :

UNS+S'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	0081		SECTION IDENTIFIER	M a1
			A character identifying the next section in a message.	
		S	Detail/summary section separation	
			To qualify the segment UNS, when separating the detail from the summary section of a message.	

Segment: **MOA** Monetary Amount
Position: 2160
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
Purpose: To specify a monetary amount.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to indicate total amounts for the order.

Example :

MOA+86:15000'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M
M		5025	Monetary amount type qualifier Indication of type of amount.	M an..3
		86	Message total monetary amount	
			Total monetary value of the complete message.	
>>		5004	Monetary amount Number of monetary units.	C n..18

Segment: **CNT Control Total**
Position: 2170
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 2
Purpose: To provide control total.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to provide message control totals.

Examples :

CNT+1+2400'

Total quantity of 2400 in QTY segments at line level.

CNT+2:4'

There are four LIN segments in the current message.

Data Element Summary

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

Segment: **UNT** Message Trailer
Position: 2220
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of a message.

Dependency Notes:

Semantic Notes:

Comments:

Notes: The UNT segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.

Example :

UNT+48+ME000001'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	0074		NUMBER OF SEGMENTS IN A MESSAGE	M n..6
			Control count of number of segments in a message.	
			The total number of segments in the message is detailed here.	
M	0062		MESSAGE REFERENCE NUMBER	M an..14
			Unique message reference assigned by the sender.	
			The message reference number detailed here should equal the one specified in the UNH segment.	

7 DESADV Despatch Advice Message

SEGMENT CLARIFICATION

Heading Section:

UNH **Message Header**

A service segment starting and uniquely identifying a message. The message type code for the Despatch advice message is DESADV.

BGM **Beginning of Message**

A segment for unique identification of the Despatch Advice document, by means of its name and its number.

DTM **Date/Time/Period**

Date/time/period related to the whole message.

ALI **Additional Information**

A segment indicating the type and status of message.

Segment Group 1: RFF-DTM

A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.

RFF **Reference**

To specify a reference.

DTM **Date/Time/Period**

Date/time/period from the referred document.

Segment Group 2: NAD-LOC-SG3-SG4

A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

NAD **Name and Address**

A segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice.

Detail Section:

Segment Group 10: CPS-FTX-SG11-SG15-SG57

A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.

CPS **Consignment Packing Sequence**

A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

Segment Group 11: PAC-MEA-QTY-SG12-SG13

A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, date and time information, handling information and information about packing at this level.

PAC **Package**

A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.

MEA **Measurements**

A segment specifying physical measurements of the packages/physical units described in the PAC segment.

Segment Group 15: CPS-FTX-SG16-SG20

A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.

CPS Consignment Packing Sequence

A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

Segment Group 20: LIN-SG21-PIA-SG22-IMD-MEA-QTY-ALI-GIN-GIR-DLM-DTM-FTX-MOA-SG50-SG51-SG52-SG53-SG56

A group of segments providing details of the individual despatched items.

LIN Line Item

This LIN segment is a trigger segment and it is used for accessing the LOC segment to specify the store number.

Segment Group 21: LOC-NAD-DTM-QTY

A group of segments giving location information and where relevant, additional addresses, date and time, and quantities.

LOC Place/Location Identification

A segment identifying a specific location to which products will be delivered.

Segment Group 22: CPS-FTX-SG23-SG27-SG41

A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.

CPS Consignment Packing Sequence

A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

Segment Group 23: PAC-MEA-QTY-SG24-SG25

A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, date and time information, handling information and information about packing at this level.

PAC Package

A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.

Segment Group 25: PCI-RFF-DTM-GIR-SG26

A group of segments specifying markings, labels, and packing numbers.

PCI Package Identification

A segment specifying markings and/or labels used on individual physical units (packages) described in the PAC segment.

Segment Group 26: GIN-DLM

A group of segments giving package identification numbers and, where relevant, delivery limitation information.

GIN Goods Identity Number

A segment providing the identity numbers of packages being despatched.

Segment Group 41: LIN-PIA-IMD-MEA-QTY-ALI-GIN-GIR-DLM-DTM-FTX-MOA-SG42-SG43-SG44-SG45-SG46-SG49

A group of segments providing details of the individual despatched items.

LIN Line Item

A segment identifying the product being despatched.

All other segments in the detail section following the LIN segment refer to that line item.

QTY Quantity

A segment to give quantity information concerning the product.

Summary Section:

CNT Control Total

A segment by which control totals may be provided by sender for checking by the receiver.

UNT Message Trailer

A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

DESADV Despatch Advice Message

Introduction:

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

Heading Section:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>User Attribute</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
Must Use	0030	DTM	Date/Time/Period	C	10		
Must Use	0040	ALI	Additional Information	C	5		
Must Use	0070		Segment Group 1: RFF-DTM	C		10	
M	0080	RFF	Reference	M	1		
Used	0090	DTM	Date/Time/Period	C	1		
Must Use	0100		Segment Group 2: NAD	C		10	
M	0110	NAD	Name and Address	M	1		

Detail Section:

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>User Attribute</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
Must Use	0370		Segment Group 10: CPS-SG11-SG15	C		1	
M	0380	CPS	Consignment Packing Sequence	M	1		
Used	0400		Segment Group 11: PAC-MEA	C		9999	
M	0410	PAC	Package	M	1		
Used	0420	MEA	Measurements	C	10		
Must Use	0370		Segment Group 15: CPS-SG20	C		9999	
M	0380	CPS	Consignment Packing Sequence	M	1		
Used	0550		Segment Group 20: LIN-SG21-SG22	C		1	
M	0560	LIN	Line Item	M	1		
Used	0750		Segment Group 21: LOC	C		1	
M	0760	LOC	Place/Location Identification	M	1		
Must Use	0370		Segment Group 22: CPS-SG23-SG41	C		9999	
M	0380	CPS	Consignment Packing Sequence	M	1		
Used	0400		Segment Group 23: PAC-SG25	C		9999	
M	0410	PAC	Package	M	1		
Used	0470		Segment Group 25: PCI-SG26	C		1000	
M	0480	PCI	Package Identification	M	1		
Must Use	0520		Segment Group 26: GIN	C		99	
M	0530	GIN	Goods Identity Number	M	1		
Used	0550		Segment Group 41: LIN-QTY	C		9999	
M	0560	LIN	Line Item	M	1		
Used	0600	QTY	Quantity	C	10		

Summary Section:

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>User</u>	<u>Max.Use</u>	<u>Group</u>	<u>Notes and</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Attribute</u>		<u>Repeat</u>	<u>Comments</u>
Must Use	0980	CNT	Control Total	C	5		
M	0990	UNT	Message Trailer	M	1		

Segment: UNH Message Header
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To head, identify and specify a message.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to head, identify and specify a message.

DE's 0065, 0052, 0054, and 0051: Indicate that the message is a Despatch advice message based on the D.96A directory under the control of the United Nations.

DE 0057: Indicates that the message is the EANCOM version 005 of the UNSM Despatch advice

Example :

UNH+1+DESADV:D:96A:UN:EAN005'

Data Element Summary

User	Data	Component		
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	0062		MESSAGE REFERENCE NUMBER	M an..14
			Unique message reference assigned by the sender.	
			Senders unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be exactly the same. Sender generated.	
M	S009		MESSAGE IDENTIFIER	M
			Identification of the type, version etc. of the message being interchanged.	
M		0065	Message type identifier	M an..6
			Code identifying a type of message and assigned by its controlling agency.	
			DESADV Despatch advice message	
			A message specifying details for goods despatched or ready for despatch under agreed conditions. The United Nations Despatch Advice Message serves both as a specification for Delivery Despatch Advice and also as a Returns Despatch Advice message.	
M		0052	Message type version number	M an..3
			Version number of a message type.	
			The used EDIFACT-directory is a draft directory.	
			D Draft directory	
M		0054	Message type release number	M an..3
			Release number within the current message type version number (0052).	
			96A Version 96A	
M		0051	Controlling agency	M an..2
			Code identifying the agency controlling the specification, maintenance and publication of the message type.	
			UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)	
			UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade	

procedures (WP.4).

>>

0057 Association assigned code

C an..6

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

EAN005

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To indicate the type and function of a message and to transmit the identifying number.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to indicate the type and function of a message and to transmit the identifying number.

DE 1001: Despatch Advice Type

351 = Despatch Advice for direct to store or DC.
YA5= Cross Dock Despatch Advice, goods are shipped to one location but they are for multiple end locations.

DE 1004: It is recommended that the length of document number be restricted to a maximum of 17 characters.

DE 1225: The message function, coded is a critical data element in this segment. It applies to all data indicated in the message. The following definitions apply for the restricted codes:

7 = Duplicate - A re-transmission involving the same parties, on the specific request of the receiver.

9 = Original - An original transmission of a purchase order.

16 = Proposal - A proposed or suggested order.

Example :

BGM+YA5::9+DA04228572+9'

Data Element Summary

User Attribute	Data Element	Component Element	Name	Attributes
>>	C002		DOCUMENT/MESSAGE NAME	C
			Identification of a type of document/message by code or name. Code preferred.	
>>		1001	Document/message name, coded	C an..3
			Document/message identifier expressed in code.	
		351	Despatch advice	
			Document/message by means of which the seller or consignor informs the consignee about the despatch of goods.	
		YA5	Cross Dock Despatch Advice	
X		1131	Code list qualifier	C an..3
			Refer to D.96A Data Element Dictionary for acceptable code values.	
>>		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	

9 EAN (International Article Numbering association)

>> **1004** **DOCUMENT/MESSAGE NUMBER** **C an..35**

Reference number assigned to the document/message by the issuer.

Despatch Advice Number assigned by sender

>> **1225** **MESSAGE FUNCTION, CODED** **C an..3**

Code indicating the function of the message.

5 Replace

Message replacing a previous message.

7 Duplicate

The message is a duplicate of a previously generated message.

A retransmission involving the same parties, on the specific request of the receiver.

9 Original

Initial transmission related to a given transaction.

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 10
Purpose: To specify date, and/or time, or period.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

The DTM segment must be specified at least once to identify the Despatch Advice date.
 This segment is used to specify the message date along with the despatch date and the estimated delivery date.

Example :

DTM+137:200904281450:203'

The Message was created on 28th April 2009 at 2.50 PM

DTM+11:20090429:102'

DTM+17:20090430:102'

Despatch date and the delivery dates can not be earlier than the message creation date.

Delivery date can not be earlier than the despatch date.

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD	M
			Date and/or time, or period relevant to the specified date/time/period type.	
M		2005	Date/time/period qualifier	M an..3
			Code giving specific meaning to a date, time or period.	
			11 Despatch date and or time (2170) Date/time on which the goods are or are expected to be despatched or shipped. Must use. The date can not be earlier than the message creation date	
			17 Delivery date/time, estimated Date and/or time when the shipper of the goods expects delivery will take place. Must use. The date can not be earlier than the despatch date.	
			137 Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication. Must use	
>>		2380	Date/time/period	C an..35
			The value of a date, a date and time, a time or of a period in a specified representation.	
>>		2379	Date/time/period format qualifier	C an..3

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

102	CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.
203	CCYYMMDDHHMM Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.

Segment: **ALI** Additional Information
Position: 0040
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 5
Purpose: To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.

Dependency Notes:

Semantic Notes:

Comments:

Notes: The segment is used to indicate the type and status of shipment.

Example:
 ALI+++X7+164'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
X	3239		COUNTRY OF ORIGIN, CODED	C an..3
X	9213		TYPE OF DUTY REGIME, CODED	C an..3
			Refer to D.96A Data Element Dictionary for acceptable code values.	
>>	4183		SPECIAL CONDITIONS, CODED	C an..3
			Indication of a specific condition.	
			X7	
>>	4183		SPECIAL CONDITIONS, CODED	C an..3
			Indication of a specific condition.	
			164	

Group: **RFF** Segment Group 1: Reference
Position: 0070
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 10
Purpose:

Segment Summary

<u>Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0080	RFF	Reference	M	1	
Used	0090	DTM	Date/Time/Period	C	1	

Segment: **RFF Reference**
Position: 0080 (Trigger Segment)
Group: Segment Group 1 (Reference) Conditional (Required)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To specify a reference.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, invoice, consignment note number.

Example:
RFF+IV:D4228572'
RFF+CN:HT4228572'
RFF+ON:000000432056'

Data Element Summary

<u>User</u> <u>Attribute</u>	<u>Data</u> <u>Element</u>	<u>Component</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE Identification of a reference.	M
M		1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number.	M an..3
			CN Carrier's reference number Reference number assigned by carrier to a consignment. Consignment note number. Must use.	
			IV Invoice number [1334] Reference number assigned by the seller to a Commercial Invoice.	
			ON Order number (purchase) [1022] Reference number assigned by the buyer to an order. Original Harris Scarfe Purchase order number. Must use.	
>>		1154	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	C an..35

Segment: **DTM** Date/Time/Period
Position: 0090
Group: Segment Group 1 (Reference) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: To specify date, and/or time, or period.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Segment containing the date of purchase order.

Example:
 DTM+171:20090417:102'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	C507		DATE/TIME/PERIOD	M
			Date and/or time, or period relevant to the specified date/time/period type.	
M		2005	Date/time/period qualifier	M an..3
			Code giving specific meaning to a date, time or period.	
			171 Reference date/time	
			Date/time on which the reference was issued.	
			Purchase order date.	
>>		2380	Date/time/period	C an..35
			The value of a date, a date and time, a time or of a period in a specified representation.	
>>		2379	Date/time/period format qualifier	C an..3
			Specification of the representation of a date, a date and time or of a period.	
			102 CCYYMMDD	
			Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	

Group: **NAD** Segment Group 2: Name and Address
Position: 0100
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 10
Purpose:

Segment Summary

<u>Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0110	NAD	Name and Address	M	1	

Segment: **NAD** Name and Address
Position: 0110 (Trigger Segment)
Group: Segment Group 2 (Name and Address) Conditional (Required)
Level: 1
Usage: Mandatory
Max Use: 1
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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

The NAD segment is used to identify the trading partners involved in the Despatch Advice message. Identification of the buyer and supplier of goods and services is mandatory.

The delivery address given in NAD at header level is the main delivery address for all line items.

Example :

NAD+ST+1234::92'
 NAD+SU+4012345500000::92'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	3035		PARTY QUALIFIER	M an..3
			Code giving specific meaning to a party.	
		ST	Ship to	
			Identification of the party to where goods will be or have been shipped.	
			Harris Scarfe DC or Store code	
		SU	Supplier	
			(3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.	
			Harris Scarfe assigned Vendor code.	
>>	C082		PARTY IDENTIFICATION DETAILS	C
			Identification of a transaction party by code.	
M		3039	Party id. identification	M an..35
			Code identifying a party involved in a transaction.	
X		1131	Code list qualifier	C an..3
			Refer to D.96A Data Element Dictionary for acceptable code values.	
>>		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
		92	Assigned by buyer or buyer's agent	
			The ship to location code and supplier codes are assigned by Harris Scarfe.	

Group: **CPS** Segment Group 10: Consignment Packing Sequence (Shipment Level)
Position: 0370
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 1
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0380	CPS	Consignment Packing Sequence	M	1	
	0400		Segment Group 11: Package	C		9999
	0370		Segment Group 15: Consignment Packing Sequence (Order/ Store Level)	C		9999

Segment: **CPS** Consignment Packing Sequence
Position: 0380 (Trigger Segment)
Group: Segment Group 10 (Consignment Packing Sequence (Shipment Level)) Conditional
 (Required)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This is the shipment level CPS.

This can occur only once in a shipment.

Example:
CPS+1++5'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	7164		HIERARCHICAL ID. NUMBER	M an..12
			A unique number assigned by the sender to identify a level within a hierarchical structure.	
O	7166		HIERARCHICAL PARENT ID.	C an..12
			Identification number of the next higher hierarchical data segment in a hierarchical structure.	
>>	7075		PACKAGING LEVEL, CODED	C an..3
			Indication of level of packaging specified.	
		5	Shipment Level	

Group: **PAC** Segment Group 11: Package
Position: 0400
Group: Segment Group 10 (Consignment Packing Sequence (Shipment Level)) Conditional
 (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 9999
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0410	PAC	Package	M	1	
Used	0420	MEA	Measurements	C	10	

Segment: **PAC Package**
Position: 0410 (Trigger Segment)
Group: Segment Group 11 (Package) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To describe the number and type of packages/physical units.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment contains total number of packages in the shipment.

Example:
PAC+3++CT'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	7224		NUMBER OF PACKAGES	C n..8
			Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	
			Total number of packs in the shipment.	
			Must use	
X	C531		PACKAGING DETAILS	C
>>	C202		PACKAGE TYPE	C
			Type of package by name or by code from a specified source.	
>>		7065	Type of packages identification	C an..17
			Coded description of the form in which goods are presented.	
			09 Returnable Pallet	
			BG Bag	
			CT Carton	
			PK Package	
			SL Slip-sheet	

Segment: **MEA** Measurements
Position: 0420
Group: Segment Group 11 (Package) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: To specify physical measurements, including dimension tolerances, weights and counts.
Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment is used for specifying total weight and volume of the shipment.

Example:
 MEA+PD+AAB+KGM:9'
 MEA+PD+AAJ+LTR:0.004220

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	6311		MEASUREMENT APPLICATION QUALIFIER Specification of the application of the physical measurement used. PD Physical dimensions (product ordered) Specified measurement dimensions refer to physical dimensions of a product, material or package.	M an..3
>>	C502		MEASUREMENT DETAILS Identification of measurement type.	C
>>		6313	Measurement dimension, coded Specification of the type of dimension to be measured. AAB Unit gross weight [6292] Weight (mass) of goods including packing but excluding the carrier's equipment. Must use ABJ Volume The amount of air space taken up by the entity identified in the 6311 qualifier.	C an..3
>>	C174		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.	C
M		6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. KGM Kilograms LTR Litres	M an..3
>>		6314	Measurement value Value of the measured unit. Value for the total weight or volume.	C n..18

Group: **CPS** Segment Group 15: Consignment Packing Sequence (Order/ Store Level)
Position: 0370
Group: Segment Group 10 (Consignment Packing Sequence (Shipment Level)) Conditional
 (Required)
Level: 2
Usage: Conditional (Required)
Max Use: 9999
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0380	CPS	Consignment Packing Sequence	M	1	
	0550		Segment Group 20: Line Item	C		1

Segment: **CPS** Consignment Packing Sequence
Position: 0380 (Trigger Segment)
Group: Segment Group 15 (Consignment Packing Sequence (Order/ Store Level)) Conditional
 (Required)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Example:
CPS+2+1+3'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	7164		HIERARCHICAL ID. NUMBER	M an..12
			A unique number assigned by the sender to identify a level within a hierarchical structure.	
O	7166		HIERARCHICAL PARENT ID.	C an..12
			Identification number of the next higher hierarchical data segment in a hierarchical structure.	
>>	7075		PACKAGING LEVEL, CODED	C an..3
			Indication of level of packaging specified.	
		3	Outer	
			For packed merchandise, outermost level of packaging for a shipment.	

Group: **LIN** Segment Group 20: Line Item
Position: 0550
Group: Segment Group 15 (Consignment Packing Sequence (Order/ Store Level)) Conditional
 (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose:

Segment Summary

<u>User</u> <u>Attribute</u>	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0560	LIN	Line Item	M	1	
	0750		Segment Group 21: Place/Location Identification	C		1
	0370		Segment Group 22: Consignment Packing Sequence (Carton Level)	C		9999

Segment: **LIN** Line Item
Position: 0560 (Trigger Segment)
Group: Segment Group 20 (Line Item) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: To identify a line item and configuration.
Dependency Notes:
Semantic Notes:
Comments:

Notes: This LIN segment is a trigger segment and it is used for accessing the LOC segment to specify the store number.
 Example:
 LIN+0'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
>>	1082		LINE ITEM NUMBER	C n..6
			A dummy line number.	
			This can be a dummy line number.	

Group: **LOC** Segment Group 21: Place/Location Identification
Position: 0750
Group: Segment Group 20 (Line Item) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 1
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0760	LOC	Place/Location Identification	M	1	

Segment: **LOC Place/Location Identification**
Position: 0760 (Trigger Segment)
Group: Segment Group 21 (Place/Location Identification) Conditional (Optional)
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: To identify a country/place/location/related location one/related location two.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used for specifying the Store number for which the goods are shipped.

Example:
 LOC+8+HS65::92'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3227		PLACE/LOCATION QUALIFIER Code identifying the function of a location. 8 Place of destination Port, airport or other location to which a means of transport is destined.	M an..3
>>	C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C
>>		3225	Place/location identification Identification of the name of place/location, other than 3164 City name. Harris Scarfe assigned Store number.	C an..25
X		1131	Code list qualifier Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
>>		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. 92 Assigned by buyer or buyer's agent	C an..3

Group: **CPS** Segment Group 22: Consignment Packing Sequence (Carton Level)
Position: 0370
Group: Segment Group 20 (Line Item) Conditional (Optional)
Level: 4
Usage: Conditional (Required)
Max Use: 9999
Purpose:

Segment Summary

<u>Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0380	CPS	Consignment Packing Sequence	M	1	
	0400		Segment Group 23: Package	C		9999
	0550		Segment Group 41: Line Item	C		9999

Segment: **CPS** Consignment Packing Sequence
Position: 0380 (Trigger Segment)
Group: Segment Group 22 (Consignment Packing Sequence (Carton Level)) Conditional
 (Required)
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Example:
CPS+3+2+1'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	7164		HIERARCHICAL ID. NUMBER	M an..12
			A unique number assigned by the sender to identify a level within a hierarchical structure.	
O	7166		HIERARCHICAL PARENT ID.	C an..12
			Identification number of the next higher hierarchical data segment in a hierarchical structure.	
>>	7075		PACKAGING LEVEL, CODED	C an..3
			Indication of level of packaging specified.	
		1	Inner	
			Level of packing, if it exists, that is immediately subordinate to the intermediate packaging level.	

Group: **PAC** Segment Group 23: Package
Position: 0400
Group: Segment Group 22 (Consignment Packing Sequence (Carton Level)) Conditional
 (Required)
Level: 5
Usage: Conditional (Optional)
Max Use: 9999
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0410	PAC	Package	M	1	
	0470		Segment Group 25: Package Identification	C		1000

Segment: **PAC Package**
Position: 0410 (Trigger Segment)
Group: Segment Group 23 (Package) Conditional (Optional)
Level: 5
Usage: Mandatory
Max Use: 1
Purpose: To describe the number and type of packages/physical units.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is a trigger segment used for accessing the following PCI and GIN segments.

Number of packs in the current CPS level. The value will be fixed as 1.

Example:
PAC+1++CT'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	7224		NUMBER OF PACKAGES	C n..8
			Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	
			Fixed value 1.	
X	C531		PACKAGING DETAILS	C
>>	C202		PACKAGE TYPE	C
			Type of package by name or by code from a specified source.	
>>		7065	Type of packages identification	C an..17
			Coded description of the form in which goods are presented.	
			09 Returnable Pallet	
			BG Bag	
			CT Carton	
			PK Package	
			SL Slip-sheet	

Group: **PCI** Segment Group 25: Package Identification
Position: 0470
Group: Segment Group 23 (Package) Conditional (Optional)
Level: 6
Usage: Conditional (Optional)
Max Use: 1000
Purpose:

Segment Summary

<u>Attribute</u>	<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
		<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M		0480	PCI	Package Identification	M	1	
		0520		Segment Group 26: Goods Identity Number	C		99

Segment: **PCI Package Identification**
Position: 0480 (Trigger Segment)
Group: Segment Group 25 (Package Identification) Conditional (Optional)
Level: 6
Usage: Mandatory
Max Use: 1
Purpose: To specify markings and labels on individual packages or physical units.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Example:
 PCI+33E'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
>>	4233		MARKING INSTRUCTIONS, CODED	C an..3
			Code indicating instructions on how specified packages or physical units should be marked.	
			33E	

Group: **GIN** Segment Group 26: Goods Identity Number
Position: 0520
Group: Segment Group 25 (Package Identification) Conditional (Optional)
Level: 7
Usage: Conditional (Required)
Max Use: 99
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0530	GIN	Goods Identity Number	M		1

Segment: **GIN** Goods Identity Number
Position: 0530 (Trigger Segment)
Group: Segment Group 26 (Goods Identity Number) Conditional (Required)
Level: 7
Usage: Mandatory
Max Use: 1
Purpose: To give specific identification numbers, either as single numbers or ranges.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment contains the SSCC for the individual package.

Example:

GIN+BJ+00393028046155721247'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	7405		IDENTITY NUMBER QUALIFIER	M an..3
			Code specifying the type/source of identity number.	
			BJ Serial shipping container code	
			Serial code uniquely identifying a shipping container.	
M	C208		IDENTITY NUMBER RANGE	M
			Goods item identification numbers, start and end of consecutively numbered range.	
M		7402	Identity number	M an..35
			A value given to an object for identification purposes.	
			SSCC for the pack.	

Group: **LIN** Segment Group 41: Line Item
Position: 0550
Group: Segment Group 22 (Consignment Packing Sequence (Carton Level)) Conditional
 (Required)
Level: 5
Usage: Conditional (Optional)
Max Use: 9999
Purpose:

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0560	LIN	Line Item	M	1	
Used	0600	QTY	Quantity	C	10	

Segment: **LIN** Line Item
Position: 0560 (Trigger Segment)
Group: Segment Group 41 (Line Item) Conditional (Optional)
Level: 5
Usage: Mandatory
Max Use: 1
Purpose: To identify a line item and configuration.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment contains the item APN/ bar code for the product packed within the SSCC specified in the GIN segment.

Example:
 LIN+00100++9987549327209:EN'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
>>	1082		LINE ITEM NUMBER	C n..6
			Serial number designating each separate item within a series of articles.	
			Harris Scarfe require the original purchase order line number. This information will become mandatory by December 2010.	
X	1229		ACTION REQUEST/NOTIFICATION, CODED	C an..3
			Refer to D.96A Data Element Dictionary for acceptable code values.	
O	C212		ITEM NUMBER IDENTIFICATION	C
			Goods identification for a specified source.	
>>		7140	Item number	C an..35
			A number allocated to a group or item.	
>>		7143	Item number type, coded	C an..3
			Identification of the type of item number.	
		EN	International Article Numbering Association (EAN)	
			Number assigned to a manufacturer's product according to the International Article Numbering Association.	

Segment: QTY Quantity
Position: 0600
Group: Segment Group 41 (Line Item) Conditional (Optional)
Level: 6
Usage: Conditional (Optional)
Max Use: 10
Purpose: To specify a pertinent quantity.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment contains the quantity of product specified in the previous LIN segment which is packed in this pack.

Example:

QTY+12:5'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	C186		QUANTITY DETAILS	M
			Quantity information in a transaction, qualified when relevant.	
M		6063	Quantity qualifier	M an..3
			Code giving specific meaning to a quantity.	
			12 Despatch quantity	
			Quantity despatched by the seller.	
M		6060	Quantity	M n..15
			Numeric value of a quantity.	

Segment: **CNT Control Total**
Position: 0980
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 5
Purpose: To provide control total.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment contains total number of line items in the message and total quantity.

Example:

CNT+2:3'
CNT+1:14'

Data Element Summary

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

Segment: **UNT** Message Trailer
Position: 0990
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of a message.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

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

8 REMADV Remittance Advice Message (RCTI)

SEGMENT CLARIFICATION

UNH Message header

A service segment starting and uniquely identifying a message. The message type code for the Remittance advice message is REMADV.

Note: Remittance advice messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 REMADV 0052 D 0054 01B 0051 UN

BGM Beginning of message

A segment for unique identification of the Remittance Advice Message, the type of Remittance Advice and its function.

DTM Date/time/period

A segment specifying the dates, and when relevant, the times related to the whole message. The segment must be specified at least once to specify the message date as allocated by the sender.

Segment Group 1: NAD-SG2-SG3

A group of segments identifying the parties involved in the transaction and, optionally the contact points and numbers.

NAD Name and address

A segment to identify a party name and address, either by coded identification or in clear form.

It is recommended that where possible only the coded form of the party ID should be specified e.g. the Buyer and Seller are known to each other, thus only the coded ID is required.

Segment Group 5: DOC-MOA-DTM-RFF-NAD-SG6-SG7-SG9-SG10

A group of segments providing details of all documents, e.g. invoices, statements, despatch advises, etc., to which the Remittance Advice refers. It includes information on the monetary amounts for each document and on any adjustments (with an indication of the reason for adjustments) and discounts. For information purposes an indication of the tax element can be provided.

DOC Document/message details

A segment for identifying the reference document against which payment is being made.

MOA Monetary amount

A segment giving the monetary amounts for the amount due and the amount to be remitted.

DTM Date/time/period

A segment to specify the date of the referenced document and to indicate any other relevant dates applicable, e.g. Due date, Tax point date, etc.

RFF Reference

A segment for the inclusion of any additional references related to the reference document.

UNS Section control

A service segment placed at the start of the summary section to avoid segment collision.

MOA Monetary amount

A segment giving the total amount of the payment to be made or other amounts. It is taken as given, i.e. is not subject to recalculation. It may be used for check operations, such as message validation.

UNT Message trailer

A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

REMADV Remittance advice message

Notes:

The Electronic RCTI Summary is basically an EDI Remittance Advice Message (ANSI X12 - 820), that has been modified to meet ATO GST requirements.

The RCTI Summary will be transmitted on a daily basis, detailing the acceptance of each ASN and the amount of GST payable in the same manner as when the Supplier sends a conventional invoice with the Goods.

At this time, if the ASN delivery has been checked and a discrepancy is found, the RCTI will include an adjustment by ASN for net overages or underages.

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>User Attribute</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
M	0010	UNH	Message header	M	1		
M	0020	BGM	Beginning of message	M	1		
M	0030	DTM	Date/time/period	M	5		
M	0090		Segment Group 1: NAD	M		2	
M	0100	NAD	Name and address	M	1		
M	0200		Segment Group 5: DOC-MOA-DTM-RFF	M		999999	
M	0210	DOC	Document/message details	M	1		
M	0220	MOA	Monetary amount	M	2		
Must Use	0230	DTM	Date/time/period	C	1		
Must Use	0240	RFF	Reference	C	2		
M	0570	UNS	Section control	M	1		
M	0580	MOA	Monetary amount	M	2		
M	0620	UNT	Message trailer	M	1		

Segment: UNH Message header
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To head, identify and specify a message.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Remittance Advice Heading Section
 This segment is used to head, identify and specify a message.
 DE's 0065, 0052, 0054, and 0051: Indicate that the message is a UNSM
 Remittance Advice based on the D.01B directory under the control of the United
 Nations.

 Example:
 UNH+ME000001+REMADV:D:01B:UN:EAN005'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	0062		MESSAGE REFERENCE NUMBER	M an..14
			Unique message reference assigned by the sender.	
			Senders unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be exactly the same. Sender generated.	
M	S009		MESSAGE IDENTIFIER	M
			Identification of the type, version etc. of the message being interchanged.	
M		0065	Message type identifier	M an..6
			Code identifying a type of message and assigned by its controlling agency.	
		REMADV	Remittance advice message	
			A code to identify the remittance advice message.	
			EAN Description:	
			Message which provides a detailed accounting relative to a payment, or other form of financial settlement, on a specified date for the provision of goods and/or services as detailed in the advice.	
M		0052	Message type version number	M an..3
			Version number of a message type.	
		D	Draft version/UN/EDIFACT Directory	
			Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).	
M		0054	Message type release number	M an..3
			Release number within the current message type version number (0052).	
		01B	Release 2001 - B	
			Message approved and issued in the second 2001 release of the UNTDID (United Nations Trade Data Interchange Directory).	
M		0051	Controlling agency	M an..2
			Code identifying the agency controlling the specification, maintenance and publication of the message type.	
		UN	UN/CEFACT	

United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).

EAN Description:

UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).

>>

0057 Association assigned code

C an..6

Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. Indicates that the message is the EANCOM version 005 of the Remittance Advice.

EAN005

EAN version control number (EAN Code)

Segment: **BGM** Beginning of message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To indicate the type and function of a message and to transmit the identifying number.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to indicate the type and function of a message and to transmit its identifying number.
 All references other than the document number DE 1004 are in the RFF segment.

Example:
 BGM+389+RA78305+9'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
>>	C002		DOCUMENT/MESSAGE NAME Identification of a type of document/message by code or name. Code preferred.	C
>>		1001	Document name code Code specifying the document name. 389 Self-billed invoice An invoice the invoicee is producing instead of the seller.	C an..3
X		1131	Code list identification code Refer to D.01B Data Element Dictionary for acceptable code values.	C an..17
X		3055	Code list responsible agency code Refer to D.01B Data Element Dictionary for acceptable code values.	C an..3
>>		1000	Document name Name of a document. RCTI Recipient Created Tax Invoice	C an..35
>>	C106		DOCUMENT/MESSAGE IDENTIFICATION Identification of a document/message by its number and eventually its version or revision.	C
>>		1004	Document identifier To identify a document. Remittance Advice number assigned by the document initiator. It is recommended that the length of document number be restricted to a maximum of 17 characters.	C an..35
>>	1225		MESSAGE FUNCTION CODE Code indicating the function of the message. The message function coded, is a critical data element in this segment. It applies to all data indicated in the message. The following definitions apply for the restricted codes:	C an..3
		9	Original Initial transmission related to a given transaction.	

Segment: **DTM** Date/time/period
Position: 0030
Group:
Level: 1
Usage: Mandatory
Max Use: 5
Purpose: To specify date, and/or time, or period.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to specify dates related to the complete remittance advice message.
 DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in an EANCOM message.

Example:
 DTM+137:20020110:102'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
M	C507		DATE/TIME/PERIOD	M
			Date and/or time, or period relevant to the specified date/time/period type.	
M		2005	Date or time or period function code qualifier	M an..3
			Code qualifying the function of a date, time or period.	
			137 Document/message date/time	
			(2006) Date/time when a document/message is issued.	
			This may include authentication.	
>>		2380	Date or time or period value	C an..35
			The value of a date, a date and time, a time or of a period in a specified representation.	
>>		2379	Date or time or period format code	C an..3
			Code specifying the representation of a date, time or period.	
			102 CCYYMMDD	
			Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	

Group: **NAD** Segment Group 1: Name and address
Position: 0090
Group:
Level: 1
Usage: Mandatory
Max Use: 2
Purpose:
Notes: A group of segments identifying the parties involved in the transaction and, optionally the contact points and numbers.

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0100	NAD	Name and address	M		1

Segment: **NAD** Name and address
Position: 0100 (Trigger Segment)
Group: Segment Group 1 (Name and address) Mandatory
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to identify the parties exchanging the Remittance Advice message, and if necessary, any associated parties. The identification of the payer and payee, and buyer and seller if different from the payer and payee, are mandatory in the Remittance Advice message.

Example :

NAD+BY+5456789000017::9++27007427581:RCTI'

NAD+SU+3323456::92++97061388092:GST PAYABLE BY SUPPLIER'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	3035		PARTY FUNCTION CODE QUALIFIER	M an..3
			Code giving specific meaning to a party.	
			BY Buyer	
			Party to whom merchandise and/or service is sold.	
			SU Supplier	
			Party who supplies goods and/or services.	
			EAN Description:	
			Party which provides service(s) and/or manufactures or otherwise has possession of goods, and consigns or makes them available in trade.	
R	C082		PARTY IDENTIFICATION DETAILS	C
			Identification of a transaction party by code.	
M		3039	Party identifier	M an..35
			Code specifying the identity of a party.	
			For identification of parties it is recommended to use GLN - Format n13 where possible.	
X		1131	Code list identification code	C an..17
			Refer to D.01B Data Element Dictionary for acceptable code values.	
>>		3055	Code list responsible agency code	C an..3
			Code specifying the agency responsible for a code list.	
			9 EAN (International Article Numbering association)	
			EAN International, based in Belgium, is an organization of EAN Member Organizations that jointly manages the EAN.UCC System with the Uniform Code Council.	
			Used when data element 3035 = "BY"	
			92 Assigned by buyer or buyer's agent	
			Codes assigned by a buyer or buyer's agent.	
			Used when element 3052 = "SU"	
X	C058		NAME AND ADDRESS	C
D	C080		PARTY NAME	C

Group: **DOC** Segment Group 5: Document/message details
Position: 0200
Group:
Level: 1
Usage: Mandatory
Max Use: 999999
Purpose:
Notes:

A group of segments providing details of all documents, e.g. invoices, statements, despatch advices, etc, to which the Remittance Advice refers. It includes information on the monetary amounts for each document and on any adjustments (with an indication of the reason for adjustments) and discounts. For information purposes an indication of the tax element can be provided. Remittance Advice Detail Section.

Segment Summary

<u>User</u>	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
<u>Attribute</u>	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0210	DOC	Document/message details	M		1
M	0220	MOA	Monetary amount	M		2
Must Use	0230	DTM	Date/time/period	C		1
Must Use	0240	RFF	Reference	C		2

Segment: **DOC** Document/message details
Position: 0210 (Trigger Segment)
Group: Segment Group 5 (Document/message details) Mandatory
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: To identify documents and details directly related to it.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

The detail section of the Remittance Advice is formed by a repeating groups of DOC segments.

Example :
DOC+389:::ORIGINAL ASN+322978'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	C002		DOCUMENT/MESSAGE NAME	M
			Identification of a type of document/message by code or name. Code preferred.	
>>		1001	Document name code	C an..3
			Code specifying the document name.	
			389 Self-billed invoice	
			An invoice the invoicee is producing instead of the seller.	
X		1131	Code list identification code	C an..17
			Refer to D.01B Data Element Dictionary for acceptable code values.	
X		3055	Code list responsible agency code	C an..3
			Refer to D.01B Data Element Dictionary for acceptable code values.	
>>		1000	Document name	C an..35
			Name of a document.	
			One of:	
			"ORIGINAL ASN"	
			"OVR ADJUST" (over)	
			"UND ADJUST" (under)	
O	C503		DOCUMENT/MESSAGE DETAILS	C
			Identification of document/message by number, status, source and/or language.	
>>		1004	Document identifier	C an..35
			To identify a document.	

Segment: **MOA Monetary amount**
Position: 0220
Group: Segment Group 5 (Document/message details) Mandatory
Level: 2
Usage: Mandatory
Max Use: 2
Purpose: To specify a monetary amount.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to provide monetary amounts related to the document specified in the previous DOC segment.

Examples :
MOA+39:75000'
MOA+369:7500.0'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M
M		5025	Monetary amount type code qualifier Code qualifying the type of monetary amount.	M an..3
		39	Invoice total amount	
		369	[5444] Total sum charged in respect of one or more Invoices in accordance with the terms of delivery. Goods and services tax Amount charged as tax on goods and services.	
			GST Amount	
>>		5004	Monetary amount To specify a monetary amount.	C n..35

Segment: **DTM** Date/time/period
Position: 0230
Group: Segment Group 5 (Document/message details) Mandatory
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: To specify date, and/or time, or period.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to indicate the date of the document identified in the DOC segment.

Example:
 DTM+137:20021215:102'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	C507		DATE/TIME/PERIOD	M
			Date and/or time, or period relevant to the specified date/time/period type.	
M		2005	Date or time or period function code qualifier	M an..3
			Code qualifying the function of a date, time or period.	
			137 Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.	
>>		2380	Date or time or period value	C an..35
			The value of a date, a date and time, a time or of a period in a specified representation.	
>>		2379	Date or time or period format code	C an..3
			Code specifying the representation of a date, time or period.	
			102 CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	

Segment: **RFF Reference**
Position: 0240
Group: Segment Group 5 (Document/message details) Mandatory
Level: 2
Usage: Conditional (Required)
Max Use: 2
Purpose: To specify a reference.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to provide references related to the document identified in the DOC segment.

Examples :
 RFF+ALO:78321'
 RFF+ON:123456780'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	C506		REFERENCE	M
			Identification of a reference.	
M		1153	Reference code qualifier	M an..3
			Code qualifying a reference.	
		ALO	Receiving advice number	
			A reference number to a receiving advice.	
		ON	Order number (buyer)	
			[1022] Reference number assigned by the buyer to an order.	
>>		1154	Reference identifier	C an..70
			Identifies a reference.	

Segment: **UNS** Section control
Position: 0570
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To separate header, detail and summary sections of a message.

Notes:

1. To be used by message designers when required to avoid ambiguities. Mandatory only if specified for the type of message concerned.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Remittance Advice Summary Section
 This segment is used to separate the detail and summary sections of the Remittance Advice message.

Example:
 UNS+S'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>

Segment: **MOA** Monetary amount
Position: 0580
Group:
Level: 1
Usage: Mandatory
Max Use: 2
Purpose: To specify a monetary amount.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to indicate the total amount being remitted in this remittance advice.
 The currency information for the remitted amount will already have been provided in the CUX segment at heading level.

 Examples :
 MOA+9:456250'
 MOA+369:45625.0'

Data Element Summary

<u>User Attribute</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M
M		5025	Monetary amount type code qualifier Code qualifying the type of monetary amount.	M an..3
			9 Amount due/amount payable	
			Amount to be paid.	
			369 Goods and services tax	
			Amount charged as tax on goods and services.	
>>		5004	Monetary amount To specify a monetary amount.	C n..35

Segment: **UNT** Message trailer
Position: 0620
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of a message.
Dependency Notes:
Semantic Notes:
Comments:

This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.

Example:
UNT+37+ME000001'

Data Element Summary

<u>User</u>	<u>Data</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Element</u>	<u>Element</u>		
M	0074		NUMBER OF SEGMENTS IN A MESSAGE	M n..6
			Control count of number of segments in a message.	
			The total number of segments in the message is detailed here.	
M	0062		MESSAGE REFERENCE NUMBER	M an..14
			Unique message reference assigned by the sender.	
			The message reference number detailed here should equal the one specified in the UNH segment.	