

EDI Project Implementation Overview

EDI			
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1.0 Introduction

This document describes the scope of IMA's "EDI Project". It describes the required inputs from the Customers, IMA's processing & the returned outputs from IMA to the Customers. IMA has started a programme to rollout EDI connectivity to some of its customers. EDI presents clear advantages for all parties to improve efficiency and to reduce costs. The desire is for IMA to receive and return documents in EDIFACT D97A format. The scope of the project is for the customer to send in Order and get returned Order response (confirmation), Order Despatch Advice & Invoice messages. These can be implemented in a phased delivery if the distributor is only able to implement part of this functionality initially. The changes to the orders must be sent by email, afterwards they will be managed by your sales representative.

2.0 Communications Protocol

Order documents, Order Responses, Despatch Advice & Invoices can be received by IMA by means of the following:

1. We can set up an FTP account on our servers and supply you the ip address, login & password to ftp your files to this. It is mandatory for you to provide all the public IP address involved in the process, in order to let us add them to our whitelist. The files will then get "picked up" & processed shortly afterwards.
2. If you give us ip address, login & password to one of your servers, along with firewall access we can collect the files from you by looking for any new files at set intervals of time & collecting any files found.

Please specify the method you intend to use.

3.0 Contacts

If after reading this document you require any further information, or for any communication during or after testing, please e-mail ced@ima-srl.it

Could you please send us details of any relevant contacts – both Business & IT – from your side.

4.0 Edifact Orders

4.1 Specification

Edifact ORDERS

Agency: Edifact
Standard: D97A - EDIFACT VERSION D 97A
Message: ORDERS - PURCHASE ORDER MESSAGE

Structure Diagram

UNB	- INTERCHANGE HEADER	M 1
UNH	- MESSAGE (TRANSACTION SET) HEADER	M 9999
BGM	- BEGINNING OF MESSAGE	M 1
DTM	- DATE/TIME/PERIOD	M 35
PAI	- PAYMENT INSTRUCTIONS	C 1
FTX	- FREE TEXT	C 99
RFF	- REFERENCE	C 1
DTM	- DATE/TIME/PERIOD	M 35
NAD	- NAME AND ADDRESS	M 99
CTA	- CONTACT INFORMATION	C 5
COM	- COMMUNICATION CONTACT	C 5
CUX	- CURRENCIES	M 5
PAT	- PAYMENT TERMS	M 1
TOD	- TERMS OF DELIVERY	M 1
LOC	- PLACE/LOCATION IDENTIFICATION	C 2
LIN	- LINE ITEM	M 200000
PIA	- ADDITIONAL PRODUCT ID	C 25
IMD	- ITEM DESCRIPTION	C 99
QTY	- QUANTITY	M 99
DTM	- DATE/TIME/PERIOD	M 35
MOA	- MONETARY AMOUNT	C 1
RFF	- REFERENCE	C 1
PRI	- PRICE DETAILS	M 1
CUX	- CURRENCIES	C 1
UNS	- SECTION CONTROL	M 1
CNT	- CONTROL TOTAL	C 10
UNT	- MESSAGE (TRANSACTION SET) TRAILER	M 1
UNZ	- INTERCHANGE TRAILER	M 1

Segment Details

UNB - INTERCHANGE HEADER

Mandatory
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
S001	SYNTAX IDENTIFIER			M	M	
9801	SYNTAX IDENTIFIER	AN	4	M	M	'UNOC'
9922	SYNTAX VERSION NUMBER	AN	1	M	M	'
S002	INTERCHANGE SENDER			M	M	
0004	SENDER IDENTIFICATION		35	M	M	Sender code: customer code in the IMA ERP
0007	PARTNER IDENTIFICATION CODE QUALIFIER		4	C	C	
0008	ADDRESS FOR REVERSE ROUTING		14	C	C	
S003	INTERCHANGE RECIPIENT			M	M	
0010	RECIPIENT IDENTIFICATION		35	M	M	EDI Code identifying IMA
0007	PARTNER IDENTIFICATION CODE QUALIFIER		4	C	C	
0014	ROUTING ADDRESS		14	C	C	
S004	DATE/TIME OF PREPARATION			M	M	
9817	DATE		6	M	M	Date (YYMMDD) and ...
9819	TIME		4	M	M	...time (HHMM) of message preparation
9820	INTERCHANGE CONTROL REFERENCE		14	M	M	Unique reference of this message
S005	RECIPIENTS REFERENCE, PASSWORD			C	C	
9822	RECIPIENT'S REFERENCE/PASSWORD		14	M	M	
9825	RECIPIENT REFERENCE/PASSWORD QUALIFIER		2	C	C	
9826	APPLICATION REFERENCE		14	C	C	'ORDERS'
9929	PROCESSING PRIORITY, CODE		1	C	C	
9831	ACKNOWLEDGEMENT REQUESTED		1	C	C	
9832	COMMUNICATION AGREEMENT IDENTIFICATION		35	C	C	
9835	TEST INDICATION		1	C	C	'1' if test message

UNH - MESSAGE (TRANSACTION SET) HEADER

Mandatory
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
0062	MESSAGE REFERENCE NUMBER	AN	14	M	M	Count of UNHs within UNB
S009	MESSAGE IDENTIFIER	AN		M	M	
0065	MESSAGE TYPE IDENTIFIER	AN	6	M	M	'ORDERS'
0052	MESSAGE TYPE VERSION NUMBER	AN	3	M	M	'D'
0054	MESSAGE TYPE RELEASE NUMBER	AN	3	M	M	'97A'
0051	CONTROLLING AGENCY	AN	2	M	M	'UN'
0057	ASSOCIATION ASSIGNED CODE	AN	6	C	C	'EAN008'
0068	COMMON ACCESS REFERENCE	AN	35	C	C	
S010	STATUS OF THE TRANSFER			C	C	

0070	SEQUENCE MESSAGE TRANSFER NUMBER	AN	2	M	M	
0073	FIRST/LAST SEQUENCE MESSAGE TRANSFER INDICATION	AN	1	C	C	

BGM - BEGINNING OF MESSAGE

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

Mandatory

Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C002	DOCUMENT/MESSAGE NAME Identification of a type of document/message by code or name. Code preferred.			C	M	
1001	DOCUMENT/MESSAGE NAME, CODED Document/message identifier expressed in code. Note: Users should note that code values marked as additions or changes are included pending approval by the 1001 Maintenance Agency and may be disapproved or changed. The results of this review will be reflected in a future version of the draft directory.	AN	3	C	M	'220' – purchase order
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
1000	DOCUMENT/MESSAGE NAME Plain language identifier specifying the function of a document/message.	AN	35	C	C	
C106	DOCUMENT/MESSAGE IDENTIFICATION Identification of a document/message by its number and eventually its version or revision.			C	C	
1004	DOCUMENT/MESSAGE NUMBER Reference number assigned to the document/message by the issuer.	AN	35	C	M	Customer purchase order number
1056	VERSION To specify the version number or name of an object.	AN	9	C	C	
1060	REVISION NUMBER To specify a revision number	AN	6	C	C	
1225	MESSAGE FUNCTION, CODED Code indicating the function of the message.	AN	3	C	M	9' – original order
4343	RESPONSE TYPE, CODED Code specifying the type of acknowledgment required or transmitted.	AN	3	C	C	

DTM - DATE/TIME/PERIOD

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

Mandatory

Repeats: 35

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C507	DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type			M	M	
2005	DATE/TIME/PERIOD QUALIFIER Code giving specific meaning to a date, time or period.	AN	3	M	M	'137' – Order date '2' – Delivery Date Requested
2380	DATE/TIME/PERIOD The value of a date, a date and time, a time or of a period in a specified representation.	AN	35	C	C	Date relating to above qualifier.
2379	DATE/TIME/PERIOD QUALIFIER Specification of the representation of a date, a date and time or of a period.	AN	3	C	C	'102' – YYYYMMDD

PAI – Payment Instructions

A segment requesting or confirming conditions of payment, guarantee and method of payment for the whole order.

Conditional

Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C534	PAYMENT INSTRUCTION DETAILS			M	M	
4439	PAYMENT CONDITIONS Identification of the method employed or to be employed in order that a payment may be made or regarded as made. The method may or may not be tied to a guarantee	AN	3	C	C	'1' – Direct Payment
4431	PAYMENT GUARANTEE Identification of the means of guarantee.	AN	3	C	C	
4461	PAYMENT MEANS Indication of the instrument of payment, which may include a guarantee.	AN	3	C	C	'31' – Debit Transfer
1131	CODE LIST QUALIFIER	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY Code identifying the agency responsible for a code list.	AN	3	C	C	
4435	PAYMENT CHANNEL Identification of the channel of payment.	AN	3	C	C	

FTX – Free Text

A segment with free text information, in coded or clear form, used when additional information is needed but cannot be accommodated within other segments.

Conditional

Repeats: 99

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
4451	TEXT SUBJECT QUALIFIER Code specifying subject of a free text.	AN	3	C	C	'AAI' – General Information
4453	TEXT FUNCTION, CODED Code specifying how to handle the text	AN	3	C	C	
C107	TEXT REFERENCE			C	C	

4441	Free text, coded	AN	3	C	C	
1131	Code list qualifier	AN	3	C	C	
3055	Code list responsible agency	AN	3	C	C	
C108	TEXT LITERAL Free text; one to five lines.			C	C	
4440	Free text	AN	70	C	C	Free Text to go to Header Text in SAP
4440	Free text	AN	70	C	C	
4440	Free text	AN	70	C	C	
4440	Free text	AN	70	C	C	
3453	LANGUAGE	AN	3	C	C	

RFF - REFERENCE

To specify a reference.

Conditional

Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C506	REFERENCE Identification of a reference.			M	M	
1153	REFERENCE QUALIFIER Code giving specific meaning to a reference segment or a reference number.	AN	3	M	M	'ON' - Order Number
1154	REFERENCE NUMBER Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	AN	35	C	C	
1156	LINE NUMBER Number of the line in the document/message referenced in 1154 Reference number.	AN	6	C	C	Customer Order Number
4000	REFERENCE VERSION NUMBER To uniquely identify a reference by its revision number.	AN	35	C	C	

DTM - DATE/TIME/PERIOD

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

Mandatory

Repeats: 35

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C507	DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type			M	M	
2005	DATE/TIME/PERIOD QUALIFIER Code giving specific meaning to a date, time or period.	AN	3	M	M	'171' - Date Order Number Confirmed
2380	DATE/TIME/PERIOD The value of a date, a date and time, a time or of a period in a specified representation.	AN	35	C	C	Date relating to above qualifier.
2379	DATE/TIME/PERIOD FORMAT QUALIFIER Specification of the representation of a date, a date and time or of a period.	AN	3	C	C	'102' - YYYYMMDD

NAD - NAME AND ADDRESS

Conditional

To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.
This segment should be repeated three times, for each of the buyer details, seller details and delivery point details.

Repeats: 99

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
3035	PARTY QUALIFIER Code giving specific meaning to a party.	AN	3	M	M	'BY' – Buyer 'SU' - Supplier 'DP' – Delivery Point
C082	PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.			C	M	
3039	PARTY ID IDENTIFICATION Code identifying a party involved in a transaction. Note: User or association defined code. May be used in combination with 1131/3055.	AN	35	M	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	'91' – Assigned by (BY / SU) '92' – Assigned by Buyer (DP)
C058	NAME AND ADDRESS Unstructured name and address: one to five lines.			C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	M	M	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
C080	PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.			C	M	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	M	M	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	Company name
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	

3045	PARTY NAME FORMAT, CODED Specification of the representation of a party name.	AN	3	C	C	
C059	STREET Street address and/or PO Box number in a structured address: one to three lines.			C	M	
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	M	M	Address line 1
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	C	C	Address line 2
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	C	C	
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	C	C	
3164	CITY NAME Name of a city (a town, a village) for addressing purposes.	AN	35	C	C	City
3229	COUNTRY SUB-ENTITY IDENTIFICATION Identification of the name of subentities (state, province) defined by appropriate governmental agencies. Note: Use code defined by appropriate national authority	AN	9	C	C	County/state/province
3251	POSTCODE IDENTIFICATION Code defining postal zones or addresses. Note: Use code defined by appropriate national authority.	AN	9	C	C	CAP
3207	COUNTRY, CODED Identification of the name of a country or other geographical entity as specified in ISO 3166. Note: Use ISO 3166 two alpha country code.	AN	3	C	C	Country

CTA - CONTACT INFORMATION

To identify a person or a department to whom communication should be directed. Each NAD can be followed by a CTA and COM segment, giving contact details for that address.

Conditional

Repeats: 5

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
3139	CONTACT FUNCTION, CODED Code specifying the function of a contact (e.g. department or person).	AN	3	C	C	'PD' – Contact at buyer's office 'SR' – IMA sales representative GR – Contact at delivery address. OC – Order Contact
C056	DEPARTMENT OR EMPLOYEE DETAILS Code and/or name of a department or employee. Code preferred.			C	C	
3413	DEPARTMENT OR EMPLOYEE IDENTIFICATION	AN	17	C	C	

	Internal identification code. Note: Code specified by organisation concerned.					
3412	DEPARTMENT OR EMPLOYEE The department or person within an organizational entity.	AN	35	C	C	Contact or department name

COM - COMMUNICATION CONTACT

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

Conditional

Repeats: 5

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C076	COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.			M	M	
3148	COMMUNICATION NUMBER The communication number.	AN	512	M	M	Phone or email address
3155	COMMUNICATION CHANNEL QUALIFIER Code identifying the type of communication channel being used.	AN	3	M	M	'TE' = telephone number 'EM' = email address 'FX' = Fax

CUX - CURRENCIES

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

Conditional

Repeats: 5

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C504	CURRENCY DETAILS The usage to which a currency relates.			C	C	
6347	CURRENCY DETAILS QUALIFIER Specification of the usage to which the currency relates.	AN	3	M	M	'2' – reference currency
6345	CURRENCY, CODED Identification of the name or symbol of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code.	AN	3	C	C	Code of currency to be used for this purchase
6343	CURRENCY QUALIFIER Code giving specific meaning to data element 6345 Currency.	AN	3	C	C	'9' – order currency
6348	CURRENCY RATE BASE Multiplying factor used in expressing the number of currency units.	N	4	C	C	
C504	CURRENCY DETAILS The usage to which a currency relates.			C	C	
6347	CURRENCY DETAILS QUALIFIER Specification of the usage to which the currency relates.	AN	3	M	M	
6345	CURRENCY, CODED Identification of the name or symbol of the monetary unit involved in the transaction.	AN	3	C	C	

	Note: Use ISO 4217 three alpha code.					
6343	CURRENCY QUALIFIER Code giving specific meaning to data element 6345 Currency.	AN	3	C	C	
6348	CURRENCY RATE BASE Multiplying factor used in expressing the number of currency units.	N	4	C	C	
5402	RATE OF EXCHANGE The rate at which one specified currency is expressed in another specified currency.	N	12	C	C	
6341	CURRENCY MARKET EXCHANGE, CODED Code identifying the market upon which the currency exchange rate is based.	AN	3	C	C	

PAT - PAYMENT TERMS

Identification of the type of payment terms.

Conditional

Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
4279	PAYMENT TERMS TYPE QUALIFIER	AN	3	M	M	'3' – Fixed Date
C110	PAYMENT TERMS			C	C	
4277	TERMS OF PAYMENT IDENTIFICATION Identification of the terms of payment between the parties to a transaction (generic term).	AN	17	M	M	'6' – No Drafts required
1131	CODE LIST QUALIFIER	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY Code identifying the agency responsible for a code list.	AN	3	C	C	
4276	TERMS OF PAYMENT Conditions of payment between the parties to a transaction (generic term).	AN	35	C	C	
4276	TERMS OF PAYMENT Conditions of payment between the parties to a transaction (generic term).	AN	35	C	C	
C112	TERMS/TIME INFORMATION Time details in payment terms			C	C	
2475	PAYMENT TIME REF	AN	3	M	M	'5' – Date of Invoice
2009	TIME RELATION Code relating payment terms to a time before, on or after the reference date	AN	3	C	C	
2151	TYPE OF PERIOD Agreed or specified period of time	AN	3	C	C	'D'
2152	NUMBER OF PERIODS Number of periods of the type indicated in data element 2151 Type of period	AN	3	C	C	'30' – After 30 days

IMA does NOT actually use the PAT segments for anything

TOD – TERMS OF DELIVERY

A segment identifying the delivery terms to be used e.g. UN INCOTERMS code could be used to specify the delivery terms.

Conditional

Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
4055	TERMS OF DELIVERY OR TRANSPORT FUNCTION Indication whether the terms relate to e.g. price conditions, delivery conditions, transport conditions, or a combination of these.	AN	3	C	C	'6' – Delivery Condition
4215	TRANSPORT CHARGES METHOD OF PAYMENT Identification of method of payment for transport charges.	AN	3	C	C	
C100	TERMS OF DELIVERY OR TRANSPORT			C	C	
4053	TERMS OF DELIVERY OR TRANSPORT Identification of the terms agreed between two parties (e.g. seller/buyer, shipper/carrier) under which a product or service is provided.	AN	3	C	C	'CIP'
1131	CODE LIST QUALIFIER	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY Code identifying the agency responsible for a code list	AN	3	C	C	
4052	TERMS OF DELIVERY OR TRANSPORT	AN	70	C	C	
4052	TERMS OF DELIVERY OR TRANSPORT	AN	70	C	C	

LOC – PLACE/LOCATION IDENTIFICATION

segment identifying locations relevant to the delivery terms specified in the TOD segment.

Conditional A

Repeats: 2

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
3227	PLACE/LOCATION QUALIFIER Code identifying the function of a location.	AN	3	M	M	'1' – Place of terms of delivery
C517	LOCATION IDENTIFICATION Identification of a location by code or name			C	C	
3225	PLACE/LOCATION IDENTIFICATION Identification of the name of place/location, other than 3164 City name.	AN	25	C	C	
1131	CODE LIST QUALIFIER	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY	AN	3	C	C	
3224	PLACE/LOCATION Name of place/location, other than 3164 City name	AN	70	C	C	
C519	RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name			C	C	
3223	RELATED PLACE/LOCATION ONE ID	AN	25	C	C	

	Specification of the first related place/location by code.					
1131	CODE LIST QUALIFIER	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY	AN	3	C	C	
3222	RELATED PLACE/LOCATION 1 Specification of the first related place/location by name	AN	70	C	C	
C553	RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.			C	C	
3233	RELATED PLACE/LOCATION TWO ID	AN	25	C	C	
1131	CODE LIST QUALIFIER	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY	AN	3	C	C	
3232	RELATED PLACE/LOCATION 2 Specification of a second related place/location by name.	AN	70	C	C	
5479	RELATION To specify the relationship between two or more items.	AN	3	C	C	

IMA does NOT actually use the LOC segments for anything

LIN - LINE ITEM

Start of LIN loop, max 1000 repeats, to identify a line item and configuration.

Mandatory

Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
1082	LINE ITEM NUMBER Serial number designating each separate item within a series of articles.	AN	6	C	M	Counter for the number of line items in this order. This need not be the same as the purchase orders line number, which should be placed in a later field.
1229	ACTION REQUEST/NOTIFICATION, CODED Code specifying the action to be taken or already taken.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			C	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	M	Universal ID number for Item
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	M	'AM' - UPC / EAN
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C829	SUB-LINE INFORMATION To provide an indication that a			C	C	

	segment or segment group is used to contain sub-line or sub-line item information and to optionally enable the sub-line to be identified.					
5495	SUB-LINE INDICATOR, CODED Indication that the segment and/or segment group is used for sub-line item information.	AN	3	C	C	
1082	LINE ITEM NUMBER Serial number designating each separate item within a series of articles.	AN	6	C	C	
1222	CONFIGURATION LEVEL Number indicating the level of an object which is in a hierarchy.	N	2	C	C	
7083	CONFIGURATION, CODED Code indicating the status of the sub-line item in the configuration.	AN	3	C	C	

PIA - ADDITIONAL PRODUCT ID

Conditional

To specify additional or substitutional item identification codes. *This segment should be repeated twice, one for buyers part number, one for suppliers part number*

Repeats: 25

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
4347	PRODUCT ID FUNCTION QUALIFIER Indication of the function of the product code.	AN	3	M	M	'1' – additional identification
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	Part Number
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	'BH' – Manufacturer part number
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	

C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	

IMD - ITEM DESCRIPTION

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

Conditional

Repeats: 99

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
7077	ITEM DESCRIPTION TYPE, CODED Code indicating the format of a description.	AN	3	C	C	'F' – free form 'A' – Free form long description
7081	ITEM CHARACTERISTIC, CODED Code specifying the item characteristic being described.	AN	3	C	C	'8' - product
C273	ITEM DESCRIPTION Description of an item.			C	C	
7009	ITEM DESCRIPTION IDENTIFICATION Code from an industry code list which provides specific data about a product characteristic. Note: User or association defined code. May be used in combination with 1131/3055.	AN	17	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	'161' – goods description
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
7008	ITEM DESCRIPTION Plain language description of articles or products.	AN	35	C	C	Plain text description of part
7008	ITEM DESCRIPTION Plain language description of articles or products.	AN	35	C	C	
3453	LANGUAGE, CODED Code of language (ISO 639-1988). Note: Use ISO 639-1988.	AN	3	C	C	
7383	SURFACE/LAYER INDICATOR, CODED Code indicating the surface or layer of a product that is being described.	AN	3	C	C	

QTY - QUANTITY

To specify a pertinent quantity.

Mandatory

Repeats: 99

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C186	QUANTITY DETAILS Quantity information in a transaction, qualified when relevant			M	M	
6063	QUANTITY QUALIFIER Code giving specific meaning to a quantity.	AN	3	M	M	'21'
6060	QUANTITY Numeric value of a quantity.	N	15	M	M	Quantity of this part ordered
6411	MEASURE UNIT QUALIFIER Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Note: See UN/ECE Recommendation 20.	AN	3	C	C	'PCE'

DTM - DATE/TIME/PERIOD

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

Mandatory

Repeats: 35

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C507	DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type			M	M	
2005	DATE/TIME/PERIOD QUALIFIER Code giving specific meaning to a date, time or period.	AN	3	M	M	'2' – Delivery Date Requested
2380	DATE/TIME/PERIOD The value of a date, a date and time, a time or of a period in a specified representation.	AN	35	C	C	Date relating to above qualifier.
2379	DATE/TIME/PERIOD FORMAT QUALIFIER Specification of the representation of a date, a date and time or of a period.	AN	3	C	C	'102' – YYYYMMDD

MOA - MONETARY AMOUNT

To specify a monetary amount.

Conditional

Repeats: 5

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
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.	AN	3	M	M	'203' – net line total
5004	MONETARY AMOUNT Number of monetary units	N	18	C	C	Line net amount
6345	CURRENCY, CODED Identification of the name or symbol of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code.	AN	3	C	C	
6343	CURRENCY QUALIFIER Code giving specific meaning to data element 6345 Currency.	AN	3	C	C	
4405	STATUS, CODED Provides information regarding a status.	AN	3	C	C	

RFF - REFERENCE

To specify a reference.

Conditional

Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C506	REFERENCE Identification of a reference.			M	M	
1153	REFERENCE QUALIFIER	AN	3	M	M	'LI' - Line item reference

	Code giving specific meaning to a reference segment or a reference number.					number
1154	REFERENCE NUMBER Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	AN	35	C	C	Distributor Line Number
1156	LINE NUMBER Number of the line in the document/message referenced in 1154 Reference number.	AN	6	C	C	
4000	REFERENCE VERSION NUMBER To uniquely identify a reference by its revision number.	AN	35	C	C	

PRI - PRICE DETAILS

To specify price information.

Conditional

Repeats: 25

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C509	PRICE INFORMATION Identification of price type, price and related details.			C	C	
5125	PRICE QUALIFIER Identification of a type of price. Note: Code set of 5387 may be used also.	AN	3	M	M	'INF' – The price is provided for information
5118	PRICE The monetary value associated with a purchase or sale of an article, product or service.	N	15	C	C	Actual item price
5375	PRICE TYPE, CODED Code identifying the type of price of an item	AN	3	C	C	
5387	PRICE TYPE QUALIFIER Code identifying pricing specification	AN	3	C	C	'NTP' – Net Unit Price
5284	UNIT PRICE BASIS Basis on which the unit price/rate applies.	N	9	C	C	'1' – individual unit price
6411	MEASURE UNIT QUALIFIER Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Note: See UN/ECE Recommendation 20.	AN	3	C	C	'PCE'
5213	SUB-LINE PRICE CHANGE, CODED Code indicating disposition of the price change of a sub-line item.	AN	3	C	X	

IMA do NOT use the PRI details sent

CUX - CURRENCIES

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

Conditional

Repeats: 5

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C504	CURRENCY DETAILS The usage to which a currency relates.			C	C	
6347	CURRENCY DETAILS QUALIFIER Specification of the usage to which the currency relates.	AN	3	M	M	'2' – reference currency
6345	CURRENCY, CODED Identification of the name or symbol of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code.	AN	3	C	C	Currency of Price
6343	CURRENCY QUALIFIER Code giving specific meaning to data element 6345 Currency.	AN	3	C	C	
6348	CURRENCY RATE BASE Multiplying factor used in expressing the number of currency units.	N	4	C	C	
C504	CURRENCY DETAILS The usage to which a currency relates.			C	C	
6347	CURRENCY DETAILS QUALIFIER Specification of the usage to which the currency relates.	AN	3	M	M	
6345	CURRENCY, CODED Identification of the name or symbol of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code.	AN	3	C	C	
6343	CURRENCY QUALIFIER Code giving specific meaning to data element 6345 Currency.	AN	3	C	C	
6348	CURRENCY RATE BASE Multiplying factor used in expressing the number of currency units.	N	4	C	C	
5402	RATE OF EXCHANGE The rate at which one specified currency is expressed in another specified currency.	N	12	C	C	
6341	CURRENCY MARKET EXCHANGE, CODED Code identifying the market upon which the currency exchange rate is based.	AN	3	C	C	

End of LIN loop

UNS - SECTION CONTROL

Mandatory

Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
0081	SECTION IDENTIFICATION	AN	1	M	M	'S'

CNT – CONTROL TOTAL

 Conditional
 Repeats: 10

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
0074	NUMBER OF SEGMENTS IN A MESSAGE	AN	6	M	M	Number of segments in message including UNH and UNT
0062	MESSAGE REFERENCE NUMBER	AN	14	M	M	UNH message counter

UNT - MESSAGE (TRANSACTION SET) TRAILER

 Mandatory
 Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C270	CONTROL					
6069	CONTROL QUALIFIER	AN	3	M	M	'2' – Number of Line Items in Message
6066	CONTROL VALUE	N	18	M	M	Number of Line Items
6411	MEASURE UNIT QUALIFIER	AN	3	C	C	

UNZ - INTERCHANGE TRAILER

 Mandatory
 Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
9836	INTERCHANGE CONTROL COUNT	AN	6	M	M	Number of messages in this Interchange: fixed 1 for each file
9820	INTERCHANGE CONTROL REFERENCE	AN	14	M	M	Interchange control reference as in UNB

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UNB+UNOA:1+IT12345678901:9+IMA:14+220210:2030+000339++ORDERS '
UNH+000339+ORDERS:D:97A:UN:EAN008 '
BGM+220+1399+9 '
DTM+137:+20220210:102 '
DTM+2:20220210:102 '
FTX+AAI+++Porto assegnato DHL cod. abb. 057892:+IT '
RFF+ON:158/F '
NAD+BY+FOTOVIDEO SPA+VIA MONTE URANO 18+ROMA+00012+RM+IT '
NAD+DP+IT00967220427 '
CTA+OC '
CUX+2:EUR '
PAT+3+6+5::D:6 '
TOD+6++CIP '
LOC+1+xx '
LIN+1++45850404:SA '
PIA+1+45850404:SA '
IMD+A++:::MC853dn:31:GB '
QTY+21:1:PCE '
DTM+2:20220215:102 '
MOA+203:1127.85:EUR '
PRI+INF:1127.85::NTP:1:PCE '
CUX+2:EUR '
LIN+2++GY-HC500E:SA '
PIA+1+GY-HC500E:SA '
IMD+A++:::Telecamera Prova:31:GB '
QTY+21:1:PCE '
    
```

DTM+2:20220224:102'
MOA+203:12783.28:EUR'
PRI+INF:1278.33::NTP:1:PCE'
CUX+2:EUR'
UNS+S'
CNT+2:2'
UNT+32+000339'
UNZ+1+000339'

5.0 Edifact Order Response

5.1 Notes

In the Line Item segment (LIN) below, the Action Request/Notification field (1229) can hold the following values.

- 1 = Item Added – you get this in the initial ORDRSP received in reply to the original order sent in – it Confirms the line item has been added into SAP
- 2 = Item Cancelled – If the Line Item has been cancelled from within IMA's SAP system you will receive an ORDRSP which shows the line item with this action code.
- 3 = Item Changed – If you receive an ORDRSP with a number of line items in, then those which have a different Price, Quantity or despatch date, compared with the previously sent ORDRSP
- 4 = Item Unchanged – If you receive an ORDRSP with a number of line items in, then those which have the same Price, Quantity and despatch date, compared with the previously sent ORDRSP

SAP sends out ORDRSP messages whenever there is any change to the order, including notes, and also when the order is saved again, despite there is no effective change involving price, quantity or delivery date. In addition to this, unchanged items will only feature if their despatch dates are not in the past (indicating they have already been despatched).

In the DTM segment within the LIN segment (DTM+69) is the expected date of despatch of the line item. If there is currently no scheduled date then the date of 31st December of the following calendar year will be supplied, eg. on 23/11/2015 you would get DTM+69:20161231:102

5.2 Specification

Edifact ORDER RESPONSE

Agency: Edifact
Standard: D97A - EDIFACT VERSION D 97A
Message: ORDRSP - PURCHASE ORDER RESPONSE MESSAGE

Structure Diagram

UNB	- INTERCHANGE HEADER	M 1
UNH	- MESSAGE (TRANSACTION SET) HEADER	M 9999
BGM	- BEGINNING OF MESSAGE	M 1
DTM	- DATE/TIME/PERIOD	M 35
RFF	- REFERENCE	M 9999
DTM	- DATE/TIME/PERIOD	M 35
NAD	- NAME AND ADDRESS	M 99
	CTA - CONTACT INFORMATION	C 5
	COM - COMMUNICATION CONTACT	C 5
CUX	- CURRENCIES	M 5
TOD	- TERMS OF DELIVERY	M 1
LIN	- LINE ITEM	M 200000
	PIA - ADDITIONAL PRODUCT ID	C 25
	IMD - ITEM DESCRIPTION	C 99
	QTY - QUANTITY	M 99
	DTM - DATE/TIME/PERIOD	M 35
	MOA - MONETARY AMOUNT	C 1
	PRI - PRICE DETAILS	M 25
	RFF - REFERENCE	M 9999
UNS	- SECTION CONTROL	M 1
CNT	- CONTROL TOTAL	C 1
UNT	- MESSAGE (TRANSACTION SET) TRAILER	M 1
UNZ	- INTERCHANGE TRAILER	M 1

Segment Details

UNB - INTERCHANGE HEADER

Mandatory
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
S001	SYNTAX IDENTIFIER			M	M	
9801	SYNTAX IDENTIFIER	AN	4	M	M	'UNOC'
9922	SYNTAX VERSION NUMBER	AN	1	M	M	
S002	INTERCHANGE SENDER			M	M	
0004	SENDER IDENTIFICATION		35	M	M	IMA
0007	PARTNER IDENTIFICATION CODE QUALIFIER		4	C	C	
0008	ADDRESS FOR REVERSE ROUTING		14	C	C	
S003	INTERCHANGE RECIPIENT			M	M	
0010	RECIPIENT IDENTIFICATION		35	M	M	Customer code in IMA's DB
0007	PARTNER IDENTIFICATION CODE QUALIFIER		4	C	C	
0014	ROUTING ADDRESS		14	C	C	
S004	DATE/TIME OF PREPARATION			M	M	
9817	DATE		6	M	M	Date (YYYYMMDD) and ...
9819	TIME		4	M	M	...time (HHMM) of message preparation
9820	INTERCHANGE CONTROL REFERENCE		14	M	M	Unique reference of this message
S005	RECIPIENTS REFERENCE, PASSWORD			C	C	
9822	RECIPIENT'S REFERENCE/PASSWORD		14	M	M	
9825	RECIPIENT REFERENCE/PASSWORD QUALIFIER		2	C	C	
9826	APPLICATION REFERENCE		14	C	C	
9929	PROCESSING PRIORITY, CODE		1	C	C	
9831	ACKNOWLEDGEMENT REQUESTED		1	C	C	
9832	COMMUNICATION AGREEMENT IDENTIFICATION		35	C	C	
9835	TEST INDICATION		1	C	C	'1' if test message

UNH - MESSAGE (TRANSACTION SET) HEADER

Mandatory
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
0062	MESSAGE REFERENCE NUMBER	AN	14	M	M	Count of UNHs within UNB
S009	MESSAGE IDENTIFIER	AN		M	M	
0065	MESSAGE TYPE IDENTIFIER	AN	6	M	M	'ORDRSP'
0052	MESSAGE TYPE VERSION NUMBER	AN	3	M	M	'D'
0054	MESSAGE TYPE RELEASE NUMBER	AN	3	M	M	'97A'
0051	CONTROLLING AGENCY	AN	2	M	M	'UN'
0057	ASSOCIATION ASSIGNED CODE	AN	6	C	C	
0068	COMMON ACCESS REFERENCE	AN	35	C	C	
S010	STATUS OF THE TRANSFER			C	C	
0070	SEQUENCE MESSAGE TRANSFER NUMBER	AN	2	M	M	
0073	FIRST/LAST SEQUENCE MESSAGE TRANSFER	AN	1	C	C	

INDICATION						
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BGM - BEGINNING OF MESSAGE

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

Mandatory
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C002	DOCUMENT/MESSAGE NAME Identification of a type of document/message by code or name. Code preferred.			C	M	
1001	DOCUMENT/MESSAGE NAME, CODED Document/message identifier expressed in code. Note: Users should note that code values marked as additions or changes are included pending approval by the 1001 Maintenance Agency and may be disapproved or changed. The results of this review will be reflected in a future version of the draft directory.	AN	3	C	M	'231' – order response
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
1000	DOCUMENT/MESSAGE NAME Plain language identifier specifying the function of a document/message.	AN	35	C	C	
C106	DOCUMENT/MESSAGE IDENTIFICATION Identification of a document/message by its number and eventually its version or revision.			C	M	
1004	DOCUMENT/MESSAGE NUMBER Reference number assigned to the document/message by the issuer.	AN	35	C	M	IMA purchase order number format: YYYY(4)Series(2)OrderNumber(5)
1056	VERSION To specify the version number or name of an object.	AN	9	C	C	
1060	REVISION NUMBER To specify a revision number	AN	6	C	C	
1225	MESSAGE FUNCTION, CODED Code indicating the function of the message.	AN	3	C	M	'29' - order accepted without amendment '28' - order accepted with changes to header '30' - order accepted but with changes to line level '27' - order rejected '34' - accepted with amendment
4343	RESPONSE TYPE, CODED Code specifying the type of acknowledgment required or transmitted.	AN	3	C	C	

DTM - DATE/TIME/PERIOD
To specify date, and/or time, or period.

Mandatory
Repeats: 35

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C507	DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type			M	M	
2005	DATE/TIME/PERIOD QUALIFIER Code giving specific meaning to a date, time or period.	AN	3	M	M	'137' – Response Date
2380	DATE/TIME/PERIOD The value of a date, a date and time, a time or of a period in a specified representation.	AN	35	C	C	Date relating to above qualifier.
2379	DATE/TIME/PERIOD FORMAT QUALIFIER Specification of the representation of a date, a date and time or of a period.	AN	3	C	C	'102' - YYYYMMDD

RFF - REFERENCE
To specify a reference.

Mandatory
Repeats: 999

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C506	REFERENCE Identification of a reference.			M	M	
1153	REFERENCE QUALIFIER Code giving specific meaning to a reference segment or a reference number.	AN	3	M	M	'ON' – Code for Reference number assigned by the buyer to an order.
1154	REFERENCE NUMBER Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	AN	35	C	C	
1156	LINE NUMBER Number of the line in the document/message referenced in 1154 Reference number.	AN	6	C	C	Buyer Purchase Order Number (Distributor's Order Num)
4000	REFERENCE VERSION NUMBER To uniquely identify a reference by its revision number.	AN	35	C	C	

DTM - DATE/TIME/PERIOD
To specify date, and/or time, or period.

Mandatory
Repeats: 35

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C507	DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type			M	M	
2005	DATE/TIME/PERIOD QUALIFIER Code giving specific meaning to a date, time or period.	AN	3	M	M	'171' – Date/time on which the reference was issued.

2380	DATE/TIME/PERIOD The value of a date, a date and time, a time or of a period in a specified representation.	AN	35	C	C	Date relating to above qualifier.
2379	DATE/TIME/PERIOD QUALIFIER Specification of the representation of a date, a date and time or of a period.	AN	3	C	C	'102' - YYYYMMDD

NAD - NAME AND ADDRESS

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

This segment should be repeated three times, for each of the buyer details, seller details and delivery point details.

Conditional
Repeats: 99

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
3035	PARTY QUALIFIER Code giving specific meaning to a party.	AN	3	M	M	'BY' – Buyer 'SU' - Supplier 'DP' – Delivery Point
C082	PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.			C	M	
3039	PARTY ID IDENTIFICATION Code identifying a party involved in a transaction. Note: User or association defined code. May be used in combination with 1131/3055.	AN	35	M	M	Code, as agreed with IMA
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	'91' – Assigned by (BY and SU) '92' – Assigned by Buyer (DP)
C058	NAME AND ADDRESS Unstructured name and address: one to five lines.			C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	M	M	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
C080	PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.			C	M	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	M	M	Company name

3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	
3045	PARTY NAME FORMAT, CODED Specification of the representation of a party name.	AN	3	C	C	
C059	STREET Street address and/or PO Box number in a structured address: one to three lines.			C	M	
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	M	M	Address line 1
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	C	C	Address line 2
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	C	C	
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	C	C	
3164	CITY NAME Name of a city (a town, a village) for addressing purposes.	AN	35	C	C	City
3229	COUNTRY SUB-ENTITY IDENTIFICATION Identification of the name of subentities (state, province) defined by appropriate governmental agencies. Note: Use code defined by appropriate national authority	AN	9	C	C	County/state/province
3251	POSTCODE IDENTIFICATION Code defining postal zones or addresses. Note: Use code defined by appropriate national authority.	AN	9	C	C	
3207	COUNTRY, CODED Identification of the name of a country or other geographical entity as specified in ISO 3166. Note: Use ISO 3166 two alpha country code.	AN	3	C	C	Country

CTA - CONTACT INFORMATION

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

Each NAD can be followed by a CTA and COM segment, giving contact details for that address.

Conditional
Repeats: 5

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
3139	CONTACT FUNCTION, CODED Code specifying the function of a contact (e.g. department or person).	AN	3	C	C	'PD' – Contact at buyer's office 'SR' – IMA sales representative GR – Contact at delivery address.
C056	DEPARTMENT OR EMPLOYEE DETAILS Code and/or name of a department or employee. Code preferred.			C	C	
3413	DEPARTMENT OR EMPLOYEE IDENTIFICATION Internal identification code. Note: Code specified by organisation concerned.	AN	17	C	C	
3412	DEPARTMENT OR EMPLOYEE The department or person within an organizational entity.	AN	35	C	C	Contact or department name

COM - COMMUNICATION CONTACT

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

Conditional
Repeats: 5

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C076	COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.			M	M	
3148	COMMUNICATION NUMBER The communication number.	AN	512	M	M	Phone or email address
3155	COMMUNICATION CHANNEL QUALIFIER Code identifying the type of communication channel being used.	AN	3	M	M	'TE' = telephone number 'EM' = email address

CUX - CURRENCIES

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

Conditional
Repeats: 5

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C504	CURRENCY DETAILS The usage to which a currency relates.			C	C	
6347	CURRENCY DETAILS QUALIFIER Specification of the usage to which the currency relates.	AN	3	M	M	'2' – reference currency
6345	CURRENCY, CODED Identification of the name or symbol of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code.	AN	3	C	C	Code of currency to be used for this purchase
6343	CURRENCY QUALIFIER	AN	3	C	C	'9' – order currency

	Code giving specific meaning to data element 6345 Currency.					
6348	CURRENCY RATE BASE Multiplying factor used in expressing the number of currency units.	N	4	C	C	
C504	CURRENCY DETAILS The usage to which a currency relates.			C	C	
6347	CURRENCY DETAILS QUALIFIER Specification of the usage to which the currency relates.	AN	3	M	M	
6345	CURRENCY, CODED Identification of the name or symbol of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code.	AN	3	C	C	
6343	CURRENCY QUALIFIER Code giving specific meaning to data element 6345 Currency.	AN	3	C	C	
6348	CURRENCY RATE BASE Multiplying factor used in expressing the number of currency units.	N	4	C	C	
5402	RATE OF EXCHANGE The rate at which one specified currency is expressed in another specified currency.	N	12	C	C	
6341	CURRENCY MARKET EXCHANGE, CODED Code identifying the market upon which the currency exchange rate is based.	AN	3	C	C	

TOD – TERMS OF DELIVERY

A segment identifying the delivery terms to be used e.g. UN INCOTERMS code could be used to specify the delivery terms.

Conditional
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
4055	TERMS OF DELIVERY OR TRANSPORT FUNCTION Indication whether the terms relate to e.g. price conditions, delivery conditions, transport conditions, or a combination of these.	AN	3	C	C	'2' – Despatch Condition
4215	TRANSPORT CHARGES METHOD OF PAYMENT Identification of method of payment for transport charges.	AN	3	C	C	
C100	TERMS OF DELIVERY OR TRANSPORT			C	C	
4053	TERMS OF DELIVERY OR TRANSPORT Identification of the terms agreed between two parties (e.g. seller/buyer, shipper/carrier) under which a product or service is provided.	AN	3	C	C	'CIP'
1131	CODE LIST QUALIFIER	AN	3	C	C	

3055	CODE LIST RESPONSIBLE AGENCY Code identifying the agency responsible for a code list	AN	3	C	C	
4052	TERMS OF DELIVERY OR TRANSPORT	AN	70	C	C	
4052	TERMS OF DELIVERY OR TRANSPORT	AN	70	C	C	

Start of LIN loop, 1000 repeats

LIN - LINE ITEM

To identify a line item and configuration.

Mandatory

Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
1082	LINE ITEM NUMBER Serial number designating each separate item within a series of articles.	AN	6	C	M	Counter for the number of line items in this order. This need not be the same as the purchase orders line number, which should be placed in a later field.
1229	ACTION REQUEST/NOTIFICATION, CODED Code specifying the action to be taken or already taken.	AN	3	C	C	'1' – item added '2' – item cancelled '3' – item changed '5' – item accepted without change All codes SINCE previous ORDRSP – see notes prior to specification
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			C	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	M	Item Code
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	M	'AM' – UPC / EAN
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C829	SUB-LINE INFORMATION To provide an indication that a segment or segment group is used to contain sub-line or sub-line item information and to optionally enable the sub-line to be identified.			C	C	
5495	SUB-LINE INDICATOR, CODED Indication that the segment and/or segment group is used for sub-line item information.	AN	3	C	C	
1082	LINE ITEM NUMBER Serial number designating each	AN	6	C	C	

	separate item within a series of articles.					
1222	CONFIGURATION LEVEL Number indicating the level of an object which is in a hierarchy.	N	2	C	C	
7083	CONFIGURATION, CODED Code indicating the status of the sub-line item in the configuration.	AN	3	C	C	

PIA - ADDITIONAL PRODUCT ID
To specify additional or substitutional item identification codes.

Conditional
Repeats: 25

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
4347	PRODUCT ID FUNCTION QUALIFIER Indication of the function of the product code.	AN	3	M	M	'1' – additional identification
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	Part number
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	'BH' – Manufacturer part number
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	

1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	

IMD - ITEM DESCRIPTION

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

Conditional
Repeats: 99

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
7077	ITEM DESCRIPTION TYPE, CODED Code indicating the format of a description.	AN	3	C	C	'A' – Long free form
7081	ITEM CHARACTERISTIC, CODED Code specifying the item characteristic being described.	AN	3	C	C	'8' - product
C273	ITEM DESCRIPTION Description of an item.			C	C	
7009	ITEM DESCRIPTION IDENTIFICATION Code from an industry code list which provides specific data about a product characteristic. Note: User or association defined code. May be used in combination with 1131/3055.	AN	17	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	'161' – goods description
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
7008	ITEM DESCRIPTION Plain language description of articles or products.	AN	35	C	C	Plain text description of part
7008	ITEM DESCRIPTION Plain language description of articles or products.	AN	35	C	C	
3453	LANGUAGE, CODED Code of language (ISO 639-1988). Note: Use ISO 639-1988.	AN	3	C	C	
7383	SURFACE/LAYER INDICATOR, CODED Code indicating the surface or layer of a product that is being described.	AN	3	C	C	

QTY - QUANTITY
To specify a pertinent quantity.

Mandatory
Repeats: 99

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C186	QUANTITY DETAILS Quantity information in a transaction, qualified when relevant			M	M	
6063	QUANTITY QUALIFIER Code giving specific meaning to a quantity.	AN	3	M	M	'21' Ordered Quantity '169' Qty in previous despatches '187' Qty in next despatch '91' Qty left after next despatch
6060	QUANTITY Numeric value of a quantity.	N	15	M	M	Quantity of this part ordered
6411	MEASURE UNIT QUALIFIER Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Note: See UN/ECE Recommendation 20.	AN	3	C	C	'PCE'

DTM - DATE/TIME/PERIOD
To specify date, and/or time, or period.

Mandatory
Repeats: 35

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C507	DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type			M	M	
2005	DATE/TIME/PERIOD QUALIFIER Code giving specific meaning to a date, time or period.	AN	3	M	M	'69' – code for promised delivery date – it is however next Despatch Date
2380	DATE/TIME/PERIOD The value of a date, a date and time, a time or of a period in a specified representation.	AN	35	C	C	Estimated despatch date
2379	DATE/TIME/PERIOD FORMAT QUALIFIER Specification of the representation of a date, a date and time or of a period.	AN	3	C	C	'102' - YYYYMMDD

MOA - MONETARY AMOUNT
To specify a monetary amount.

Conditional
Repeats: 5

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
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.	AN	3	M	M	203' – net line total
5004	MONETARY AMOUNT	N	18	C	C	Line net amount

6345	Number of monetary units CURRENCY, CODED Identification of the name or symbol of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code.	AN	3	C	C	
6343	CURRENCY QUALIFIER Code giving specific meaning to data element 6345 Currency.	AN	3	C	C	
4405	STATUS, CODED Provides information regarding a status.	AN	3	C	C	

PRI - PRICE DETAILS

To specify price information.

Mandatory

Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C509	PRICE INFORMATION Identification of price type, price and related details.			C	C	
5125	PRICE QUALIFIER Identification of a type of price. Note: Code set of 5387 may be used also.	AN	3	M	M	'INF' – informational purposes only
5118	PRICE The monetary value associated with a purchase or sale of an article, product or service.	N	15	C	C	Unit price
5375	PRICE TYPE, CODED Code identifying the type of price of an item	AN	3	C	C	
5387	PRICE TYPE QUALIFIER Code identifying pricing specification	AN	3	C	C	'NTP' – Net Unit Price
5284	UNIT PRICE BASIS Basis on which the unit price/rate applies.	N	9	C	C	'1' – individual unit price
6411	MEASURE UNIT QUALIFIER Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Note: See UN/ECE Recommendation 20.	AN	3	C	C	PCE'
5213	SUB-LINE PRICE CHANGE, CODED Code indicating disposition of the price change of a sub-line item.	AN	3	C	C	

RFF - REFERENCE
To specify a reference.

Conditional
 Repeats: 999

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C506	REFERENCE Identification of a reference.			M	M	
1153	REFERENCE QUALIFIER Code giving specific meaning to a reference segment or a reference number.	AN	3	M	M	'LI' – IMA's Order LIN reference 'ON' – Reference number assigned by the buyer to an order
1154	REFERENCE NUMBER Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	AN	35	C	C	IMA's Order LIN reference (LI) Customer Order Number (ON)
1156	LINE NUMBER Number of the line in the document/message referenced in 1154 Reference number.	AN	6	C	C	IMA Order Line Number (LI) Customer Order Line Number (ON)
4000	REFERENCE VERSION NUMBER To uniquely identify a reference by its revision number.	AN	35	C	C	

End of LIN loop

UNS - SECTION CONTROL

Mandatory
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
0081	SECTION IDENTIFICATION	AN	1	M	M	'S'

CNT – CONTROL TOTAL

Conditional
Repeats: 10

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
0074	NUMBER OF SEGMENTS IN A MESSAGE	AN	6	M	M	Number of segments in message including UNH and UNT
0062	MESSAGE REFERENCE NUMBER	AN	14	M	M	UNH message counter

UNT - MESSAGE (TRANSACTION SET) TRAILER

Mandatory
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
0074	NUMBER OF SEGMENTS IN A MESSAGE	AN	6	M	M	Number of segments in message including UNH and UNT
0062	MESSAGE REFERENCE NUMBER	AN	14	M	M	UNH message counter

UNZ - INTERCHANGE TRAILER

Mandatory
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
9836	INTERCHANGE CONTROL COUNT	AN	6	M	M	Number of messages in this Interchange (always 1)
9820	INTERCHANGE CONTROL REFERENCE	AN	14	M	M	Interchange control reference as in UNB

5.3 Sample Message

```

UNA:+.? '
UNB+UNOC:3+IMA+4764+20220324+1244+110'
UNH+1+ORDRSP:D:97A:UN:EAN005'
BGM+231+20220401527+34'
DTM+137:20220223:102'
RFF+ON:167'
DTM+171:20220223:102'
NAD+SU+IMA::91'
NAD+BY+IT12345678901::91++FOTOVIDEO           SPA+VIA           MONTE           URANO
18+ROMA+00012+RM+IT'
NAD+DP+0::92++IT PLUS SRL+VIA ROMA, 72+TAIO++38012+IT'
CUX+2:EUR:9'
TOD+2++CIP'
LIN+1+5+01282903:VP'

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PIA+1+01282903:BH'
QTY+21:10:PCE'
QTY+169:10:PCE'
QTY+187:0:PCE'
DTM+69:20220331:102'
MOA+203:896,5'
PRI+INF:89,65::NTP:1:PCE'
RFF+LI:20220401527:1'
RFF+ON:167:1'
LIN+2+5+45643512:VP'
PIA+1+45643512:BH'
QTY+21:2:PCE'
QTY+169:2:PCE'
QTY+187:0:PCE'
DTM+69:20220331:102'
MOA+203:96,38'
PRI+INF:48,19::NTP:1:PCE'
RFF+LI:20220401527:2'
RFF+ON:167:2'
LIN+3+5+45643511:VP'
PIA+1+45643511:BH'
QTY+21:2:PCE'
QTY+169:2:PCE'
QTY+187:0:PCE'
DTM+69:20220331:102'
MOA+203:143,64'
PRI+INF:71,82::NTP:1:PCE'
RFF+LI:20220401527:3'
RFF+ON:167:3'
LIN+4+5+45643510:VP'
PIA+1+45643510:BH'
QTY+21:2:PCE'
QTY+169:2:PCE'
QTY+187:0:PCE'
DTM+69:20220331:102'
MOA+203:143,64'
PRI+INF:71,82::NTP:1:PCE'
RFF+LI:20220401527:4'
RFF+ON:167:4'
LIN+5+5+45643509:VP'
PIA+1+45643509:BH'
QTY+21:2:PCE'
QTY+169:1:PCE'
QTY+187:1:PCE'
DTM+69:20220331:102'
MOA+203:143,64'
PRI+INF:71,82::NTP:1:PCE'
RFF+LI:20220401527:5'
RFF+ON:167:5'
LIN+6+5+C13T671400:VP'
PIA+1+C13T671400:BH'
QTY+21:6:PCE'

QTY+169:6:PCE'
QTY+187:0:PCE'
DTM+69:20220331:102'
MOA+203:150,54'
PRI+INF:25,09::NTP:1:PCE'
RFF+LI:20220401527:6'
RFF+ON:167:6'
LIN+7+5+C13T671600:VP'
PIA+1+C13T671600:BH'
QTY+21:10:PCE'
QTY+169:10:PCE'
QTY+187:0:PCE'
DTM+69:20220331:102'
MOA+203:188,9'
PRI+INF:18,89::NTP:1:PCE'
RFF+LI:20220401527:7'
RFF+ON:167:7'
LIN+8+5+C13T01C400:VP'
PIA+1+C13T01C400:BH'
QTY+21:10:PCE'
QTY+169:10:PCE'
QTY+187:0:PCE'
DTM+69:20220331:102'
MOA+203:264,2'
PRI+INF:26,42::NTP:1:PCE'
RFF+LI:20220401527:8'
RFF+ON:167:8'
LIN+9+5+C13T01C300:VP'
PIA+1+C13T01C300:BH'
QTY+21:8:PCE'
QTY+169:8:PCE'
QTY+187:0:PCE'
DTM+69:20220331:102'
MOA+203:211,36'
PRI+INF:26,42::NTP:1:PCE'
RFF+LI:20220401527:9'
RFF+ON:167:9'
LIN+10+5+C13T01C200:VP'
PIA+1+C13T01C200:BH'
QTY+21:6:PCE'
QTY+169:6:PCE'
QTY+187:0:PCE'
DTM+69:20220331:102'
MOA+203:158,52'
PRI+INF:26,42::NTP:1:PCE'
RFF+LI:20220401527:10'
RFF+ON:167:10'
LIN+11+5+01283601:VP'
PIA+1+01283601:BH'
QTY+21:5:PCE'
QTY+169:5:PCE'
QTY+187:0:PCE'

DTM+69:20220331:102'
 MOA+203:421,95'
 PRI+INF:84,39::NTP:1:PCE'
 RFF+LI:20220401527:11'
 RFF+ON:167:11'
 LIN+12+5+01247402:VP'
 PIA+1+01247402:BH'
 QTY+21:1:PCE'
 QTY+169:1:PCE'
 QTY+187:0:PCE'
 DTM+69:20220331:102'
 MOA+203:69,15'
 PRI+INF:69,15::NTP:1:PCE'
 RFF+LI:20220401527:12'
 RFF+ON:167:12'
 LIN+13+5+44844476:VP'
 PIA+1+44844476:BH'
 QTY+21:3:PCE'
 QTY+169:3:PCE'
 QTY+187:0:PCE'
 DTM+69:20220331:102'
 MOA+203:198,33'
 PRI+INF:66,11::NTP:1:PCE'
 RFF+LI:20220401527:13'
 RFF+ON:167:13'
 UNS+S'
 CNT+2:13'
 UNT+143+1'
 UNZ+1+110'

6.0 Edifact Despatch Advice

6.1 Specification

Edifact Despatch advice message

Agency: Edifact
Standard: D97A - EDIFACT VERSION D 97A
Message: DESADV - DESPATCH ADVICE MESSAGE

Structure Diagram

UNB	- INTERCHANGE HEADER	M 1
UNH	- MESSAGE (TRANSACTION SET) HEADER	M 9999
BGM	- BEGINNING OF MESSAGE	M 1
DTM	- DATE/TIME/PERIOD	C 10
RFF	- REFERENCE	C 10
NAD	- NAME AND ADDRESS	C 10
TOD	- TERMS OF DELIVERY	C 1
CPS	- CONSIGNMENT PACKING SEQUENCE	C 9999

PAC	- PACKAGE	C 9999
	MEA - MEASUREMENTS	C 10
LIN	- LINE ITEM	C 9999
	PIA - ADDITIONAL PRODUCT ID	C 10
	IMD - ITEM DESCRIPTION	C 25
	QTY - QUANTITY	C 10
	RFF - REFERENCE	C 99
	PCI - PACKAGE IDENTIFICATION	C 1
	GIN - GOODS IDENTITY NUMBER	C 99
UNT	- MESSAGE (TRANSACTION SET) TRAILER	M 1
UNZ	- INTERCHANGE TRAILER	M 1

Segment Details

UNB - INTERCHANGE HEADER

Mandatory

Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
S001	SYNTAX IDENTIFIER			M	M	
9801	SYNTAX IDENTIFIER	AN	4	M	M	'UNOC'
9922	SYNTAX VERSION NUMBER	AN	1	M	M	
S002	INTERCHANGE SENDER			M	M	
0004	SENDER IDENTIFICATION		35	M	M	'IMA'
0007	PARTNER IDENTIFICATION CODE QUALIFIER		4	C	C	'14'
0008	ADDRESS FOR REVERSE ROUTING		14	C	C	
S003	INTERCHANGE RECIPIENT			M	M	
0010	RECIPIENT IDENTIFICATION		35	M	M	Customer Code in IMA's DB
0007	PARTNER IDENTIFICATION CODE QUALIFIER		4	C	C	'14'
0014	ROUTING ADDRESS		14	C	C	
S004	DATE/TIME OF PREPARATION			M	M	
9817	DATE		6	M	M	Date (YYMMDD) and ...
9819	TIME		4	M	M	...time (HHMM) of message preparation
9820	INTERCHANGE CONTROL REFERENCE		14	M	M	Unique reference of this message
S005	RECIPIENTS REFERENCE, PASSWORD			C	C	
9822	RECIPIENT'S REFERENCE/PASSWORD		14	M	M	
9825	RECIPIENT REFERENCE/PASSWORD QUALIFIER		2	C	C	
9826	APPLICATION REFERENCE		14	C	C	
9929	PROCESSING PRIORITY, CODE		1	C	C	
9831	ACKNOWLEDGEMENT REQUESTED		1	C	C	
9832	COMMUNICATION AGREEMENT IDENTIFICATION		35	C	C	
9835	TEST INDICATION		1	C	C	'1' if test message

UNH - MESSAGE (TRANSACTION SET) HEADER

Mandatory

Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
0062	MESSAGE REFERENCE NUMBER	AN	14	M	M	Count of UNHs within UNB
S009	MESSAGE IDENTIFIER	AN		M	M	
0065	MESSAGE TYPE IDENTIFIER	AN	6	M	M	'DESADV'
0052	MESSAGE TYPE VERSION NUMBER	AN	3	M	M	'D'
0054	MESSAGE TYPE RELEASE NUMBER	AN	3	M	M	'97A'
0051	CONTROLLING AGENCY	AN	2	M	M	'UN'
0057	ASSOCIATION ASSIGNED CODE	AN	6	C	C	
0068	COMMON ACCESS REFERENCE	AN	35	C	C	
S010	STATUS OF THE TRANSFER			C	C	
0070	SEQUENCE MESSAGE TRANSFER NUMBER	AN	2	M	C	
0073	FIRST/LAST SEQUENCE MESSAGE TRANSFER INDICATION	AN	1	C	C	

BGM - BEGINNING OF MESSAGE

Mandatory

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

Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C002	DOCUMENT/MESSAGE NAME Identification of a type of document/message by code or name. Code preferred.			C	M	
1001	DOCUMENT/MESSAGE NAME, CODED Document/message identifier expressed in code. Note: Users should note that code values marked as additions or changes are included pending approval by the 1001 Maintenance Agency and may be disapproved or changed. The results of this review will be reflected in a future version of the draft directory.	AN	3	C	M	'351' – despatch advice
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
1000	DOCUMENT/MESSAGE NAME Plain language identifier specifying the function of a document/message.	AN	35	C	C	
C106	DOCUMENT/MESSAGE IDENTIFICATION Identification of a document/message by its number and eventually its version or revision.			C	M	
1004	DOCUMENT/MESSAGE NUMBER Reference number assigned to the document/message by the issuer.	AN	35	C	M	Distributor's despatch advice number
1056	VERSION To specify the version number or name of an object.	AN	9	C	C	
1060	REVISION NUMBER To specify a revision number	AN	6	C	C	
1225	MESSAGE FUNCTION, CODED Code indicating the function of the	AN	3	C	M	'9' – original document

	message.					
4343	RESPONSE TYPE, CODED Code specifying the type of acknowledgment required or transmitted.	AN	3	C	C	

DTM - DATE/TIME/PERIOD
To specify date, and/or time, or period.

Mandatory
Repeats: 10

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C507	DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type			M	M	
2005	DATE/TIME/PERIOD QUALIFIER Code giving specific meaning to a date, time or period.	AN	3	M	M	'11' - Despatch Date '137' - Document Date
2380	DATE/TIME/PERIOD The value of a date, a date and time, a time or of a period in a specified representation.	AN	35	C	C	Document date – date of Despatch Advice.
2379	DATE/TIME/PERIOD FORMAT QUALIFIER Specification of the representation of a date, a date and time or of a period.	AN	3	C	C	'102' - YYYYMMDD

RFF - REFERENCE
To specify a reference.

Conditional
Repeats: 10

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C506	REFERENCE Identification of a reference.			M	M	
1153	REFERENCE QUALIFIER Code giving specific meaning to a reference segment or a reference number.	AN	3	M	M	'AAK' – Despatch Advice Number
1154	REFERENCE NUMBER Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	AN	35	C	C	IMA Despatch Advice Number
1156	LINE NUMBER Number of the line in the document/message referenced in 1154 Reference number.	AN	6	C	C	
4000	REFERENCE VERSION NUMBER To uniquely identify a reference by its revision number.	AN	35	C	C	

NAD - NAME AND ADDRESS

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

This segment should be repeated two times, for seller details and delivery point details.

Conditional

Repeats: 99

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
3035	PARTY QUALIFIER Code giving specific meaning to a party.	AN	3	M	M	'DP' – Delivery Point 'SU' - Supplier
C082	PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.			C	M	
3039	PARTY ID IDENTIFICATION Code identifying a party involved in a transaction. Note: User or association defined code. May be used in combination with 1131/3055.	AN	35	M	M	Code, as agreed with IMA
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C058	NAME AND ADDRESS Unstructured name and address: one to five lines.			C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	M	M	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
C080	PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.			C	M	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	M	M	Company name
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	
3045	PARTY NAME FORMAT, CODED	AN	3	C	C	

	Specification of the representation of a party name.						
C059	STREET Street address and/or PO Box number in a structured address: one to three lines.			C	M		
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	M	M	Address line 1	
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	C	C	Address line 2	
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	C	C		
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	C	C		
3164	CITY NAME Name of a city (a town, a village) for addressing purposes.	AN	35	C	C	City	
3229	COUNTRY SUB-ENTITY IDENTIFICATION Identification of the name of subentities (state, province) defined by appropriate governmental agencies. Note: Use code defined by appropriate national authority	AN	9	C	C	County/state/province	
3251	POSTCODE IDENTIFICATION Code defining postal zones or addresses. Note: Use code defined by appropriate national authority.	AN	9	C	C		
3207	COUNTRY, CODED Identification of the name of a country or other geographical entity as specified in ISO 3166. Note: Use ISO 3166 two alpha country code.	AN	3	C	C	Country	

TOD – TERMS OF DELIVERY

A segment identifying the delivery terms to be used e.g. UN INCOTERMS code could be used to specify the delivery terms.

Conditional

Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
4055	TERMS OF DELIVERY OR TRANSPORT FUNCTION Indication whether the terms relate to e.g. price conditions, delivery conditions, transport conditions, or a combination of these.	AN	3	C	C	'2' – Despatch Condition
4215	TRANSPORT CHARGES METHOD OF PAYMENT Identification of method of payment for transport charges.	AN	3	C	C	
C100	TERMS OF DELIVERY OR TRANSPORT			C	C	

4053	TERMS OF DELIVERY OR TRANSPORT Identification of the terms agreed between two parties (e.g. seller/buyer, shipper/carrier) under which a product or service is provided.	AN	3	C	C	'CIP'
1131	CODE LIST QUALIFIER	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY Code identifying the agency responsible for a code list	AN	3	C	C	
4052	TERMS OF DELIVERY OR TRANSPORT	AN	70	C	C	
4052	TERMS OF DELIVERY OR TRANSPORT	AN	70	C	C	

CPS - CONSIGNMENT PACKING SEQUENCE

To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

IMA will populate multiple repeats of the CPS loop for both each outer package and then each inner package within that.

Conditional

Repeats: 9999

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
7164	HIERARCHICAL ID NUMBER A unique number assigned by the sender to identify a level within a hierarchical structure.	AN	12	M	M	Counter either for outer package, or for inner packages within an outer package Always set as 1 !!
7166	HIERARCHICAL PARENT ID Identification number of the next higher hierarchical data segment in a hierarchical structure.	AN	12	C	C	
7075	PACKAGING LEVEL, CODED Indication of level of packaging specified.	AN	3	C	C	

PAC - PACKAGE

To describe the number and type of packages/physical units.

Conditional

Repeats: 9999

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
7224	NUMBER OF PACKAGES 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.	N	8	C	C	Outer package only – number of inner packages in this outer package
C531	PACKAGING DETAILS Packaging level and details, terms and conditions.			C	C	
7075	PACKAGING LEVEL, CODED Indication of level of packaging specified.	AN	3	C	C	'3' – outer package '2' – inner package
7233	PACKAGING RELATED INFORMATION, CODED Code giving packaging, handling and	AN	3	C	C	

	marking related information.					
7073	PACKAGING TERMS AND CONDITIONS, CODED Code identifying packaging terms and conditions.	AN	3	C	C	
C202	PACKAGE TYPE Type of package by name or by code from a specified source.			C	C	
7065	TYPE OF PACKAGES IDENTIFICATION Coded description of the form in which goods are presented. Note: See UN/ECE Recommendation No. 21 (See Vol. II of UNTDED). May be used in combination with 1131/3055.	AN	17	C	C	'2' - box
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
7064	TYPE OF PACKAGES Description of the form in which goods are presented.	AN	35	C	C	
C402	PACKAGE TYPE IDENTIFICATION Identification of the form in which goods are described.			C	C	
7077	ITEM DESCRIPTION TYPE, CODED Code indicating the format of a description	AN	3	M	M	
7064	TYPE OF PACKAGES Description of the form in which goods are presented.	AN	35	M	M	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
7064	TYPE OF PACKAGES Description of the form in which goods are presented.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
C532	RETURNABLE PACKAGE DETAILS Indication of responsibility for payment and load contents of returnable packages.			C	C	
8395	RETURNABLE PACKAGE FREIGHT PAYMENT RESPONSIBILITY, To indicate responsibility for payment of return freight charges for packaging that is returnable.	AN	3	C	C	
8393	RETURNABLE PACKAGE LOAD CONTENTS, CODED	AN	3	C	C	

To indicate the composition of goods loaded into a returnable package.

The PAC segment is not actually used by IMA

MEA - MEASUREMENTS

To specify physical measurements, including dimension tolerances, weights and counts.

Can be used either for inner or outer packages, according to what information is available

Conditional

Repeats: 10

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
6311	MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement.	AN	3	M	M	'WT' – weight 'PD' – physical dimension
C502	MEASUREMENT DETAILS Identification of measurement type.			C	C	
6313	PROPERTY MEASURED, CODED Specification of the property measured.	AN	3	C	C	'AAD' – gross weight 'AAC' – net weight 'ABJ' - volume
6321	MEASUREMENT SIGNIFICANCE, CODED Code specifying the significance of a measurement value.	AN	3	C	C	
6155	MEASUREMENT ATTRIBUTE IDENTIFICATION Code used to specify non-discrete measurement values.	AN	17	C	C	
6154	MEASUREMENT ATTRIBUTE To specify non-discrete measurement values.	AN	70	C	C	
C174	VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.			C	C	
6411	MEASURE UNIT QUALIFIER Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Note: See UN/ECE Recommendation 20.	AN	3	M	M	'CMQ' – cubic centimetres 'KGM' - kilogrammes
6314	MEASUREMENT VALUE Value of the measured unit.	AN	18	C	C	Actual dimension or weight figure
6162	RANGE MINIMUM Minimum of a range.	N	18	C	C	
6152	RANGE MAXIMUM Maximum of a range.	N	18	C	C	
6432	SIGNIFICANT DIGITS To specify the number of significant digits.	N	2	C	C	
7383	SURFACE/LAYER INDICATOR, CODED Code indicating the surface or layer of a product that is being described.	AN	3	C	C	

The MEA segment is not actually used by IMA

Start of LIN loop, 9999 repeats

This entire loop is only used for inner packages, and gives details of the parts held within them

LIN - LINE ITEM

To identify a line item and configuration.

Conditional

Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
1082	LINE ITEM NUMBER Serial number designating each separate item within a series of articles.	AN	6	C	M	Counter for the number of line items in this order. This need not be the same as the purchase orders line number, which should be placed in a later field.
1229	ACTION REQUEST/NOTIFICATION, CODED Code specifying the action to be taken or already taken.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			C	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	M	Item Code (UPC/EAN)
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	M	'AM' – UPC / EAN
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C829	SUB-LINE INFORMATION To provide an indication that a segment or segment group is used to contain sub-line or sub-line item information and to optionally enable the sub-line to be identified.			C	C	
5495	SUB-LINE INDICATOR, CODED Indication that the segment and/or segment group is used for sub-line item information.	AN	3	C	C	
1082	LINE ITEM NUMBER Serial number designating each separate item within a series of articles.	AN	6	C	C	
1222	CONFIGURATION LEVEL Number indicating the level of an object which is in a hierarchy.	N	2	C	C	
7083	CONFIGURATION, CODED Code indicating the status of the sub-line item in the configuration.	AN	3	C	C	

PIA - ADDITIONAL PRODUCT ID

To specify additional or substitutional item identification codes.

Conditional

Repeats:10

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
4347	PRODUCT ID FUNCTION QUALIFIER Indication of the function of the product code.	AN	3	M	M	'1' – additional identification
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	Part number
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	'BH' – Manufacturer part number
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number.	AN	3	C	C	

	Note: User or association defined code. May be used in combination with 1131/3055.					
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	

IMD - ITEM DESCRIPTION

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

Conditional
Repeats: 99

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
7077	ITEM DESCRIPTION TYPE, CODED Code indicating the format of a description.	AN	3	C	C	'A' – Long free form
7081	ITEM CHARACTERISTIC, CODED Code specifying the item characteristic being described.	AN	3	C	C	'8' - product
C273	ITEM DESCRIPTION Description of an item.			C	C	
7009	ITEM DESCRIPTION IDENTIFICATION Code from an industry code list which provides specific data about a product characteristic. Note: User or association defined code. May be used in combination with 1131/3055.	AN	17	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	'161' – goods description
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
7008	ITEM DESCRIPTION Plain language description of articles or products.	AN	35	C	C	Plain text description of part
7008	ITEM DESCRIPTION Plain language description of articles	AN	35	C	C	

	or products.					
3453	LANGUAGE, CODED Code of language (ISO 639-1988). Note: Use ISO 639-1988.	AN	3	C	C	
7383	SURFACE/LAYER INDICATOR, CODED Code indicating the surface or layer of a product that is being described.	AN	3	C	C	

QTY - QUANTITY
To specify a pertinent quantity.

Mandatory
Repeats: 99

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C186	QUANTITY DETAILS Quantity information in a transaction, qualified when relevant			M	M	
6063	QUANTITY QUALIFIER Code giving specific meaning to a quantity.	AN	3	M	M	'12' – despatch quantity
6060	QUANTITY Numeric value of a quantity.	N	15	M	M	Actual quantity despatched
6411	MEASURE UNIT QUALIFIER Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Note: See UN/ECE Recommendation 20.	AN	3	C	C	'PCE'

RFF - REFERENCE
To specify a reference.

Conditional
Repeats: 999

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C506	REFERENCE Identification of a reference.			M	M	
1153	REFERENCE QUALIFIER Code giving specific meaning to a reference segment or a reference number.	AN	3	M	M	'ON' – customer order number
1154	REFERENCE NUMBER Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	AN	35	C	C	Order number
1156	LINE NUMBER Number of the line in the document/message referenced in 1154 Reference number.	AN	6	C	C	Distributor Line number within that order
4000	REFERENCE VERSION NUMBER To uniquely identify a reference by its revision number.	AN	35	C	C	

PCI – PACKAGE IDENTIFICATION
A segment specifying marking and labels used on individual

Mandatory
Repeats: 1

packages or a range of packages

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
4233	MARKING INSTRUCTIONS	AN	3	C	C	'1' – just set as this always
C210	MARKS & LABELS			C	C	
7102	Shipping marks	AN	35	M	M	
7102	Shipping marks	AN	35	C	C	
7102	Shipping marks	AN	35	C	C	
7102	Shipping marks	AN	35	C	C	
7102	Shipping marks	AN	35	C	C	
7102	Shipping marks	AN	35	C	C	
7102	Shipping marks	AN	35	C	C	
7102	Shipping marks	AN	35	C	C	
7102	Shipping marks	AN	35	C	C	
7102	Shipping marks	AN	35	C	C	
8275	CONTAINER/PACKAGE STATUS	AN	3	C	C	
C827	TYPE OF MARKING			C	C	
7511	Type of marking	AN	3	M	M	
1131	Code list qualifier	AN	3	C	C	
3055	Code list responsible agency	AN	3	C	C	

GIN – GOODS IDENTITY NUMBER

A segment providing identification numbers (SERIAL NUMBERS) being applied to the packages despatched.

Conditional
Repeats: 99

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
7405	MARKING INSTRUCTIONS	AN	3	M	C	'BN' – Serial Number
C208	MARKS & LABELS			M	C	
7402	Shipping marks	AN	35	M	M	Serial number
7402	Shipping marks	AN	35	C	C	Serial number
C208	MARKS & LABELS			C	C	
7402	Shipping marks	AN	35	M	M	Serial number
7402	Shipping marks	AN	35	C	C	Serial number
C208	MARKS & LABELS			C	C	
7402	Shipping marks	AN	35	M	M	Serial number
7402	Shipping marks	AN	35	C	C	Serial number
C208	MARKS & LABELS			C	C	
7402	Shipping marks	AN	35	M	M	Serial number
7402	Shipping marks	AN	35	C	C	Serial number
C208	MARKS & LABELS			C	C	
7402	Shipping marks	AN	35	M	M	Serial number
7402	Shipping marks	AN	35	C	C	Serial number

End of LIN loop

UNT - MESSAGE (TRANSACTION SET) TRAILER

Mandatory
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
0074	NUMBER OF SEGMENTS IN A	AN	6	M	M	Number of segments in

	MESSAGE					message including UNH and UNT
0062	MESSAGE REFERENCE NUMBER	AN	14	M	M	UNH message counter

UNZ - INTERCHANGE TRAILER

Mandatory
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
9836	INTERCHANGE CONTROL COUNT	AN	6	M	M	Number of messages in this Interchange (always 1)
9820	INTERCHANGE CONTROL REFERENCE	AN	14	M	M	Interchange control reference as in UNB

6.2 Sample Message

UNB+UNOC:3+IMA:14+4852:14+20220309:1554+109'
 UNH+1+DESADV:D:97A:UN:EAN005'
 BGM+351+20220103475+9'
 DTM+137:20220309:102'
 RFF+AAK:20220103475'
 NAD+BY+IT12345678901++FOTOVIDEO SPA+VIA MONTE URANO, 18+ROMA++00012+IT'
 NAD+DP+++IT PLUS SRL+VIA ROMA, 72+TAIO++38012+IT'
 TOD+2++CIP'
 CPS+1'
 LIN+1++ESL3-4MG:BP'
 PIA+1+ESL3-4MG:VP+:EN'
 IMD+A++:::Roland ECO SOL MAX 1 INK MAGENTA 440CC::EN'
 QTY+12:1:PCE'
 RFF+LI:1'
 RFF+ON:01FOH 118'
 PCI+1'
 LIN+2++C13T890100:BP'
 PIA+1+C13T890100:VP+10343920828:EN'
 IMD+A++:::Epson Tan. NERO GS3 xSC-S40600/60600/80600(700ml)::EN'
 QTY+12:6:PCE'
 RFF+LI:2'
 RFF+ON:01FOH 118'
 PCI+1'
 LIN+3++C13T890200:BP'
 PIA+1+C13T890200:VP+10343920835:EN'
 IMD+A++:::Epson Tan. CYANO GS3 xSC-S40600/60600/80600(700ml)::EN'
 QTY+12:4:PCE'
 RFF+LI:3'
 RFF+ON:01FOH 118'
 PCI+1'
 LIN+4++C13T890300:BP'
 PIA+1+C13T890300:VP+10343920842:EN'
 IMD+A++:::Epson Tan.MAGENTA GS3xSC-S40600/60600/80600(700ml)::EN'

QTY+12:6:PCE'
RFF+LI:4'
RFF+ON:01FOH 118'
PCI+1'
LIN+5++C13T890400:BP'
PIA+1+C13T890400:VP+10343920859:EN'
IMD+A++:::Epson Tan.GIALLO GS3 xSC-S40600/60600/80600(700ml)::EN'
QTY+12:6:PCE'
RFF+LI:5'
RFF+ON:01FOH 118'
PCI+1'
LIN+6++C13T619300:BP'
PIA+1+C13T619300:VP+10343886230:EN'
IMD+A++:::Maintenance Box per SC-T3000/5000/7000, F6/F7000::EN'
QTY+12:3:PCE'
RFF+LI:6'
RFF+ON:01FOH 118'
PCI+1'
LIN+7++C13T890400:BP'
PIA+1+C13T890400:VP+10343920859:EN'
IMD+A++:::Epson Tan.GIALLO GS3 xSC-S40600/60600/80600(700ml)::EN'
QTY+12:1:PCE'
RFF+LI:7'
RFF+ON:01FOH 118'
PCI+1'
LIN+8++C13T890500:BP'
PIA+1+C13T890500:VP+10343926493:EN'
IMD+A++:::Epson Tan. CIANO LHT GS3 x SC-S80600 (700ml)::EN'
QTY+12:1:PCE'
RFF+LI:8'
RFF+ON:01FOH 118'
PCI+1'
LIN+9++C13T890600:BP'
PIA+1+C13T890600:VP+10343926509:EN'
IMD+A++:::Epson Tan. MAG. LHT GS3 x SC-S80600 (700ml)::EN'
QTY+12:1:PCE'
RFF+LI:9'
RFF+ON:01FOH 118'
PCI+1'
UNT+72+1'
UNZ+1+109'

7.0 Invoices

Message Implementation Guideline

IMA Europe Limited

Invoice

Agency: Edifact
 Standard: EDIFACT VERSION D 97A
 Message: INVOIC - INVOICE MESSAGE

Structure Diagram

UNB	- INTERCHANGE HEADER	M	1
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Segment Details

UNB - INTERCHANGE HEADER

Mandatory
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
S001	SYNTAX IDENTIFIER			M	M	
9801	SYNTAX IDENTIFIER	AN	4	M	M	'UNOC'
9922	SYNTAX VERSION NUMBER	AN	1	M	M	'1'
S002	INTERCHANGE SENDER			M	M	
0004	SENDER IDENTIFICATION		35	M	M	EDI Code identifying IMA
0007	PARTNER IDENTIFICATION CODE QUALIFIER		4	C	C	
0008	ADDRESS FOR REVERSE ROUTING		14	C	C	
S003	INTERCHANGE RECIPIENT			M	M	
0010	RECIPIENT IDENTIFICATION		35	M	M	Distributor EDI code agreed with IMA (VAT number)
0007	PARTNER IDENTIFICATION CODE QUALIFIER		4	C	C	
0014	ROUTING ADDRESS		14	C	C	
S004	DATE/TIME OF PREPARATION			M	M	
9817	DATE		6	M	M	Date (YYMMDD) and ...
9819	TIME		4	M	M	...time (HHMM) of message preparation
9820	INTERCHANGE CONTROL REFERENCE		14	M	M	Unique reference of this message
S005	RECIPIENTS REFERENCE, PASSWORD			C	C	
9822	RECIPIENT'S REFERENCE/PASSWORD		14	M	M	
9825	RECIPIENT REFERENCE/PASSWORD QUALIFIER		2	C	C	
9826	APPLICATION REFERENCE		14	C	C	INVOIC
9929	PROCESSING PRIORITY, CODE		1	C	C	
9831	ACKNOWLEDGEMENT REQUESTED		1	C	C	
9832	COMMUNICATION AGREEMENT IDENTIFICATION		35	C	C	
9835	TEST INDICATION		1	C	C	'1' if test message

UNH - MESSAGE (TRANSACTION SET) HEADER

Mandatory
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
0062	MESSAGE REFERENCE NUMBER	AN	14	M	M	Count of UNHs within UNB
S009	MESSAGE IDENTIFIER	AN		M	M	
0065	MESSAGE TYPE IDENTIFIER	AN	6	M	M	'INVOIC'
0052	MESSAGE TYPE VERSION NUMBER	AN	3	M	M	'D'
0054	MESSAGE TYPE RELEASE NUMBER	AN	3	M	M	'97A'
0051	CONTROLLING AGENCY	AN	2	M	M	'UN'
0057	ASSOCIATION ASSIGNED CODE	AN	6	C	C	

0068	COMMON ACCESS REFERENCE	AN	35	C	C	
S010	STATUS OF THE TRANSFER			C	C	
0070	SEQUENCE MESSAGE TRANSFER NUMBER	AN	2	M	M	
0073	FIRST/LAST SEQUENCE MESSAGE TRANSFER INDICATION	AN	1	C	C	

BGM - BEGINNING OF MESSAGE

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

Mandatory

Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C002	DOCUMENT/MESSAGE NAME Identification of a type of document/message by code or name. Code preferred.			C	C	
1001	DOCUMENT/MESSAGE NAME, CODED Document/message identifier expressed in code. Note: Users should note that code values marked as additions or changes are included pending approval by the 1001 Maintenance Agency and may be disapproved or changed. The results of this review will be reflected in a future version of the draft directory.	AN	3	C	C	'380' – commercial invoice
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
1000	DOCUMENT/MESSAGE NAME Plain language identifier specifying the function of a document/message.	AN	35	C	C	
C106	DOCUMENT/MESSAGE IDENTIFICATION Identification of a document/message by its number and eventually its version or revision.			C	C	
1004	DOCUMENT/MESSAGE NUMBER Reference number assigned to the document/message by the issuer.	AN	35	C	C	IMA Invoice number
1056	VERSION To specify the version number or name of an object.	AN	9	C	C	
1060	REVISION NUMBER To specify a revision number	AN	6	C	C	
1225	MESSAGE FUNCTION, CODED Code indicating the function of the message.	AN	3	C	C	
4343	RESPONSE TYPE, CODED Code specifying the type of acknowledgment required or transmitted.	AN	3	C	C	

DTM - DATE/TIME/PERIOD
To specify date, and/or time, or period.

Used twice, for the document date and the actual invoice date if Different

Mandatory

Repeats: 35

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C507	DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type			M	M	
2005	DATE/TIME/PERIOD QUALIFIER Code giving specific meaning to a date, time or period.	AN	3	M	M	'137' – document date '3' – invoice date
2380	DATE/TIME/PERIOD The value of a date, a date and time, a time or of a period in a specified representation.	AN	35	C	C	Invoice or document date
2379	DATE/TIME/PERIOD FORMAT QUALIFIER Specification of the representation of a date, a date and time or of a period.	AN	3	C	C	'102' - YYYYMMDD

RFF - REFERENCE
To specify a reference.

Used as a reference to the purchase orders linked to this invoice

Conditional

Repeats: 99

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C506	REFERENCE Identification of a reference.			M	M	
1153	REFERENCE QUALIFIER Code giving specific meaning to a reference segment or a reference number.	AN	3	M	M	'ON' – customer purchase order 'VN' – IMA sales order
1154	REFERENCE NUMBER Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	AN	35	C	C	Purchase order number
1156	LINE NUMBER Number of the line in the document/message referenced in 1154 Reference number.	AN	6	C	C	
4000	REFERENCE VERSION NUMBER To uniquely identify a reference by its revision number.	AN	35	C	C	

DTM - DATE/TIME/PERIOD

Conditional

To specify date, and/or time, or period, for the preceding RFF.

Repeats: 5

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C507	DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type			M	M	
2005	DATE/TIME/PERIOD QUALIFIER Code giving specific meaning to a date, time or period.	AN	3	M	M	'4' – order date
2380	DATE/TIME/PERIOD The value of a date, a date and time, a time or of a period in a specified representation.	AN	35	C	C	Order date
2379	DATE/TIME/PERIOD FORMAT QUALIFIER Specification of the representation of a date, a date and time or of a period.	AN	3	C	C	'102' - YYYYMMDD

NAD - NAME AND ADDRESS

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

Conditional
Repeats: 99

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
3035	PARTY QUALIFIER Code giving specific meaning to a party.	AN	3	M	M	
C082	PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.			C	C	
3039	PARTY ID IDENTIFICATION Code identifying a party involved in a transaction. Note: User or association defined code. May be used in combination with 1131/3055.	AN	35	M	M	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C058	NAME AND ADDRESS Unstructured name and address: one to five lines.			C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	M	M	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	

	description.					
C080	PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.			C	C	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	M	M	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	
3036	PARTY NAME Name of a party involved in a transaction..	AN	35	C	C	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	
3045	PARTY NAME FORMAT, CODED Specification of the representation of a party name.	AN	3	C	C	
C059	STREET Street address and/or PO Box number in a structured address: one to three lines.			C	C	
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	M	M	
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	C	C	
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	C	C	
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	C	C	
3164	CITY NAME Name of a city (a town, a village) for addressing purposes.	AN	35	C	C	
3229	COUNTRY SUB-ENTITY IDENTIFICATION Identification of the name of subentities (state, province) defined by appropriate governmental agencies. Note: Use code defined by appropriate national authority	AN	9	C	C	
3251	POSTCODE IDENTIFICATION Code defining postal zones or addresses. Note: Use code defined by appropriate national authority.	AN	9	C	C	
3207	COUNTRY, CODED Identification of the name of a country or other geographical entity as specified in ISO 3166. Note: Use ISO 3166 two alpha country code.	AN	3	C	C	

CUX - CURRENCIES

Conditional

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

Repeats: 5

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C504	CURRENCY DETAILS The usage to which a currency relates.			C	C	
6347	CURRENCY DETAILS QUALIFIER Specification of the usage to which the currency relates.	AN	3	M	M	'2' – reference currency
6345	CURRENCY, CODED Identification of the name or symbol of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code.	AN	3	C	C	Currency of invoice
6343	CURRENCY QUALIFIER Code giving specific meaning to data element 6345 Currency.	AN	3	C	C	'4' – invoice currency
6348	CURRENCY RATE BASE Multiplying factor used in expressing the number of currency units.	N	4	C	C	
C504	CURRENCY DETAILS The usage to which a currency relates.			C	C	
6347	CURRENCY DETAILS QUALIFIER Specification of the usage to which the currency relates.	AN	3	M	M	
6345	CURRENCY, CODED Identification of the name or symbol of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code.	AN	3	C	C	
6343	CURRENCY QUALIFIER Code giving specific meaning to data element 6345 Currency.	AN	3	C	C	
6348	CURRENCY RATE BASE Multiplying factor used in expressing the number of currency units.	N	4	C	C	
5402	RATE OF EXCHANGE The rate at which one specified currency is expressed in another specified currency.	N	12	C	C	
6341	CURRENCY MARKET EXCHANGE, CODED Code identifying the market upon which the currency exchange rate is based.	AN	3	C	C	

PAT - PAYMENT TERMS BASIS
To specify the payment terms basis.

Conditional
Repeats: 10

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
4279	PAYMENT TERMS TYPE QUALIFIER Identification of the type of payment terms.	AN	3	M	M	'18' – separately agreed on. Payment terms are as per contract agreed between

						customer and IMA
C110	PAYMENT TERMS Terms of payment code from a specified source.			C	C	
4277	TERMS OF PAYMENT IDENTIFICATION Identification of the terms of payment between the parties to a transaction (generic term). Note: Use UN/ECE Recommendation No. 17 Payterms. If not applicable, use appropriate code set in combination with 1131/3055, or values underneath.	AN	17	M	M	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
4276	TERMS OF PAYMENT Conditions of payment between the parties to a transaction (generic term).	AN	35	C	C	Text line explaining terms
4276	TERMS OF PAYMENT Conditions of payment between the parties to a transaction (generic term).	AN	35	C	C	
C112	TERMS/TIME INFORMATION Time details in payment terms.			C	C	
2475	PAYMENT TIME REFERENCE, CODED Code relating payment terms to the date of a specific event.	AN	3	M	M	'9' – date invoice received
2009	TIME RELATION, CODED Code relating payment terms to a time before, on or after the reference date.	AN	3	C	C	'2' – payment due on or before date given
2151	TYPE OF PERIOD, CODED Agreed or specified period of time (coded).	AN	3	C	C	'D' - days
2152	NUMBER OF PERIODS Number of periods of the type indicated in data element 2151 Type of period, coded.	N	3	C	C	Number of days until payment due (for reference)

**Start of LIN loop, 999999 repeats
LIN - LINE ITEM
To identify a line item and configuration.**

Conditional
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
1082	LINE ITEM NUMBER Serial number designating each separate item within a series of articles.	AN	6	C	C	Counter of line items within this invoice
1229	ACTION REQUEST/NOTIFICATION, CODED Code specifying the action to be	AN	3	C	C	

	taken or already taken.					
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			C	C	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	IMA part number
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	'VP' – vendor part number
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C829	SUB-LINE INFORMATION To provide an indication that a segment or segment group is used to contain sub-line or sub-line item information and to optionally enable the sub-line to be identified.			C	C	
5495	SUB-LINE INDICATOR, CODED Indication that the segment and/or segment group is used for sub-line item information.	AN	3	C	C	
1082	LINE ITEM NUMBER Serial number designating each separate item within a series of articles.	AN	6	C	C	
1222	CONFIGURATION LEVEL Number indicating the level of an object which is in a hierarchy.	N	2	C	C	
7083	CONFIGURATION, CODED Code indicating the status of the sub-line item in the configuration.	AN	3	C	C	

PIA - ADDITIONAL PRODUCT ID
To specify additional or substitutional item identification codes.

Conditional
Repeats: 25

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
4347	PRODUCT ID FUNCTION QUALIFIER Indication of the function of the product code.	AN	3	M	M	'1' – additional identification
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	Buyer part number EAN part number
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number.	AN	3	C	C	'BP' – for buyer part number 'EN' - for EAN part number

	Note: User or association defined code. May be used in combination with 1131/3055.					
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER A number allocated to a group or item.	AN	35	C	C	
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.			M	M	
7140	ITEM NUMBER	AN	35	C	C	

	A number allocated to a group or item.					
7143	ITEM NUMBER TYPE, CODED Identification of the type of item number. Note: User or association defined code. May be used in combination with 1131/3055.	AN	3	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	

IMD - ITEM DESCRIPTION
To describe an item in either an industry or free format.

Conditional
Repeats: 10

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
7077	ITEM DESCRIPTION TYPE, CODED Code indicating the format of a description.	AN	3	C	C	'F' – free form
7081	ITEM CHARACTERISTIC, CODED Code specifying the item characteristic being described.	AN	3	C	C	'8' - product
C273	ITEM DESCRIPTION Description of an item.			C	C	
7009	ITEM DESCRIPTION IDENTIFICATION Code from an industry code list which provides specific data about a product characteristic. Note: User or association defined code. May be used in combination with 1131/3055.	AN	17	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	'161' – goods description
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
7008	ITEM DESCRIPTION Plain language description of articles or products.	AN	35	C	C	Description of part
7008	ITEM DESCRIPTION Plain language description of articles or products.	AN	35	C	C	
3453	LANGUAGE, CODED Code of language (ISO 639-1988). Note: Use ISO 639-1988.	AN	3	C	C	
7383	SURFACE/LAYER INDICATOR, CODED Code indicating the surface or layer of a product that is being described.	AN	3	C	C	

QTY - QUANTITY
To specify a pertinent quantity.

Conditional
Repeats: 5

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C186	QUANTITY DETAILS Quantity information in a transaction, qualified when relevant			M	M	
6063	QUANTITY QUALIFIER Code giving specific meaning to a quantity.	AN	3	M	M	'47' – invoiced quantity
6060	QUANTITY Numeric value of a quantity.	N	15	M	M	Actual quantity invoiced
6411	MEASURE UNIT QUALIFIER Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Note: See UN/ECE Recommendation 20.	AN	3	C	C	'PCE'

MOA - MONETARY AMOUNT
To specify a monetary amount.
Used for line net total (ex VAT)

Conditional
Repeats: 5

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
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.	AN	3	M	M	203' – net line total
5004	MONETARY AMOUNT Number of monetary units	N	18	C	C	Line net amount
6345	CURRENCY, CODED Identification of the name or symbol of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code.	AN	3	C	C	
6343	CURRENCY QUALIFIER Code giving specific meaning to data element 6345 Currency.	AN	3	C	C	
4405	STATUS, CODED Provides information regarding a status.	AN	3	C	C	

PRI - PRICE DETAILS
To specify price information.

Conditional
Repeats: 25

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C509	PRICE INFORMATION Identification of price type, price and related details.			C	C	
5125	PRICE QUALIFIER Identification of a type of price.	AN	3	M	M	'AAB' – price before any charges/taxes are applied

	Note: Code set of 5387 may be used also.					
5118	PRICE The monetary value associated with a purchase or sale of an article, product or service.	N	15	C	C	Actual item price
5375	PRICE TYPE, CODED Code identifying the type of price of an item	AN	3	C	C	DI' – IMA price
5387	PRICE TYPE QUALIFIER Code identifying pricing specification	AN	3	C	X	
5284	UNIT PRICE BASIS Basis on which the unit price/rate applies.	N	9	C	C	1' – individual unit price
6411	MEASURE UNIT QUALIFIER Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Note: See UN/ECE Recommendation 20.	AN	3	C	C	PCE'
5213	SUB-LINE PRICE CHANGE, CODED Code indicating disposition of the price change of a sub-line item.	AN	3	C	X	

RFF - REFERENCE
To specify a reference.

Conditional
Repeats: 10

Used as a reference to the purchase orders linked to this invoice line item

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
C506	REFERENCE Identification of a reference.			M	M	
1153	REFERENCE QUALIFIER Code giving specific meaning to a reference segment or a reference number.	AN	3	M	M	'ON' – customer purchase order 'VN' – IMA purchase order
1154	REFERENCE NUMBER Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	AN	35	C	C	Purchase order number
1156	LINE NUMBER Number of the line in the document/message referenced in 1154 Reference number.	AN	6	C	C	Purchase order line reference
4000	REFERENCE VERSION NUMBER To uniquely identify a reference by its revision number.	AN	35	C	C	

Start of TAX loop, 99 repeats

TAX - DUTY/TAX/FEE DETAILS
To specify relevant duty/tax/fee information.

Conditional
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
5283	DUTY/TAX/FEE FUNCTION QUALIFIER Code identifying the function of an duty, tax or fee information.	AN	3	M	M	'7' - Tax
C241	DUTY/TAX/FEE TYPE Code and/or name identifying duty, tax or fee.			C	C	
5153	DUTY/TAX/FEE TYPE, CODED Identification of the type of duty or tax or fee applicable to commodities or of tax applicable to services. Note: If national codes needed, use in combination with 1131/3055	AN	3	C	C	'VAT'
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
5152	DUTY/TAX/FEE TYPE Type of duty or tax or fee applicable to commodities or of tax applicable to services.	AN	35	C	C	
C533	DUTY/TAX/FEE ACCOUNT DETAIL Indication of account reference for duties, taxes and/or fees.			C	C	
5289	DUTY/TAX/FEE ACCOUNT IDENTIFICATION Identification of a particular duty, tax or fee. Note: See national code sets. May be used in combination with 1131/3055.	AN	6	M	M	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
5286	DUTY/TAX/FEE ASSESSMENT BASIS Value or quantity on which a duty or tax will be assessed.	AN	15	C	C	
C243	DUTY/TAX/FEE DETAIL Rate of duty/tax/fee applicable to commodities or of tax applicable to services.			C	C	
5279	DUTY/TAX/FEE RATE IDENTIFICATION Identification of the rate of duty or tax or fee applicable to commodities or of tax applicable to services. Note: See national code sets. May be used in combination with 1131/3055	AN	7	C	C	

1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
5278	DUTY/TAX/FEE RATE Rate of duty or tax or fee applicable to commodities or of tax applicable to services.	AN	17	C	C	VAT percentage rate
5273	DUTY/TAX/FEE RATE BASIS IDENTIFICATION Identification of the various elements of tax combination to be attributed to a commodity.	AN	12	C	C	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
5305	DUTY/TAX/FEE CATEGORY, CODED Code identifying a tax/duty/fee category within a tax/duty/fee type system.	AN	3	C	C	VAT category
3446	PARTY TAX IDENTIFICATION NUMBER Number assigned to a purchaser (buyer, orderer) by a tax jurisdiction (state, country, etc).	AN	20	C	C	

MOA - MONETARY AMOUNT
To specify a monetary amount.

Conditional
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
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.	AN	3	M	M	'161' – VAT amount
5004	MONETARY AMOUNT Number of monetary units	N	18	C	C	VAT amount for this line item
6345	CURRENCY, CODED Identification of the name or symbol of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code.	AN	3	C	C	
6343	CURRENCY QUALIFIER Code giving specific meaning to data element 6345 Currency.	AN	3	C	C	
4405	STATUS, CODED Provides information regarding a status.	AN	3	C	C	

NAD - NAME AND ADDRESS

To specify the name/address and their related function, either by CO82 only and/or unstructured by C058 or structured by C080 thru 3207.

Conditional
Repeats: 99

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
3035	PARTY QUALIFIER Code giving specific meaning to a party.	AN	3	M	M	
C082	PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.			C	C	
3039	PARTY ID IDENTIFICATION Code identifying a party involved in a transaction. Note: User or association defined code. May be used in combination with 1131/3055.	AN	35	M	M	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
C058	NAME AND ADDRESS Unstructured name and address: one to five lines.			C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	M	M	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
3124	NAME AND ADDRESS LINE Free form name and address description..	AN	35	C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
3124	NAME AND ADDRESS LINE Free form name and address description.	AN	35	C	C	
C080	PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	AN		C	C	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	M	M	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	
3036	PARTY NAME Name of a party involved in a transaction.	AN	35	C	C	
3036	PARTY NAME Name of a party involved in a transaction..	AN	35	C	C	

3045	PARTY NAME FORMAT, CODED Specification of the representation of a party name.	AN	3	C	C	
C059	STREET Street address and/or PO Box number in a structured address: one to three lines.			C	C	
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	M	M	
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	C	C	
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	C	C	
3042	STREET AND NUMBER/P.O. BOX Street and number in plain language, or Post Office Box No.	AN	35	C	C	
3164	CITY NAME Name of a city (a town, a village) for addressing purposes.	AN	35	C	C	
3229	COUNTRY SUB-ENTITY IDENTIFICATION Identification of the name of subentities (state, province) defined by appropriate governmental agencies. Note: Use code defined by appropriate national authority	AN	9	C	C	
3251	POSTCODE IDENTIFICATION Code defining postal zones or addresses. Note: Use code defined by appropriate national authority.	AN	9	C	C	
3207	COUNTRY, CODED Identification of the name of a country or other geographical entity as specified in ISO 3166. Note: Use ISO 3166 two alpha country code.	AN	3	C	C	

End of LIN loop

UNS - SECTION CONTROL

Mandatory
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
0081	SECTION IDENTIFICATION	AN	1	M	M	'S'

MOA - MONETARY AMOUNT

To specify a monetary amount.

This segment is repeated three times, for the net invoice total, VAT total (in all categories) and gross invoice total

Conditional
Repeats: 100

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
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.	AN	3	M	M	'79' – net total '86' – gross total '176' – VAT total
5004	MONETARY AMOUNT Number of monetary units	N	18	C	C	Actual amount
6345	CURRENCY, CODED Identification of the name or symbol of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code.	AN	3	C	X	
6343	CURRENCY QUALIFIER Code giving specific meaning to data element 6345 Currency.	AN	3	C	X	
4405	STATUS, CODED Provides information regarding a status.	AN	3	C	X	

Start of TAX loop, 10 repeats

TAX - DUTY/TAX/FEE DETAILS

To specify relevant duty/tax/fee information.

This loop is repeated for each different VAT category in the invoice

Conditional
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
5283	DUTY/TAX/FEE FUNCTION QUALIFIER Code identifying the function of an duty, tax or fee information.	AN	3	M	M	'7' - Tax
C241	DUTY/TAX/FEE TYPE Code and/or name identifying duty, tax or fee.			C	C	
5153	DUTY/TAX/FEE TYPE, CODED Identification of the type of duty or tax or fee applicable to commodities or of tax applicable to services. Note: If national codes needed, use in combination with 1131/3055	AN	3	C	M	'VAT'
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	X	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	X	
5152	DUTY/TAX/FEE TYPE Type of duty or tax or fee applicable to commodities or of tax applicable to services.	AN	35	C	X	

C533	DUTY/TAX/FEE ACCOUNT DETAIL Indication of account reference for duties, taxes and/or fees.			C	X	
5289	DUTY/TAX/FEE ACCOUNT IDENTIFICATION Identification of a particular duty, tax or fee. Note: See national code sets. May be used in combination with 1131/3055.	AN	6	M	M	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	C	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	C	
5286	DUTY/TAX/FEE ASSESSMENT BASIS Value or quantity on which a duty or tax will be assessed.	AN	15	C	C	
C243	DUTY/TAX/FEE DETAIL Rate of duty/tax/fee applicable to commodities or of tax applicable to services.			C	C	
5279	DUTY/TAX/FEE RATE IDENTIFICATION Identification of the rate of duty or tax or fee applicable to commodities or of tax applicable to services. Note: See national code sets. May be used in combination with 1131/3055	AN	7	C	X	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	X	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	X	
5278	DUTY/TAX/FEE RATE Rate of duty or tax or fee applicable to commodities or of tax applicable to services.	AN	17	C	M	VAT percentage rate
5273	DUTY/TAX/FEE RATE BASIS IDENTIFICATION Identification of the various elements of tax combination to be attributed to a commodity.	AN	12	C	X	
1131	CODE LIST QUALIFIER Identification of a code list.	AN	3	C	X	
3055	CODE LIST RESPONSIBLE AGENCY, CODED Code identifying the agency responsible for a code list.	AN	3	C	X	
5305	DUTY/TAX/FEE CATEGORY, CODED Code identifying a tax/duty/fee category within a tax/duty/fee type system.	AN	3	C	M	VAT category
3446	PARTY TAX IDENTIFICATION NUMBER Number assigned to a purchaser (buyer, orderer) by a tax jurisdiction	AN	20	C	X	

(state, country, etc).	
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MOA - MONETARY AMOUNT

To specify a monetary amount.

Conditional
Repeats: 2

This segment is repeated, once for the net total of goods that come under this VAT category, and once for the total calculated VAT amount in this category.

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
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.	AN	3	M	M	'125' – taxable amount '176' – message total VAT amount
5004	MONETARY AMOUNT Number of monetary units	N	18	C	M	Total VAT amount for this VAT category in the invoice
6345	CURRENCY, CODED Identification of the name or symbol of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code.	AN	3	C	X	
6343	CURRENCY QUALIFIER Code giving specific meaning to data element 6345 Currency.	AN	3	C	X	
4405	STATUS, CODED Provides information regarding a status.	AN	3	C	X	

End of TAX loop

UNT - MESSAGE (TRANSACTION SET) TRAILER

Mandatory
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
0074	NUMBER OF SEGMENTS IN A MESSAGE	AN	6	M	M	Number of segments in message including UNH and UNT
0062	MESSAGE REFERENCE NUMBER	AN	14	M	M	UNH message counter

UNZ - INTERCHANGE TRAILER

Mandatory
Repeats: 1

Code	Description	Type	Len	Spec M/C	Our M/C	Comment
9836	INTERCHANGE CONTROL COUNT	AN	6	M	M	Number of messages in this interchange
9820	INTERCHANGE CONTROL REFERENCE	AN	14	M	M	Interchange control reference as in UNB

8.0 Next Stage

If after reading this you have any questions or need further information then please do not hesitate to come back to us.

If you would also like a discussion by phone – again – just let me know and I will set up a tele-conference.

The first stage is clearly for you to set up the ability to send us the Order information – if you could let us have timescales on when you are likely to be in this position we can plan accordingly – we will look to advance this project as fast as possible as it should be truly beneficial all round.