

Invoice Message
Message Implementation Guideline
for the Australian Hardware Industry
(Based on the EANCOM 1997 Guideline using
UN/EDIFACT Directory D.96A)

A Hardware Industry B2B E-Commerce Initiative

Implementation v1.0

April 2003

1. Contacts

This EDI Message Implementation Guidelines (MIG) should be read in conjunction with any appropriate terms and conditions of trade between trading partners in the Hardware Industry.

This EDI MIG is based on EAN International's EANCOM® 1997 Guideline using UN/EDIFACT Directory D.96A. For any information regarding EANCOM® or this MIG, please contact:

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This EDI MIG has been developed as part of the Hardware Industry B2B E-Commerce Project facilitated in 2001/2002 by Tradegate ECA and in 2003 by BizEvolution.

HIWG (Hardware Industry Working Group) members 2001 – 2003 have included the following organisations:

• Bunnings Building Supplies	• Mitre 10 Australia
• Dewalt Industrial Powertool Company	• National Building Suppliers Group (NBSG)
• Floriana	• Orica Consumer Products / Dulux
• James Hardie Asia/Pacific	• SPL Group
• John Danks & Son	• woodlogic, a Carter Holt Harvey business
• Master Plumbers' & Mechanical Services Association of Australia (MPMSAA)	

Input was also received from the three HIWG subgroups for Greenlife, Timber and Plumbing.

2. Disclaimer

Every possible effort has been made to ensure that the information and specifications in this document are correct, however the Hardware Industry work group, Tradegate ECA, BizEvolution and EAN Australia expressly disclaim liability for any errors. In addition, no warranty or representation is made that this document will not require modification due to developments in new business practice, technology, changes, omissions or additions.

3. Change Control

Listed below are the changes that have been applied to the previous version (Pilot v1.1) to create this version; Implementation v1.0 April 2003.

Pos.	Section Modified	Nature of Change/Comments	Source/reason
-	Preamble	Addition of sections 5, 7 & 8	Requested for education/clarification
-	Message level business rules	Refinement of business rules	MIG subgroup
0080	RFF group 1	Changed RFF segment group 1 from Optional to Required as there must always be a reference to the purchase order to which the invoice relates.	Clarify usage
0090	RFF.C506.1153	Codes DQ and AAO notes clarified	Clarify usage
0120	NAD.3035	Added code PR	Timber subgroup
0120	NAD.C082.3039	Amended note that said if a GLN is not used to identify the party then use the LOC/RFF. It is acceptable to use a non GLN in the NAD, though not preferred.	Timber subgroup
0120	NAD.C080	Note changed to allow optional usage even if 3035 is not UD.	Timber subgroup
0150	RFF segment group	Note added to say that if this is a tax invoice then the RFF must be used to show the supplier ABN.	Timber subgroup
0160	RFF.C506.1153	Note on code AMT clarifies that the ABN of the supplier is the requirement.	Timber subgroup
0320	PAT.C112.2475	Added code 68	Timber subgroup
0700	MOA	Segment note added to explain that all monetary amounts for allowances/charges are inclusive of any tax that may apply.	Clarify usage
0700	MOA.C516.5025	Add codes 388, 389	Timber subgroup
0760	TAX.C243	Changed from Required to Optional	Timber subgroup
0900	LIN.C212.7143	Note on code UP clarifies that this code in redundant in other preceding messages, such as the purchase order, however has been left in for migration purposes	Clarify usage
0900	LIN.C829	Opened up subline option to allow for timber pack tally hierarchy	Timber subgroup
0910	PIA.4347	Code 4 note amended to clarify	Clarify usage
0930	MEA segment	Added to enable invoice to express pack tally for timber industry at subline level	Timber subgroup
0930	MEA	Segment altered (codes added) to align with PO	Align with PO
0930	MEA.C502.6321	Changed from Optional to Not Used	Correction
0940	QTY.C186.6411	Added code 52 for quantity of pieces in pack tally	Clarify usage
0940	QTY.C186.6063	Added code 12 – Despatch quantity as this may differ from invoice quantity e.g. 2 timber packs despatched for a total of 200MTRs invoiced.	Timber subgroup
0940	QTY.C186.6411	Standardise Unit of Measure (UOM) code list	Clarification
1000	QVR.4221	Code CC – shipment complete added with explanatory note – enables close off of order on which a backorder was pending.	MIG subgroup
1120	PRI.C509.6411	Standardise UOM code list	Clarification
1160	RFF group 25	Note added to RFF segment group	Clarify usage
1170	RFF.C506.1153	Add code DQ with note to explain usage	Timber subgroup

1170	RFF.C506.1153	Amend note on code LI	Clarify usage
1170	RFF.C506.1156	Amend note on data element	Clarify usage
1170	RFF.C506.1153	Add code SE	Timber subgroup
1170	RFF	Note on segment for timber usage for pack serial #.	Timber subgroup
1170	RFF.C506.1153	Added to note on code DQ to clarify that it may be used to qualify a line level docket number and/or line number.	Clarify usage
1320	TAX.C243	Amended from Required to Optional	Timber subgroup
1820	MOA.C516.5025	Amend notes on codes 77 and 128	Clarify usage
1870	TAX.C243	Amended from Required to Optional	Timber subgroup
1890	ALC group 51	Note added to indicate summary of allowances/charges not recommended	Clarify usage
1920	MOA	Segment note added to explain that all monetary amounts for allowances/charges are inclusive of any tax that may apply.	Clarify usage
1920	MOA.C516.5004	Delete code list from this data element. This was in error as data element 5004 is to contain a monetary value, not a coded value.	Correction
1920	ALC/MOA.C516.5025	Added codes 388 and 389	Timber subgroup

4. Data Content and Structure

The invoice message is sent from supplier to customer as a commercial invoice, tax invoice, correction of invoice or financial adjustment (debit, credit).

UNH	Message header
BGM	Invoice type, also original or duplicate.
DTM	Message date, actual delivery date and accounting date
FTX	Free text pertaining to whole invoice
RFF	References to delivery docket/despatch advice, previous invoice, purchase order, consignment note
NAD	Buyer, supplier, Invoicee, Payee, Ultimate Customer, Bill and Ship to, Ship To
RFF	Buyer and supplier ABNs
CUX	Invoice currency if not AUD
PAT	Payment due number of days/months after invoice date
DTM	Terms net due date
PAC	Total count of each package type being invoiced, may allow invoice to be used as a valued despatch advice
ALC	Allowance or charge
MOA	Handling or non-specific charge, freight charge, packing cost, administration charge, other which apply to total invoice and are included in the net monetary amount
RTE	Charge rate per kilogram (optional for Retail)
TAX	Tax applicable to allowance or charge
MOA	Tax amount included in the allowance or charge

Detail Section

LIN	EAN GTIN identifying product being invoiced
PIA	Other product identification/attributes incl substitution
IMD	Product description
MEA	Piece length in pack tally (timber)
QTY	Ordered and Invoiced quantities
QVR	Identification of any discrepancy between the quantity invoiced and quantities ordered, shipped etc. Also backorder status.
FTX	Free text for this line item only.
MOA	Invoice item amount (extended amount including allowances/charges and GST), also amount excluding GST.
PRI	Prices (incl. and excl. of allowances/charges and GST) including units of measure for variable measure items
RFF	Promotion deal # and line item reference from originating order and/or despatch advice/delivery docket
DTM	Date of previous reference
PAC	Total count of each package type being invoiced, may allow invoice to be used as a valued despatch advice
MEA	Dimensions and weights of packages
PCI	Specifies the pack number, serial or batch number
TAX	Tax rate this line item
MOA	Tax amount this line item

Summary section

UNS	Section break segment
CNT	Control count; number of line items in invoice
MOA	Total net invoice amount (includes GST), total exclusive of GST

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	TAX	Total GST
	MOA	Amount
	ALC	Total allowance/charge
	MOA	amount summary of header and detail charges
UNT		Message trailer

5. Reading this Document

Introduction to UN/EDIFACT terminology:

A UN/EDIFACT (ISO 9735) file is called an “*interchange*”. This is the EDI terminology. The interchange is made up of *segments*, which is also an EDI term equivalent to the term “record”.

An interchange starts with an interchange header segment called “UNB” and terminates with an interchange trailer segment called “UNZ”. Within the UNB – UNZ envelope are the segments that comprise either functional groups (not being used by Hardware) or the electronic EDI business *messages* themselves. Each business message begins with a header “UNH” segment and terminates with a trailer “UNT” segment. In between the message header and trailer are the user segments containing the business data.

Sample below¹:

```

UNB                (start of interchange)
  UNH              (start of first business message)
  .....user segments
  UNT              (end of first business message)
  UNH              (start of second business message)
  .....user segments
  UNT              (end of second business message)
UNZ                (end of interchange)

```

Segments are made up of one or more data *elements*. Each data element in a segment is separated by a plus (+) symbol. A data element can be made up of *components*, which are separated from each other by a colon (:). Segments are terminated by the apostrophe ('). See data stream examples in sample message and on segments in the MIG.

UN/EDIFACT segments are given a *Base Status*, whilst the segments are given *Base Attributes*.

Base Status/Attributes:

M - Mandatory: this segment/element must always be sent²

C - Conditional: this segment/element may be sent, see User Status/User Attributes (below)

¹ This Message Implementation Guideline (MIG) does not include the specifications for the interchange segments (UNB & UNZ) as typically they are generated automatically and contain the addressing data required to deliver the interchange across the communications medium being used to exchange messages between trading partners. Many users use their EAN company Global Location Number (GLN) for addressing purposes.

² Note that a segment with status “M” may occur in a group with status “C” so if the group is not used, then the segment is not used either. However if the group is used the segment must be used. Similarly with data elements.

This Message Implementation Guideline (MIG):

Only those segments in the standard message to be used in this MIG are specified, any segments not used have been omitted for readability. Within the detailed specification of each segment, all data elements are identified, even if they are not used, as placement of data elements within a segment is critical. The *User Status/Attribute* (see below) will indicate whether a particular segment or element is sent or not.

User Status/Attributes:

- M - Mandatory: Base Status/Attribute is mandatory so user status must also be mandatory
- R - Required: Base Status/Attribute is Conditional, but for this MIG it must always be sent
- D - Dependent: must or may be sent where stated conditions apply
- O - Optional: may be sent, by agreement between parties
- X - Not Used: never sent

Notation:

Wherever possible notes have been inserted into the MIG content (shown as shaded) to clarify how the data is to be used as well as any business rules to follow.

Most segments have a shaded block of notes at the beginning of the segment. Much of this is automatically generated text from the EANCOM superset on which this MIG is based. In some cases there are descriptions of data element or code usage that are not available for usage in this MIG.

As such, please use as your primary reference, the data element specification, which begins in each segment immediately below the heading “Data Element Summary”.

6. Required (Mandatory) Data

The data described below is the minimum required for a syntactically valid message according to this Message Implementation Guideline (MIG).

Trading partners will need to confirm any additionally required fields that may be necessary for trading.

Business descriptor name	Segment
Header	
Invoice Type (e.g. commercial invoice, tax invoice etc.)	BGM
Invoice number	BGM
Message Function (e.g. Original, duplicate etc.)	BGM
Invoice message date	DTM (header)
Reference to previous message	RFF, grp1
Buyer & Supplier identification	NAD, grp2
Line Item	
Line item number	LIN, grp25
Product identifier (EAN GTIN or proprietary) and type	LIN or PIA, grp25
Invoiced quantity	QTY, grp25
Item extended amount, exclusive of GST	MOA, grp26
Item net price, exclusive of GST	PRI, grp 28
Summary	
Total invoice amount, exclusive of GST	MOA, grp 48

7. Sample Message

Sample Data Stream	Explanation
UNB+UNOA:3+9377770001799:14 +937777000180C:14+020622:1336+ INT1'	Interchange Header segment for interchange INT1, includes trading partner addressing
UNH+0001+INVOIC:D:96A:UN:E AN008'	Message Header with UN/EDIFACT message type and directory version
BGM+388+998877+9'	Tax Invoice 998877, original
DTM+137:20030131:102'	Date of invoice is 31 st Jan 2003
RFF+ON:232025'	Referenced order # 232025
NAD+BY+STORE-1::92'	Buying party is STORE-1
NAD+ST+STORE-1::92'	Ship-to location is STORE-1
NAD+IV+937777000180C::9'	Invoicee party identified using EAN Global Location Number (note this is also the address of the receiver in the UNB segment)
NAD+SU+937777000182C::9'	Supplier party identified using EAN Global Location Number
RFF+AMT:67 005 529 920'	Supplier's ABN
PAT+1++5::D:14'	Payment terms are 14 days
DTM+13:20030214:102'	Terms net amount due date is 14 th Feb. 2003
ALC+C'	Charge that applies to whole invoice
MOA+389:20.00'	Charge, ex GST
TAX+7+GST'	Charge GST component
MOA+124:2.00'	...is \$2.00.
ALC+C'	Charge that applies to whole invoice
MOA+389:15.00'	Charge, ex GST
TAX+7+GST'	Charge GST component
MOA+124:1.50'	...is \$1.50.
LIN+1++931234567890C:EN'	Line item identified with EAN Global Trade Item Number (GTIN)
IMD++++:::HAMMER, TITANIUM, 23CM'	Item description
QTY+21:8'	Ordered quantity was 8
QTY+47:5'	Invoiced quantity is 5
QVR+-3:21'	Quantity variance between ordered and invoiced is 3
MOA+128:50.00'	Extended line item amount EX GST is \$50.00
PRI+AAA:10.00'	Item unit price EX GST is \$10
RFF+LI::1'	Reference back to line item # on purchase order
DTM+171:20021218:102'	Date of referenced purchase order
TAX+7+GST+++:::10.00'	GST rate applicable to this line is 10%
MOA+124:5.00'	GST total amount for line is \$5.00
UNS+S'	Summary section separator segment

CNT+2:1'	Control count – number of line items = 1
MOA+128:85.00'	Total invoice amount EX GST – includes summation of extended line item totals EX GST plus the total charge amounts expressed at header. This then is the total taxable amount.
TAX+7+GST+++:::10.00'	Tax rate applicable to total taxable amount is 10%
MOA+124:8.50'	Total tax amount to add to the total invoice amount EX GST is \$8.50
UNT+32+0001'	Message trailer with segment count and control field
UNZ+1+INT1'	Interchange trailer and control fields

8. Implementation Notes:

Retail Basis for Hardware MIGs:

Note that each Hardware industry MIG has been based on existing Retail (grocery and general merchandise) MIGs. This is because the retail industry has had experience in implementation and are common customers with many Hardware industry suppliers.

When trading with Retail industry customers, it may be necessary to either send extra data as required by the retailer, or it may be that as a Hardware supplier you require extra data to be sent to you by the retailer.

For suppliers, all data required to be sent to the general merchandise retailers has been included in these Hardware MIGs to comply with their data receipt requirements. On the receiving side, there is very little data that has been added to these Hardware MIGs that is not currently supported in the Retail MIGs. An example of this data would be the sub-lining added for timber purposes, which customers would need to use when specifying piece lengths for cut to length packs. In such scenarios, it may be that suppliers will have to negotiate the receipt of this extra data from customers who may not be currently providing it on purchase orders.

Back Orders:

Whether or not backordering is allowed is to be agreed between trading partners. As this is usually done outside the dynamic messaging environment, there is no dynamic flag within any Hardware MIG to specify whether or not an ordered item may be placed on back order if it cannot be supplied initially. However, for those for whom back orders are allowable, the Purchase Order Response message does allow the supplier to acknowledge that part or all of the order has been placed on back order.

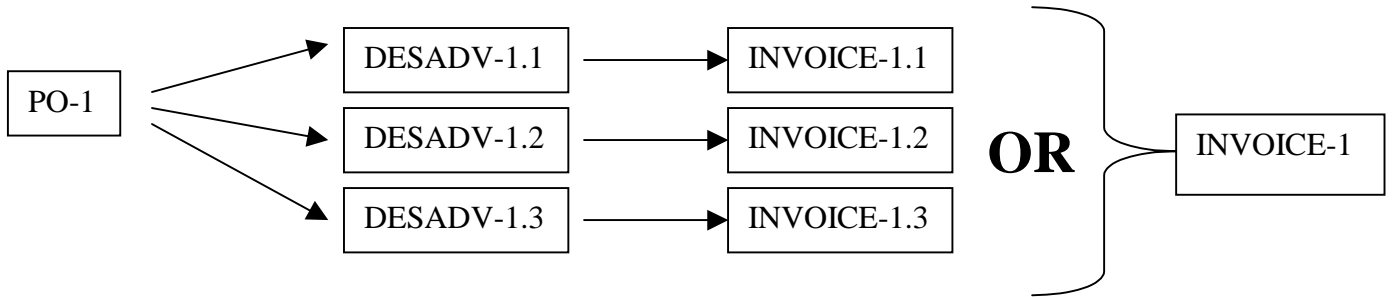
Substitutions:

The ORDRSP, DESADV and INVOICE messages all contain provisions for handling substitutions. They all use the PIA segment (4347 = 4) to carry the item originally ordered, whilst the substituted item is returned in the LIN segment. This functionality should only be used where substitutions are allowed within the trading partner relationship.

Relationship of Purchase Orders, to Despatch Advice and Invoice:

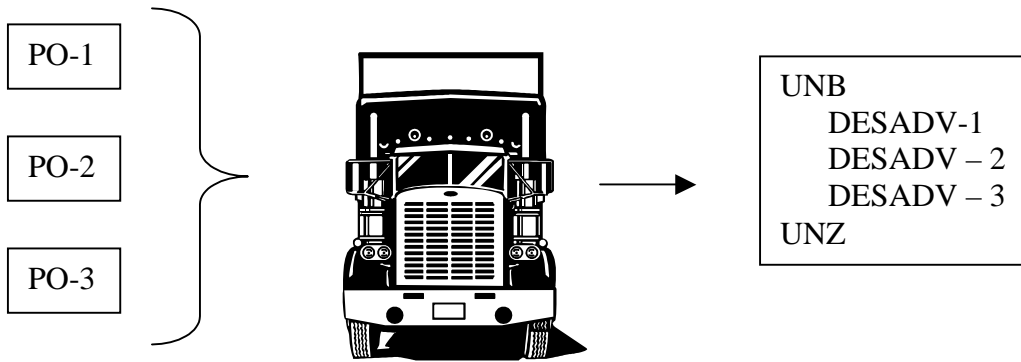
The RFF – Reference segment at both message header and detail levels are used to make reference links to other related documents. In the invoice, the RFF (header) may reference a previous despatch advice and/or purchase order. The RFF (detail) may reference the line # on that previous document.

A purchase order may be split across multiple deliveries. There must be a separate DESADV per delivery. There may be a separate invoice per delivery also, or there may be one invoice consolidating all dispatches back to the original purchase order. See diagram 1 below:



- Diagram 1 -

Alternatively, multiple purchase orders may be consolidated into one shipment. This shipment will require a DESADV per Purchase Order. The multiple DESADV messages may all be consolidated into a manifest and sent as a single EDI interchange. See diagram 2 below:



- Diagram 2 -

Timber Industry Implementation Scenarios for Invoice:

Below is a brief synopsis of how these user segments could be implemented to support the flexibility of pack invoicing required in the timber industry. Note that the timber industry requires the ability to list the pack tally (contents by piece length x quantity) of each pack.

The usual treatment of line items is to group the one pack type at the line level. To be able to provide pack tallies for each individual pack it has been necessary to create a pack hierarchy using the sublining mechanism.

Note: this is not an EANCOM supported implementation structure. It has been provided in this MIG as an interim solution so that those companies not yet using the DESADV for receipting can still receive a pack tally:³

LIN+1.... GTIN of pack type A (**line item level**)

RFF - Reference to original line item on purchase order and/or despatch advice + line

QTY - invoice quantity in GTIN implicit UOM i.e. EA

QTY - invoice quantity in alternate UOM, normally pricing UOM

PRI - price per EA or per pricing UOM

MOA - total extended amount

LIN+2 - 1st subline for 1st pack (**pack level**)

QTY – invoice quantity in alternate UOM, normally pricing UOM

RFF - pack serial #

LIN+3 - 1st sub-subline for **pack contents level** i.e. start of pack tally

MEA – piece length

QTY – number of pieces

LIN+4 - 2nd sub-subline for next piece

MEA – piece length

QTY – number of pieces

1st pack tally

LIN+5 - 2nd subline for 2nd pack

QTY – invoice quantity in alternate UOM, normally pricing UOM

RFF - pack serial #

LIN+6 - 3rd sub-subline i.e. start of next pack tally

MEA - piece length

QTY – number of pieces

2nd pack tally

LIN+7... GTIN identifying pack type B

....etc.

³ For additional information please refer to the document developed by the 2002 Timber Subgroup of the Hardware Industry B2B Electronic Commerce Project: *Identification of Timber with the EAN/UCC Numbering Standard – Product Variability Considerations (Version 1.0)*.

INVOIC Invoice Message**Notes:**

Hardware Industry Invoice: Implementation v1.0, April 2003

BUSINESS RULES OF THE HARDWARE INDUSTRY:

- THERE IS A ONE TO ONE CORRESPONDENCE BETWEEN DESPATCH ADVICE AND INVOICE WHERE POSSIBLE (SEE PREAMBLE).

- FOR DOMESTIC TRADE, THE CURRENCY WILL ALWAYS BE IN AUSTRALIAN DOLLARS AND THEREFORE WILL NOT BE SPECIFIED IN THE INVOICE MESSAGE.

- FOR OVERSEAS TRADE (RECOMMENDED FOR NEW ZEALAND ONLY) THE CURRENCY WILL BE SPECIFIED.

Heading Section:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
3	0010	UNH	Message Header	M	M	1		
4	0020	BGM	Beginning of Message	M	M	1		
6	0030	DTM	Date/Time/Period	M	M	35		
7	0070	FTX	Free Text	C	O	10		
	0080		Segment Group 1	C	R		99	
9	0090	RFF	Reference	M	M	1		
	0110		Segment Group 2	C	R		99	
11	0120	NAD	Name and Address	M	M	1		
	0150		Segment Group 3	C	D		9999	
14	0160	RFF	Reference	M	M	1		
	0280		Segment Group 7	C	O		5	
16	0290	CUX	Currencies	M	M	1		
	0310		Segment Group 8	C	O		10	
19	0320	PAT	Payment Terms Basis	M	M	1		
20	0330	DTM	Date/Time/Period	C	O	5		
	0490		Segment Group 13	C	O		1000	
22	0500	PAC	Package	M	M	1		
	0570		Segment Group 15	C	O		9999	
24	0580	ALC	Allowance or Charge	M	M	1		
	0690		Segment Group 19	C	R		2	
26	0700	MOA	Monetary Amount	M	M	1		
	0720		Segment Group 20	C	O		1	
28	0730	RTE	Rate Details	M	M	1		
	0750		Segment Group 21	C	O		5	
30	0760	TAX	Duty/Tax/Fee Details	M	M	1		
31	0770	MOA	Monetary Amount	C	O	1		

Detail Section:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
	0890		Segment Group 25	C	R		9999999	

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33	0900	LIN	Line Item	M	M	1	
34	0910	PIA	Additional Product Id	C	D	25	
36	0920	IMD	Item Description	C	O	10	
37	0930	MEA	Measurements	C	O	5	
39	0940	QTY	Quantity	C	R	5	
40	1000	QVR	Quantity Variances	C	O	1	
42	1020	FTX	Free Text	C	O	5	
	1030		Segment Group 26	C	R	5	
44	1040	MOA	Monetary Amount	M	M	1	
	1110		Segment Group 28	C	R	25	
46	1120	PRI	Price Details	M	M	1	
	1160		Segment Group 29	C	O	10	
48	1170	RFF	Reference	M	M	1	
49	1180	DTM	Date/Time/Period	C	O	5	
	1190		Segment Group 30	C	O	10	
51	1200	PAC	Package	M	M	1	
52	1210	MEA	Measurements	C	O	10	
	1220		Segment Group 31	C	O	10	
54	1230	PCI	Package Identification	M	M	1	
	1310		Segment Group 33	C	O	99	
56	1320	TAX	Duty/Tax/Fee Details	M	M	1	
57	1330	MOA	Monetary Amount	C	O	1	

Section Control:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
58	1790	UNS	Section Control	M	M	1		

Summary Section:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
59	1800	CNT	Control Total	C	O	10		
	1810		Segment Group 48	M	M	100		
61	1820	MOA	Monetary Amount	M	M	1		
	1860		Segment Group 50	C	O	10		
63	1870	TAX	Duty/Tax/Fee Details	M	M	1		
64	1880	MOA	Monetary Amount	C	O	2		
	1890		Segment Group 51	C	O	15		
66	1900	ALC	Allowance or Charge	M	M	1		
67	1920	MOA	Monetary Amount	C	R	2		
68	1930	UNT	Message Trailer	M	M	1		

Segment: **UNH** Message Header
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment starting and uniquely identifying a message. The message type code for the Invoice message is INVOIC.
 Note: Invoice messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 INVOIC 0052 D 0054 96A 0051 UN

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

DE's 0065, 0052, 0054, and 0051: Indicate that the message is a UNSM Invoice based on the D.93A directory under the control of the United Nations.

DE 0057: Indicates that the message is the EANCOM version 007 of the UNSM Invoice.

Example :

UNH+1+INVOIC:D:93A:UN:EAN007'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0062		MESSAGE REFERENCE NUMBER	M an..14	M
		Senders unique message reference. Sequence number of messages in the interchange. DE 0062 in UNT will have the same value. Generated by the sender.		
S009		MESSAGE IDENTIFIER	M	M
	0065	Message type identifier	M an..6	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>INVOIC Invoice message</i>		
	0052	Message type version number	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>D Draft directory</i>		
	0054	Message type release number	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>96A Version 96A</i>		
	0051	Controlling agency	M an..2	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)</i>		
	0057	Association assigned code	C an..6	R
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>EAN008 EAN Version control number</i>		
0068		COMMON ACCESS REFERENCE	C an..35	X
S010		STATUS OF THE TRANSFER	C	X
	0070	Sequence message transfer number	M n..2	X
	0073	First/last sequence message transfer indication	C a1	X

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment by which the sender must uniquely identify the invoice by means of its type and number and when necessary its function.

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

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

DE 1001: It is of critical importance to use the appropriate document name qualifier relevant to the message.

DE 1225: The message function, coded is a critical data element in this segment. It applies to all data indicated in the message. Consequently, one separate message has to be provided per type of function required. The following definitions apply for the restricted codes:

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

9 = Original - An indication to the receiver that this invoice is an original invoice, i.e., not a replacement or duplicate.

Example :

BGM+388+432097+9'

This example identifies the document as being an original tax invoice using the code value 388. The document has the reference number 432097.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C002	1001	DOCUMENT/MESSAGE NAME	C	R
		Document/message name, coded	C an..3	R

THIS HAS AN EANCOM RESTRICTED CODE LIST

Codes 381, 383 & 384 have been added for Retail.

83 *Credit note related to financial adjustments*
 Used as a financial release. Note: The message must contain all information required by the Australian Taxation Office (ATO). (Not used by Retail.)

84 *Debit note related to financial adjustments*
 Used as a financial release. Note: The message must contain all information required by the Australian Taxation Office (ATO). (Not used by Retail.)

380 *Commercial invoice*
 For the Hardware Industry, the use of code 380, relates to a "signed" (i.e. + or -) adjustment note document. If it is to be used as a "signed" adjustment note, then the text "ADJUSTMENT NOTE" must be specified in DE1000.

381 *Credit note*

383 *Debit note*

	384	<i>Corrected invoice</i>		
	388	<i>Tax Invoice</i>		
			Code 388 is to be used only if the invoice is to be referred to as a Tax Invoice for Australian Taxation or legal reasons.	
1131	Code list qualifier		C an..3	X
3055	Code list responsible agency, coded		C an..3	X
1000	Document/message name		C an..35	D
		The use of this DE to specify the text "TAX INVOICE" is optional. This is because the code used in DE1001 is explicit to the message name and function. It is not recommended by the Hardware Industry that this DE be used.		
		If the code 380 is specified in DE1001, then it is mandatory that the text "ADJUSTMENT NOTE" be specified in DE1000.		
1004	DOCUMENT/MESSAGE NUMBER		C an..35	R
		Invoice Number or Adjustment Note Number assigned by document sender.		
1225	MESSAGE FUNCTION, CODED		C an..3	R
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
	7	<i>Duplicate</i>		
		Retransmission involving the same parties, on the specific request of the receiver.		
	9	<i>Original</i>		
		An indication to the receiver that this invoice is an original invoice, i.e., not a replacement or duplicate.		
4343	RESPONSE TYPE, CODED		C an..3	X

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 1
Usage: Mandatory
Max Use: 35
Purpose: A segment specifying general dates and, when relevant, times related to the whole message. The segment must be specified at least once to identify the invoice date. Examples of the use of this DTM segment is: "shipped on date" or "delivery date". The Date/time/period segment within other Segment groups should be used whenever the date/time/period requires to be logically related to another specified data item e.g. Payment due date is specified within the PAT Segment group.

Notes: This segment is used to specify the date or period of the invoice. It may also be used to specify the date on which the goods were despatched, delivered, or received.

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

Example :

DTM+137:19971008:102'

The document date is the 8th of October 1997.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507	2005	DATE/TIME/PERIOD	M	M
		Date/time/period qualifier	M an..3	M
THIS HAS AN EANCOM RESTRICTED CODE LIST				
		35	<i>Delivery date/time, actual</i>	
			If known by the supplier. This will help reconciliation as the receiving point.	
		137	<i>Document/message date/time</i>	
		454	<i>Accounting Value Date (EAN Code)</i>	
			Code 454 is optional and can be negotiated for use between trading parties.	
			Code 454 is used as an effective invoice date, especially in advising the trading partner that it is from this specified date that payment terms would be calculated from. This scenario may arise when an invoice is generated mid month, however payment calculations may occur once at the end of each month.	
	2380	Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R
		102	CCYYMMDD	

Segment: **FTX** Free Text
Position: 0070
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment with free text information, in coded or clear form, used when additional information is needed but cannot be accommodated within other segments. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

Notes: This segment is used to provide free form or coded text information which applies to the complete invoice message.

Use of this segment in free form is not recommended since in most cases it inhibits automatic processing of the Invoice.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4451		TEXT SUBJECT QUALIFIER	M an..3	M
		<i>CHG</i> <i>Change information</i>		
		Used in an Adjustment Note to indicate the reason for the adjustment.		
		<i>DEL</i> <i>Delivery information</i>		
		<i>PKG</i> <i>Packaging information</i>		
4453		TEXT FUNCTION, CODED	C an..3	X
C107		TEXT REFERENCE	C	X
	4441	Free text, coded	M an..3	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
C108		TEXT LITERAL	C	R
	4440	Free text	M an..70	M
		Required (up to 70 characters if more use next field)		
	4440	Free text	C an..70	O
	4440	Free text	C an..70	O
	4440	Free text	C an..70	O
	4440	Free text	C an..70	O
3453		LANGUAGE, CODED	C an..3	X

Group: **RFF** Segment Group 1: Reference
Position: 0080
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 99
Purpose: A group of segments for giving references and where necessary, their dates, relating to the whole message, e.g. contract number, import/export license number, despatch advice number.
Notes: Required to reference related purchase order being invoiced.

Segment Summary

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

Segment: **RFF** Reference
Position: 0090 (Trigger Segment)
Group: SG1
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.

Notes: This segment is used to specify references which relate to the whole invoice, for example, Purchase Order Numbers, Delivery Numbers, etc.

If the document type is a credit note the invoice to which it relates may need to be specified. This is done using the 'IV' qualifier for DE 1153.

Example :

RFF+ON:ORDERNUMBER123'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE	M	M
	1153	Reference qualifier	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST.		
		<i>AAO</i>	<i>Consignee's shipment reference number</i>	
			Code AAO refers to the Consignment Number as assigned to the consignment by the carrier.	
		<i>DQ</i>	<i>Delivery note number</i>	
			Use to reference either paper delivery docket from supplier or electronic despatch advice from supplier i.e. whichever document is to be used against which to match the goods receipt.	
		<i>IV</i>	<i>Invoice number</i>	
			Used in Adjustment Note to refer to previous Tax Invoice.	
		<i>ON</i>	<i>Order number (purchase)</i>	
			Required: An Order Number must always be referenced in the Invoice message.	
		<i>VN</i>	<i>Order number (vendor)</i>	
			Appropriate in a vendor managed inventory scenario.	
	1154	Reference number	C an..35	R
	1156	Line number	C an..6	X
	4000	Reference version number	C an..35	X

Group: **NAD** Segment Group 2: Name and Address
Position: 0110
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 99
Purpose: A group of segments identifying the parties with associated information.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0120	NAD	Name and Address	M	1	
	0150		Segment Group 3: Reference	C		9999

Segment:	NAD Name and Address
Position:	0120 (Trigger Segment)
Group:	SG2
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the invoice. Identification of the seller and buyer parties is mandatory for the invoice message. It is recommended that where possible only the coded form of the party ID should be specified e.g. The Buyer and Seller are known to each other, thus only the coded ID is required, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.
Notes:	<p>The NAD segment is used to identify the trading parties involved in the invoice process. Identification of the buyer and supplier of goods and services is mandatory in the Invoice. Additionally, the issuer of the invoice and the invoicee must be identified if different from the buying and supplying parties. The consignee or delivery party needs to be specified if different to the buyers address.</p> <p>DE 3039: For identification of parties it is recommended to use EAN location codes.</p> <p>If coded address information can not be used it is recommended to use a structured address (C080 through 3207).</p> <p>Example :</p> <p>NAD+BY+5412345000020::9' NAD+IV+1234567890123::9' NAD+SU+4441238970113::9'</p>

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		PARTY QUALIFIER	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>BS</i>	<i>Bill and ship to</i>	
		<i>BY</i>	<i>Buyer</i>	
			Code BY is mandatory. For the Hardware Industry the party identified by the code BY refers to the Store.	
		<i>IV</i>	<i>Invoicee</i>	
			IV is the party to whom the invoice is issued or sent to. Use IV if the party is different to the Buyer.	
		<i>PE</i>	<i>Payee</i>	
		<i>PR</i>	<i>Payer</i>	
		<i>ST</i>	<i>Ship to</i>	
		<i>SU</i>	<i>Supplier</i>	
			SU is mandatory.	
		<i>UD</i>	<i>Ultimate customer</i>	
C082		PARTY IDENTIFICATION DETAILS	C	Re c
	3039	Party id. identification	M an..35	M
		EAN Location Code - Format n13		
		EAN recommends the use of the EAN Global Location Number for EANCOM compliance e.g. 1234567890128 (NB: The GLN must include a correctly calculated check-digit).		
		For Australian domestic only, where EAN GLNs are not available, eg, because of migration, non-EAN numbers can be used.		

If the order is for delivery to the ultimate customer and where code UD is used in DE3035, then DE3039, DE1131 and DE3055 need not be used.

If code UD is used in DE3055, then it is recommended that DE3036 is used for the delivery-to customer's name, and at least one and a maximum of three iterations of DE3042, DE3164 for the suburb and DE3251 for the postal code.

1131	Code list qualifier	C	an..3	X
3055	Code list responsible agency, coded	C	an..3	R
THIS HAS AN EANCOM RESTRICTED CODE LIST				
	9			<i>EAN (International Article Numbering association)</i>
	91			<i>Assigned by seller or seller's agent</i>
	92			<i>Assigned by buyer or buyer's agent</i>
C058	NAME AND ADDRESS	C		X
3124	Name and address line	M	an..35	X
3124	Name and address line	C	an..35	X
3124	Name and address line	C	an..35	X
3124	Name and address line	C	an..35	X
3124	Name and address line	C	an..35	X
C080	PARTY NAME	C		D
Must be used if DE3035 uses code UD. Otherwise optional.				
3036	Party name	M	an..35	M
Party Name in clear text.				
3036	Party name	C	an..35	O
3036	Party name	C	an..35	X
3036	Party name	C	an..35	X
3036	Party name	C	an..35	X
3045	Party name format, coded	C	an..3	X
C059	STREET	C		D
Must be used if DE3035 uses code UD. Otherwise not used.				
3042	Street and number/p.o. box	M	an..35	M
Building Name/Number and Street Name				
3042	Street and number/p.o. box	C	an..35	O
Name and/or P.O. Box.				
3042	Street and number/p.o. box	C	an..35	O
3042	Street and number/p.o. box	C	an..35	X
3164	CITY NAME	C	an..35	D
City/Town name, clear text				
Must be used if DE3035 uses code UD. Otherwise not used.				
3229	COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9	D
County/State in clear text.				
Must be used if DE3035 uses code UD. Otherwise not used.				
3251	POSTCODE IDENTIFICATION	C	an..9	D
Postal Code				
Must be used if DE3035 uses code UD. Otherwise not used.				
3207	COUNTRY, CODED	C	an..3	D
ISO 3166 two alpha code				
For overseas use only				

Group: **RFF** Segment Group 3: Reference
Position: 0150
Group: Segment Group 2 (Name and Address) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 9999
Purpose: A group of segment for giving references only relevant to the specified party rather than the whole invoice.
Notes: Dependency rule: If BGM data element 1001 = 388 Tax Invoice, then the ABN of the supplier must be shown in this RFF segment.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0160	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 0160 (Trigger Segment)
Group: SG2-SG3
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.
Notes: This segment is used to specify reference numbers related to the trading parties identified in the previous NAD segment.
 Example :
 RFF+AMT:1300366033'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506	1153	REFERENCE Reference qualifier	M M an..3	M M
THIS HAS AN EANCOM RESTRICTED CODE LIST.				
		<i>AMT</i> <i>Goods and Services Tax Identification Number</i>		
This code relates to the Australian Business Number (ABN). An AMT code will be required for parties (supplier) identified in the NAD segment.				
		<i>VA</i> <i>VAT registration number</i>		
Required if BGM 1001 = 388 Tax Invoice				
This code is now being superceded with the code AMT. For migration reason code VA is still valid, as it is being used in the Australian Retail Industry.				
	1154	Reference number	C an..35	R
	1156	Line number	C an..6	X
	4000	Reference version number	C an..35	X

Group: **CUX** Segment Group 7: Currencies
Position: 0280
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 5
Purpose: A group of segments specifying the currencies and related dates/periods valid for the whole invoice. Currency data maybe omitted in national applications but will be required for international transactions.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0290	CUX	Currencies	M	1	

Segment: **CUX** Currencies
Position: 0290 (Trigger Segment)
Group: SG7
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the currencies required in the invoice e.g. the invoice currency. A rate of exchange may be given to convert a reference currency into a target currency.
Notes: The Hardware Industry Business Rule:-

- It is recommended that the use of this segment is ONLY for use when trading with New Zealand partners.
- It is NOT recommended for Australian domestic transactions.

The CUX Segment may be omitted for national exchanges.
 The CUX Segment is mandatory for international exchanges.

This segment is used to specify the currencies for international invoicing.

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

The general rule for calculating the rate of exchange is as follows :

Reference Currency multiplied by Rate = Target Currency.

Example :

1. Where only the invoicing currency needs to be identified for national trade.
 CUX+2:GBP:4'
2. For international trade, the invoicing currency is identified as Pounds Sterling but the payment currency is to be in Belgian Francs. The rate of exchange between the two is 48.50 Belgian Francs to 1 Pound Sterling.
 CUX+2:GBP:4+3:BEF:11+48.50'

Dependency Notes :

C504: The second occurrence of this composite is only used is a target currency is being specified.

5402: The rate of exchange is only used is a target currency has been identified in the second occurrence of C504

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
C504		CURRENCY DETAILS	C	R	
	6347	Currency details qualifier	M an..3	M	
		THIS HAS AN EANCOM RESTRICTED CODE LIST			
	2	<i>Reference currency</i>			
	6345	Currency, coded	C an..3	R	
		ISO 4217 three alpha			
		Specify the code for New Zealand currency i.e. NZD			
	6343	Currency qualifier	C an..3	R	

THIS HAS AN EANCOM RESTRICTED CODE LIST

		<i>4</i>	<i>Invoicing currency</i>		
C504	6348	Currency rate base	C	n..4	X
		CURRENCY DETAILS	C		X
	6347	Currency details qualifier	M	an..3	X
	6345	Currency, coded	C	an..3	X
	6343	Currency qualifier	C	an..3	X
	6348	Currency rate base	C	n..4	X
5402		RATE OF EXCHANGE	C	n..12	X
6341		CURRENCY MARKET EXCHANGE, CODED	C	an..3	X

Group: **PAT** Segment Group 8: Payment Terms Basis
Position: 0310
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying the terms of payment applicable for the whole invoice.
Notes:

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0320	PAT	Payment Terms Basis	M	1	
O	0330	DTM	Date/Time/Period	C	5	

Segment: **PAT** Payment Terms Basis
Position: 0320 (Trigger Segment)
Group: SG8
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the payment terms and date/time basis.
Notes: This segment is used by the issuer of the invoice to specify the payment terms for the complete invoice.

Example :
 PAT+1'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4279		PAYMENT TERMS TYPE QUALIFIER	M an..3	M
		<i>1 Basic</i>		
C110		PAYMENT TERMS	C	X
	4277	Terms of payment identification	M an..17	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	4276	Terms of payment	C an..35	X
	4276	Terms of payment	C an..35	X
C112		TERMS/TIME INFORMATION	C	O
		Optional composite d.e. C112 is for Retail alignment only.		
	2475	Payment time reference, coded	M an..3	M
		<i>5 Date of invoice</i>		
		<i>68 Effective date</i>		
		Use when an accounting value date has been stated in the DTM at header. i.e. the payment terms are relative to this effective date.		
	2009	Time relation, coded	C an..3	O
		<i>3 After reference</i>		
	2151	Type of period, coded	C an..3	R
		<i>D Day</i>		
		<i>M Month</i>		
		<i>WD Working days</i>		
	2152	Number of periods	C n..3	R

Segment: **DTM** Date/Time/Period
Position: 0330
Group: SG8
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment giving the specific date/time/period, if needed, of any payments, discounts, instalments etc.
Notes: This segment is used to specify any dates associated with the payment of the invoice.

Example :

Net due date for payment the 31st August 1993.

DTM+13:19930831:102'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M	M
	2005	Date/time/period qualifier	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		13	<i>Terms net due date</i>	
			Mandatory use of Code 13.	
	2380	Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R
		102	<i>CCYYMMDD</i>	

Group: **PAC** Segment Group 13: Package
Position: 0490
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 1000
Purpose: A group of segments identifying the packaging, physical dimensions and marks and numbers for goods referenced by the whole invoice.
Notes: ***Not used in NZ. Used in Australian retail***
 Optional for Retail.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0500	PAC	Package	M	1	

Segment: **PAC** Package
Position: 0500 (Trigger Segment)
Group: SG13
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the number and type of packages for the whole invoice, e.g. number and type of pallets.
Notes: This segment is used to enable the invoice message to be used as valued despatch advice message by detailing the total count of each package type being invoiced.

Example:

PAC+6++CR'

The invoice relates to 6 crates.

Dependency notes:

Composite C532 is only used where the packaging being described is returnable. This composite identifies who is responsible for payment of its return.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7224		NUMBER OF PACKAGES	C n..8	R
C531		PACKAGING DETAILS	C	X
	7075	Packaging level, coded	C an..3	X
	7233	Packaging related information, coded	C an..3	X
	7073	Packaging terms and conditions, coded	C an..3	X
C202		PACKAGE TYPE	O	O
	7065	Type of packages identification	C an..17	R
		Any code used should be from the UN Recommendation 21 (Codes for Types of Cargo, Packages and Packaging Materials), 2 character alphabetic code e.g. BG Bag, KG Keg		
		<i>BG</i>	<i>Bag</i>	
		<i>PK</i>	<i>Package</i>	
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	7064	Type of packages	C an..35	X
C402		PACKAGE TYPE IDENTIFICATION	C	X
	7077	Item description type, coded	M an..3	X
	7064	Type of packages	M an..35	X
	7143	Item number type, coded	C an..3	X
	7064	Type of packages	C an..35	X
	7143	Item number type, coded	C an..3	X
C532		RETURNABLE PACKAGE DETAILS	C	X
	8395	Returnable package freight payment responsibility, coded	C an..3	X
	8393	Returnable package load contents, coded	C an..3	X

Group: **ALC** Segment Group 15: Allowance or Charge
Position: 0570
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segments specifying allowances and charges for the whole invoice. The allowance or charge specified within this Segment group may either relate to the total invoice in which case it cannot be overridden at detail level, or it can relate to the line items as a default allowance/charge and can be overridden by the ALC Segment group within the detail section. Where relevant, additional information, tax and alternate currency details are to be indicated in the TAX and MOA segments.
 The basis for the calculation of the allowance/charge may be a quantity, a percentage, an amount or a rate and one of the Segment group 15-19 should be used accordingly.

Notes:

Segment Summary

	Pos.	Seg.	Name	Req.	Max.	Group:
	No.	ID		Des.	Use	Repeat
M	0580	ALC	Allowance or Charge	M	1	
	0690		Segment Group 19: Monetary Amount	C		2
	0720		Segment Group 20: Rate Details	C		1
	0750		Segment Group 21: Duty/Tax/Fee Details	C		5

Segment: **ALC** Allowance or Charge
Position: 0580 (Trigger Segment)
Group: SG15
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the charge or allowance and, where necessary, its calculation sequence.

Notes: This segment is used to indicate any Allowances or Charges with reference to the total invoice, e.g. packaging costs.

Any allowances or charges specified in the detail section do not override or replace allowances or charges specified at header level.

DE 1227: The calculation sequence indicator is used when multiple allowances and/or charges are applicable. If various allowances and/or charges percentages, quantities, monetary amounts, or, rates are applicable to the same base price, then the calculation sequence indicator will always equal one. If the various allowances and/or charges are applied against a fluctuating price (constantly changing because of the application of other allowances and/or charges) then the sequence of calculation is indicated using this data element.

Example :

ALC+C'

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5463		ALLOWANCE OR CHARGE QUALIFIER	M an..3	M
		A Allowance		
		C Charge		
C552		ALLOWANCE/CHARGE INFORMATION	C	X
	1230	Allowance or charge number	C an..35	X
	5189	Charge/allowance description, coded	C an..3	X
4471		SETTLEMENT, CODED	C an..3	X
1227		CALCULATION SEQUENCE INDICATOR, CODED	C an..3	X
C214		SPECIAL SERVICES IDENTIFICATION	C	X
	7161	Special services, coded	C an..3	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	7160	Special service	C an..35	X
	7160	Special service	C an..35	X

Group: **MOA** Segment Group 19: Monetary Amount
Position: 0690
Group: Segment Group 15 (Allowance or Charge) Conditional (Optional)
Level: 2
Usage: Conditional (Required)
Max Use: 2
Purpose: A group of segments specifying a monetary amount for an allowance or charge. A range to which the allowance or charge applies can be specified, e.g. an allowance of 5000 BEF may be specified if goods value ordered is greater than 100000 BEF.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0700	MOA	Monetary Amount	M	1	

Segment: **MOA** Monetary Amount
Position: 0700 (Trigger Segment)
Group: SG15-SG19
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the monetary amount for the allowance or charge.
Notes: This segment is used to specify any monetary discounts or charges for the current ALC segment group.

All amounts shown may be inclusive or exclusive of any tax that may be applicable - use appropriate qualifying codes. Note: the tax component included can be shown in subsequent TAX/MOA segments.

Example :

MOA+286:125'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT	M	M
	5025	Monetary amount type qualifier	M an..3	M
		Codes 388 and 389 are not in EANCOM, but occur in the 02B UN/EDIFACT directory. They will be raised as a change request for addition to EANCOM.		
		8	<i>Allowance or charge amount</i>	
			Optional for Retail.	
		64	<i>Freight charge</i>	
			Code 64 is related to moving of goods from one place to another.	
		106	<i>Packing cost</i>	
		286	<i>Administration Charge</i>	
		388	<i>Total amount including tax</i>	
		389	<i>Amount excluding tax</i>	
	5004	Monetary amount	C n..18	R
	6345	Currency, coded	C an..3	X
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

Group: **RTE** Segment Group 20: Rate Details
Position: 0720
Group: Segment Group 15 (Allowance or Charge) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments specifying the rate per unit and basis to which the allowance or charge applies, e.g. the allowance/charge amount is 3 DEM per 10 tons.
Notes: Optional for Retail.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0730	RTE	Rate Details	M	1	

Segment: **RTE** Rate Details
Position: 0730 (Trigger Segment)
Group: SG15-SG20
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the rate per unit and the basis for calculation.
Notes: This segment is used to specify rate discounts or charges for the current ALC segment group.

Example :

RTE+1:500:100'

Dependency Notes :

DE 6411 is only used if a variable quantity product or service is being indicated in the allowance or charge.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C128		RATE DETAILS	M	M
	5419	Rate type qualifier 2 <i>Charge rate</i>	M an..3	M
	5420	Rate per unit Used to identify the monetary value.	M n..15	M
	5284	Unit price basis The quantity required for the rate to be effective.	C n..9	X
	6411	Measure unit qualifier <i>KGM Kilogram</i>	C an..3	D

Group: **TAX** Segment Group 21: Duty/Tax/Fee Details
Position: 0750
Group: Segment Group 15 (Allowance or Charge) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A group of segments specifying tax related information for the allowance or charge and, when necessary.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0760	TAX	Duty/Tax/Fee Details	M	1	
O	0770	MOA	Monetary Amount	C	1	

Segment: **TAX** Duty/Tax/Fee Details
Position: 0760 (Trigger Segment)
Group: SG15-SG21
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the tax type, category and rate, or exemption, related to the allowance or charge.
Notes: Segment to signify whether the allowances and charges specified in SG14 are subject to tax.

Example :

TAX+7+GST++++:::10'

Dependency Notes:

DE C241 and 5305: Tax types and categories will vary from country to country. They should be defined by national

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5283		DUTY/TAX/FEE FUNCTION QUALIFIER 7 Tax	M an..3	M
C241	5153	DUTY/TAX/FEE TYPE Duty/tax/fee type, coded GST Goods and services tax	C C an..3	R R
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	5152	Duty/tax/fee type	C an..35	X
C533		DUTY/TAX/FEE ACCOUNT DETAIL	C	X
	5289	Duty/tax/fee account identification	M an..6	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
5286		DUTY/TAX/FEE ASSESSMENT BASIS	C an..15	X
C243		DUTY/TAX/FEE DETAIL	C	O
	5279	Duty/tax/fee rate identification	C an..7	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	5278	Duty/tax/fee rate	C an..17	R
		Specify the actual tax rate in DE5278		
	5273	Duty/tax/fee rate basis identification	C an..12	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
5305		DUTY/TAX/FEE CATEGORY, CODED	C an..3	X
3446		PARTY TAX IDENTIFICATION NUMBER	C an..20	X

Segment: **MOA** Monetary Amount
Position: 0770
Group: SG15-SG21
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying the amount for the allowance or charge.

Notes: This segment is used to indicate tax or duty amount for the tax rates specified in the previous TAX segment.

Example :

MOA+124:154.76'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT	M	M
	5025	Monetary amount type qualifier	M an..3	M
		<i>124 Tax amount</i>		
	5004	Monetary amount	C n..18	R
	6345	Currency, coded	C an..3	X
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

Group: **LIN** Segment Group 25: Line Item
Position: 0890
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 9999999
Purpose: A group of segments providing details of the individual invoiced items. There must be at least one occurrence of Segment group 22 within an invoice, but not necessarily in a credit note or a debit note. This Segment group may be repeated to give sub-line details.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0900	LIN	Line Item	M	1	
D	0910	PIA	Additional Product Id	C	25	
O	0920	IMD	Item Description	C	10	
O	0930	MEA	Measurements	C	5	
R	0940	QTY	Quantity	C	5	
O	1000	QVR	Quantity Variances	C	1	
O	1020	FTX	Free Text	C	5	
	1030		Segment Group 26: Monetary Amount	C		5
	1110		Segment Group 28: Price Details	C		25
	1160		Segment Group 29: Reference	C		10
	1190		Segment Group 30: Package	C		10
	1310		Segment Group 33: Duty/Tax/Fee Details	C		99

Segment: **LIN** Line Item
Position: 0900 (Trigger Segment)
Group: SG25
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service invoiced. Other product identification numbers, e.g. Buyer product number etc., can be specified within the following PIA segment.

Notes: The LIN segment signifies the beginning of the detail section of the Invoice message. The detail section is formed by a repeating group of segments, always starting with a LIN segment.

Each LIN segment corresponds to a different product being invoiced.

Example :

LIN+1++4000862141404:EN'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
1082		LINE ITEM NUMBER	C n..6	R
		Application generated number of the item lines within the invoice.		
1229		ACTION REQUEST/NOTIFICATION, CODED	C an..3	X
C212		ITEM NUMBER IDENTIFICATION	C	D
	7140	Item number	C an..35	R
		Format n..14 EAN/UCC-8, UCC-12, EAN/UCC-13 or EAN/UCC-14 - this is the number of the article being ordered.		
		If non-EAN/UCC numbers are used, then it is recommended that the PIA segment is used.		
	7143	Item number type, coded	C an..3	R
		<i>EN</i>	<i>International Article Numbering Association (EAN)</i>	
		<i>UP</i>	<i>UPC (Universal product code)</i>	
		Optional for Retail. Note in other MIGS (e.g. Purchase Order) this code has been discontinued as only code EN is required to identify an EAN GTIN item identifier. However, it may be that migration away from code UP has not yet occurred on the invoice in retail, so this code has been left in the list for that purpose.		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
C829		SUB-LINE INFORMATION	C	O
		Optionally used by the Timber industry to specify piece information at the subline level for pack tallies.		
	5495	Sub-line indicator, coded	C an..3	R
		<i>1</i>	<i>Sub-line information</i>	
	1082	Line item number	C n..6	R
		Line item number of the line item this subline belongs to.		
1222		CONFIGURATION LEVEL	C n..2	X
7083		CONFIGURATION, CODED	C an..3	X

Segment: **PIA** Additional Product Id
Position: 0910
Group: SG25
Level: 2
Usage: Conditional (Dependent)
Max Use: 25
Purpose: A segment providing either additional identification to the product specified in the LIN segment (e.g. Harmonized System number), or provides any substitute product identification.
Notes: This segment is used to specify additional or substitution item identification codes such as a buyer's or supplier's item number.

DE 4347: Product Id function coded has the following restricted coded functions:

1 - Additional Identification - To provide an additional identity for the product identified in the LIN segment. The additional identification can consist of :

A supplemental identification which provides more information complementary to the main article number provided in the LIN segment, e.g. a batch number, promotional variant number, product group number, etc.

An alternative identification which may be used instead of the main article number provided in the LIN segment, e.g. a buyers article number, an HIBC code, etc.

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

Examples :

PIA+1+ABC5343:SA'

Dependency rule: If the LIN segment is not used for product id using the EAN GTIN, then an alternative coded identifier must be used in the PIA.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4347		PRODUCT ID. FUNCTION QUALIFIER	M an..3	M

THIS HAS AN EANCOM RESTRICTED CODE LIST

1

Additional identification

Code 1 is used when an EAN/UCC number has been specified in the LIN segment.

The use of Code 1 is to give additional information to assist in "trouble-shooting" e.g. buyer's product id number or where a secondary EAN/UCC number is also associated with the primary EAN/UCC number specified in the LIN segment. A secondary EAN/UCC number would arise were a product is manufactured in two or more countries and each carrying a different EAN/UCC number e.g. camera film.

4

Substituted for

The identifier of the originally ordered item is shown here in the PIA segment. (The item that has been substituted is identified either in the LIN segment (if using EAN GTIN) or in a repeat of the PIA segment with 4347 = 5).

5

Product identification

Use Code 5 when there is no EAN/UCC number specified in the

LIN segment and a non-EAN/UCC code will be used to referenced the item.

C212		ITEM NUMBER IDENTIFICATION	M		M
	7140	Item number	C	an..35	R
	7143	Item number type, coded	C	an..3	R
THIS HAS AN EANCOM RESTRICTED CODE LIST					
		<i>EN</i>			<i>International Article Numbering Association (EAN)</i>
		<i>IN</i>			<i>Buyer's item number</i>
		<i>PV</i>			<i>Promotional variant number</i>
		<i>SA</i>			<i>Supplier's article number</i>
	1131	Code list qualifier	C	an..3	X
	3055	Code list responsible agency, coded	C	an..3	X
C212		ITEM NUMBER IDENTIFICATION	C		O
	7140	Item number	C	an..35	R
	7143	Item number type, coded	C	an..3	R
		<i>EN</i>			<i>International Article Numbering Association (EAN)</i>
		<i>IN</i>			<i>Buyer's item number</i>
		<i>PV</i>			<i>Promotional variant number</i>
		<i>SA</i>			<i>Supplier's article number</i>
	1131	Code list qualifier	C	an..3	X
	3055	Code list responsible agency, coded	C	an..3	X
C212		ITEM NUMBER IDENTIFICATION	C		O
	7140	Item number	C	an..35	R
	7143	Item number type, coded	C	an..3	R
		<i>EN</i>			<i>International Article Numbering Association (EAN)</i>
		<i>IN</i>			<i>Buyer's item number</i>
		<i>PV</i>			<i>Promotional variant number</i>
		<i>SA</i>			<i>Supplier's article number</i>
	1131	Code list qualifier	C	an..3	X
	3055	Code list responsible agency, coded	C	an..3	X
C212		ITEM NUMBER IDENTIFICATION	C		X
	7140	Item number	C	an..35	X
	7143	Item number type, coded	C	an..3	X
	1131	Code list qualifier	C	an..3	X
	3055	Code list responsible agency, coded	C	an..3	X
C212		ITEM NUMBER IDENTIFICATION	C		X
	7140	Item number	C	an..35	X
	7143	Item number type, coded	C	an..3	X
	1131	Code list qualifier	C	an..3	X
	3055	Code list responsible agency, coded	C	an..3	X

Segment: **IMD** Item Description
Position: 0920
Group: SG25
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment for describing the product or service being invoiced as well as product characteristic. This segment should be used for products or services that cannot be fully identified by a product code or article number.
Notes: This segment is used to identify the current line item.

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

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

Example :

IMD+F+:::U BEAUT FAN:DUAL CONTROL'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7077		ITEM DESCRIPTION TYPE, CODED <i>F Free-form</i>	C an..3	O
7081		ITEM CHARACTERISTIC, CODED	C an..3	X
C273		ITEM DESCRIPTION	C	R
	7009	Item description identification	C an..17	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	7008	Item description	C an..35	R
	7008	Item description	C an..35	O
		Optional use, if details are not able to be specified in first occurrence of DE7008.		
	3453	Language, coded	C an..3	X
7383		SURFACE/LAYER INDICATOR, CODED	C an..3	X

Segment: **MEA** Measurements
Position: 0930
Group: SG25
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment enabling the physical measurements of the invoiced item to be specified where this is required for full identification of the product. Any measurements must refer to the product in its unpacked form e.g. thickness of plastic film, length, weight, etc.

Notes: The MEA segment is not normally used in an invoice message. It has been added for timber industry requirements to be able to list the pack tally (piece length x quantity) of each pack being invoiced. Note that a product hierarchy has been built to accommodate this (see preamble).

This segment is used to specify the physical dimensions, storage limitations, or transport equipment limitations of a product.

Example :

To express piece length at pack component level, use MEA thus:

MEA+PD+LN+MTR:1.35'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT APPLICATION QUALIFIER	M an..3	M
		<i>PD Physical dimensions (product ordered)</i>		
C502		MEASUREMENT DETAILS	C	R
	6313	Measurement dimension, coded	C an..3	R
		<i>AAW Gross volume</i>		
		<i>AAX Net volume</i>		
		<i>LAY Number of layers (EAN Code)</i>		
		<i>Used by Woolworths for specifying the pallet configuration.</i>		
		<i>LN Length dimension</i>		
		<i>TH Thickness</i>		
		<i>ULY Number of units per layer (EAN Code)</i>		
		<i>Used by Woolworths for specifying the pallet configuration.</i>		
		<i>WD Width dimension</i>		
	6321	Measurement significance, coded	C an..3	X
	6155	Measurement attribute, coded	C an..3	X
	6154	Measurement attribute	C an..70	X
C174		VALUE/RANGE	C	R
	6411	Measure unit qualifier	M an..3	M
		<i>EA Each</i>		
		<i>GRM Gram</i>		
		<i>KGM Kilogram</i>		
		<i>LTR Litre (1 dm³)</i>		
		<i>MMT Millimetre</i>		
		<i>MTK Square metre</i>		
		<i>MTQ Cubic metre</i>		
		<i>MTR Metre</i>		
		<i>NAR Number of articles</i>		
		<i>Used with 6313 = LAY or ULY only.</i>		
		<i>PCE Piece</i>		
		<i>TNE Metric ton (1000kg)</i>		
	6314	Measurement value	C n..18	R
	6162	Range minimum	C n..18	X

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	6152	Range maximum	C	n..18	X
	6432	Significant digits	C	n..2	X
7383		SURFACE/LAYER INDICATOR, CODED	C	an..3	X

Segment: **QTY** Quantity
Position: 0940
Group: SG25
Level: 2
Usage: Conditional (Required)
Max Use: 5
Purpose: A segment identifying the product quantities e.g. invoiced quantity.
Notes: This segment is used to specify quantities related to the current line item.

DE 6063: The code value '1, Discrete quantity' is used at sub-line level to indicate the quantity of sub-line items included in the main line being invoiced.

Example :

QTY+21:200'
 QTY+47:200'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		QUANTITY DETAILS	M	M
	6063	Quantity qualifier	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		12	<i>Despatch quantity</i>	To be expressed in the UOM implicit to the GTIN i.e. this will indicate how many packs (if the GTIN is for a pack) were despatched, similarly how many pieces if the GTIN is for a piece.
		21	<i>Ordered quantity</i>	It is recommended that the Order Quantity be specified in the Invoice.
		47	<i>Invoiced quantity</i>	Code 47 is mandatory.
		52	<i>Quantity per pack</i>	Used at pack tally level for quantity of timber pieces in pack.
	6060	Quantity	M n..15	M
	6411	Measure unit qualifier	C an..3	D
		EA	<i>Each</i>	
		GRM	<i>Gram</i>	
		KGM	<i>Kilogram</i>	
		LTR	<i>Litre (1 dm3)</i>	
		MTK	<i>Square metre</i>	
		MTQ	<i>Cubic metre</i>	
		MTR	<i>Metre</i>	
		NAR	<i>Number of articles</i>	
		PCE	<i>Piece</i>	
		TNE	<i>Metric ton (1000kg)</i>	

Segment: **QVR** Quantity Variances
Position: 1000
Group: SG25
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment identifying quantity variances, between, e.g. quantity delivered/invoiced and quantity ordered.

Notes: This segment is used to specify any variances between what was ordered, what was shipped/despatched and what is being invoiced.

For negative values (e.g. damaged goods not accepted) the variance must be expressed as negative.

DE 6063: The codes 12 and 21 should only be used to report differences between the invoiced quantity and what was actually despatched or ordered. The codes 61 and 124 should only be used to (negatively) indicate the quantity of items which was delivered but found to be damaged, and/or returned.

Example :

QVR+-20:21+CP+AV'

This example shows a variance of 20 between what is being invoiced (QTY at LIN level) and what was originally ordered. Shipment completed no back order. Out of stock.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
C279		QUANTITY DIFFERENCE INFORMATION	C	R	
	6064	Quantity difference	M n..15	M	
	Specify the actual variance amount here.				
	6063	Quantity qualifier	C an..3	R	
		<i>12</i>	<i>Despatch quantity</i>		
		<i>21</i>	<i>Ordered quantity</i>		
		<i>61</i>	<i>Return quantity</i>		
		<i>119</i>	<i>Short shipped</i>		
	Code 119 is for credit purposes.				
		<i>121</i>	<i>Over shipped</i>		
		<i>124</i>	<i>Damaged goods</i>		
	4221		DISCREPANCY, CODED	C an..3	O
			<i>BP</i>	<i>Shipment partial - back order to follow</i>	
		<i>CC</i>	<i>Shipment complete</i>		
Code CC has been added to this code list so that when the final part of a backordered shipment has been shipped, it may be invoiced separately and the invoice can flag that the order is considered filled and closed.					
		<i>CP</i>	<i>Shipment partial - considered complete, no backorder</i>		
		<i>OW</i>	<i>Item out of stock at wholesaler</i>		
		<i>TW</i>	<i>Item temporary discontinued by wholesaler</i>		
C960		REASON FOR CHANGE	C	O	
	4295	Change reason, coded	C an..3	O	
		<i>AU</i>	<i>No delivery due to outstanding payments</i>		
		<i>AUE</i>	<i>Article code unknown (EAN Code)</i>		
		<i>AV</i>	<i>Out of inventory</i>		
		<i>AW</i>	<i>Article withdrawn (EAN Code)</i>		
		<i>PC</i>	<i>Pack difference</i>		
		<i>QT</i>	<i>Quantity price break</i>		
		<i>SL</i>	<i>Sale location different</i>		

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1131	Code list qualifier	C	an..3	X
3055	Code list responsible agency, coded	C	an..3	D
	9			
				<i>EAN (International Article Numbering association)</i>
				Use Code 9 only if the code in DE4295 is an EAN assigned code.
4294	Change reason	C	an..35	X

Segment: **FTX** Free Text
Position: 1020
Group: SG25
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment with free text information, in coded or clear form, used when additional information is needed but cannot be accommodated within other segments. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

Notes: The use of the FTX segment in free form is not recommended since in most cases it inhibits automatic processing of the Invoice. Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission and processing overheads. Standard texts should be mutually defined among trading partners and can be used to cover legal or other requirements.

Example :

FTX+CHG+++SHIP HELD UP ON WHARF'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4451		TEXT SUBJECT QUALIFIER	M an..3	M
		<i>CHG Change information</i>		
4453		TEXT FUNCTION, CODED	C an..3	X
C107		TEXT REFERENCE	C	X
	4441	Free text, coded	M an..3	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
C108		TEXT LITERAL	C	R
	4440	Free text	M an..70	M
	4440	Free text	C an..70	O
	4440	Free text	C an..70	O
	4440	Free text	C an..70	O
3453		LANGUAGE, CODED	C an..3	X

Group: **MOA** Segment Group 26: Monetary Amount
Position: 1030
Group: Segment Group 25 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Required)
Max Use: 5
Purpose: A group of segments specifying any monetary amounts relating to the products and when necessary a currency.

Segment Summary

	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1040	MOA	Monetary Amount	M	1	

Segment: **MOA** Monetary Amount
Position: 1040 (Trigger Segment)
Group: SG25-SG26
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying any monetary amounts relating to the product, e.g. item amount, insurance value, customs value.
Notes: The total line item amount is specified in the MOA segment.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516	5025	MONETARY AMOUNT Monetary amount type qualifier	M M an..3	M M
		38		
		Invoice item amount The definition is to imply, for GST purposes, that the price of the item is extended to include GST, if GST is applicable.. If the item does not attract GST, code 38 is still applicable. Eg. If article is \$10 and the GST rate is 10%, thus the GST amount is \$1, then use code 38 to qualify the monetary amount of \$11 as price including GST. If an article does not attract GST i.e. there is no GST, then also use code 38.		
		128		
		Total amount THIS IS THE PREFERRED CODE RECOMMENDED BY THE HARDWARE INDUSTRY. Use this code to specify the amount of the article excluding GST. If required to specify the tax amount for the item, use MOA in the TAX loop under LIN. Eg. If item cost \$10 excl. GST and GST value is 10% i.e. \$1, use code 128 to qualifier the monetary amount of \$10.		
	5004	Monetary amount Line item extended amount. n..10, format 99999999.99	C n..18	R
	6345	Currency, coded	C an..3	X
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

Group: **PRI** Segment Group 28: Price Details
Position: 1110
Group: Segment Group 25 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Required)
Max Use: 25
Purpose: A group of segments identifying the relevant pricing information for the goods or services invoiced.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	1120	PRI	Price Details	M	1	

Segment: **PRI** Price Details
Position: 1120 (Trigger Segment)
Group: SG25-SG28
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'Price'. Indication of "net price" or "gross price" can be given in 5387 "Price type qualifier".
Notes: This segment specified pricing information relevant to the current line item.
 Example :
 PRI+AAA:24.95'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C509		PRICE INFORMATION	C	R
	5125	Price qualifier AAA	M an..3	M
		<i>Calculation net</i> CODE AAA IS THE RECOMMENDED CODE OF THE HARDWARE INDUSTRY. Allowances and Charges included, GST excluded. ALC Segment group may be provided for information.		
		AAE		<i>Information price, excluding allowances or charges, including taxes</i>
		AAF		<i>Information price, excluding allowances or charges, and taxes</i>
		NTP		<i>Calculation net - including taxes (EAN Code)</i>
	5118	Price Unit price amount. n..8, format 999999.99	C n..15	R
	5375	Price type, coded CA CT	C an..3	O
		<i>Catalogue</i> <i>Contract</i>		
	5387	Price type qualifier DPR PRP	C an..3	O
		<i>Discount price</i> <i>Promotional price</i>		
	5284	Unit price basis	C n..9	D
	6411	Measure unit qualifier EA GRM KGM LTR MTK MTQ MTR NAR PCE TNE	C an..3	D
		<i>Each</i> <i>Gram</i> <i>Kilogram</i> <i>Litre (1 dm3)</i> <i>Square metre</i> <i>Cubic metre</i> <i>Metre</i> <i>Number of articles</i> <i>Piece</i> <i>Metric ton (1000kg)</i>		
5213		SUB-LINE PRICE CHANGE, CODED	C an..3	X

Group: **RFF** Segment Group 29: Reference
Position: 1160
Group: Segment Group 25 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 10

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

Notes: Note: This segment group is Required for the timber industry to provide a reference to the line # on the originating PO or despatch advice/delivery docket for reconciliation. Remains optional for remainder of the industry however it is recommended that a reference to at least one of the preceding document lines is provided.

Segment Summary

	Pos.	Seg.	Name	Req.	Max.	Group:
	No.	ID		Des.	Use	Repeat
M	1170	RFF	Reference	M	1	
O	1180	DTM	Date/Time/Period	C	5	

Segment: **RFF** Reference
Position: 1170 (Trigger Segment)
Group: SG25-SG29
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.
Notes: The RFF segment at line level is used to provide references specific to the line item, it overrides any global references provided in the heading section of the invoice.
 For timber, this segment is used at the Pack Level for specifying the pack serial #.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506	1153	REFERENCE Reference qualifier	M M an..3	M M
THIS HAS AN EANCOM RESTRICTED CODE LIST.				
		<i>DQ</i> Delivery note number Qualifies that the line # from the originating despatch advice or delivery docket (i.e. whichever document is being used for shipment receipt reconciliation) will be referenced in data element 1156. When the invoice consolidates multiple dockets / despatches, data element 1154 may be used for the docket / despatch document reference.		
		<i>LI</i> Line item reference number Qualifies that the line # from the originating purchase order will be referenced in data element 1156.		
		<i>PD</i> Promotion deal number Code PDI is used to qualify the value in DE1154.		
		<i>SE</i> Serial number Optionally used by timber for pack serial number.		
1154		Reference number	C an..35	D
A value must be specified if qualifier in DE1153 is PD.				
1156		Line number	C an..6	D
Line number from preceding document. A value must be specified if qualifier in DE1153 is LI or DQ. This value allows the matching of the Invoice line item to the original Purchase Order or despatch advice/delivery docket.				
4000		Reference version number	C an..35	X

Segment: **DTM** Date/Time/Period
Position: 1180
Group: SG25-SG29
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment specifying the date/time related to the reference.

Notes: This DTM segment is used to specify dates and times pertinent to the previous RFF segment.

Example :

DTM+171:19930802:102'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M	M
	2005	Date/time/period qualifier	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		171 Reference date/time		
	2380	Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R
		102 CCYYMMDD		

Group: **PAC** Segment Group 30: Package
Position: 1190
Group: Segment Group 25 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments identifying the packaging, physical dimensions, and marks and numbers for goods referenced in the line item.

Segment Summary

	Pos.	Seg.	Name	Req.	Max.	Group:
	No.	ID	Package	Des.	Use	Repeat
M	1200	PAC	Package	M	1	
O	1210	MEA	Measurements	C	10	
	1220		Segment Group 31: Package Identification	C		10

Segment: **PAC** Package
Position: 1200 (Trigger Segment)
Group: SG25-SG30
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the number and type of packages for the line item, e.g. number and type of pallets.

Notes: This segment is used to specify the number and type of packages for the current line item.

DE 7224: This data element can be used to specify the number of despatch units used to ship the ordered number of consumer units, in those cases where despatch unit coding has not yet been implemented.

Example :

PAC+20'

Dependency Notes :

Composite C532 is only used where the packaging being described is returnable. This composite identifies who is responsible for payment of its return.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7224		NUMBER OF PACKAGES	C n..8	R
		Number of packages of this type for shipment.		
C531		PACKAGING DETAILS	C	X
	7075	Packaging level, coded	C an..3	X
	7233	Packaging related information, coded	C an..3	X
	7073	Packaging terms and conditions, coded	C an..3	X
C202		PACKAGE TYPE	C	O
	7065	Type of packages identification	C an..17	R
		Any code used should be from the UN Recommendation 21 (Codes for Types of Cargo, Packages and Packaging Materials), 2 character alphabetic code as shown in sample codes.		
		<i>BG</i>		
		<i>PK</i>		
		<i>Bag</i>		
		<i>Package</i>		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	7064	Type of packages	C an..35	X
C402		PACKAGE TYPE IDENTIFICATION	C	X
	7077	Item description type, coded	M an..3	X
	7064	Type of packages	M an..35	X
	7143	Item number type, coded	C an..3	X
	7064	Type of packages	C an..35	X
	7143	Item number type, coded	C an..3	X
C532		RETURNABLE PACKAGE DETAILS	C	X
	8395	Returnable package freight payment responsibility, coded	C an..3	X
	8393	Returnable package load contents, coded	C an..3	X

Segment: **MEA** Measurements
Position: 1210
Group: SG25-SG30
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment specifying physical measurements of packages described in the PAC segment e.g. package length, weight.

Notes: This segment is used to specify the dimensions or limitations of the packaging defined in the previous PAC segment.

Example :

MEA+PD+AAB+KGM:400'

The net gross weight of the package is 400 kilograms.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT APPLICATION QUALIFIER	M an..3	M
		<i>PD Physical dimensions (product ordered)</i>		
C502		MEASUREMENT DETAILS	C	Rec
	6313	Measurement dimension, coded	C an..3	Rec
		<i>AAB Unit gross weight</i>		
		<i>ABJ Volume</i>		
	6321	Measurement significance, coded	C an..3	X
	6155	Measurement attribute, coded	C an..3	X
	6154	Measurement attribute	C an..70	X
C174		VALUE/RANGE	C	R
	6411	Measure unit qualifier	M an..3	M
		<i>KGM Kilogram</i>		
		<i>MTQ Cubic metre</i>		
		<i>MTR Metre</i>		
	6314	Measurement value	C n..18	R
	6162	Range minimum	C n..18	X
	6152	Range maximum	C n..18	X
	6432	Significant digits	C n..2	X
7383		SURFACE/LAYER INDICATOR, CODED	C an..3	X

Group: **PCI** Segment Group 31: Package Identification
Position: 1220
Group: Segment Group 30 (Package) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying the markings and labels on individual physical units.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	1230	PCI	Package Identification	M	1	

Segment: **PCI** Package Identification
Position: 1230 (Trigger Segment)
Group: SG25-SG30-SG31
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying markings and labels used on individual physical units (packages) described in the PAC segment.
Notes: This segment is used to identify markings on the packaging of the product being invoiced.
 Example :
 PCI+IEN+92151'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4233		MARKING INSTRUCTIONS, CODED <i>IEN</i>	C an..3	R
		<i>Package Identity Number (EAN Code)</i> Specify the batch number, pack number or serial number.		
C210		MARKS & LABELS	C	R
	7102	Shipping marks	M an..35	M
	7102	Shipping marks	C an..35	X
	7102	Shipping marks	C an..35	X
	7102	Shipping marks	C an..35	X
	7102	Shipping marks	C an..35	X
	7102	Shipping marks	C an..35	X
	7102	Shipping marks	C an..35	X
	7102	Shipping marks	C an..35	X
	7102	Shipping marks	C an..35	X
8275		CONTAINER/PACKAGE STATUS, CODED	C an..3	X
C827		TYPE OF MARKING	C	X
	7511	Type of marking, coded	M an..3	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X

Group: **TAX** Segment Group 33: Duty/Tax/Fee Details
Position: 1310
Group: Segment Group 25 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments specifying tax related information for the line item, and when necessary, the location(s) to which that tax information relates.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	1320	TAX	Duty/Tax/Fee Details	M	1	
O	1330	MOA	Monetary Amount	C	1	

Segment: **TAX** Duty/Tax/Fee Details
Position: 1320 (Trigger Segment)
Group: SG25-SG33
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying a tax type, category and rate, or exemption, relating to the line item.
Notes: This segment is used to specify the tax details for the line item being invoiced.

Example :

TAX+7+GST++++:10'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5283		DUTY/TAX/FEE FUNCTION QUALIFIER	M an..3	M
		7 Tax		
C241		DUTY/TAX/FEE TYPE	C	R
	5153	Duty/tax/fee type, coded	C an..3	R
		GST Goods and services tax		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	5152	Duty/tax/fee type	C an..35	X
C533		DUTY/TAX/FEE ACCOUNT DETAIL	C	X
	5289	Duty/tax/fee account identification	M an..6	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
5286		DUTY/TAX/FEE ASSESSMENT BASIS	C an..15	X
C243		DUTY/TAX/FEE DETAIL	C	O
	5279	Duty/tax/fee rate identification	C an..7	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	5278	Duty/tax/fee rate	C an..17	R
		The actual rate of tax/duty.		
	5273	Duty/tax/fee rate basis identification	C an..12	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
5305		DUTY/TAX/FEE CATEGORY, CODED	C an..3	X
3446		PARTY TAX IDENTIFICATION NUMBER	C an..20	X

Segment: **MOA** Monetary Amount
Position: 1330
Group: SG25-SG33
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying the amount for the identified tax/fee.
Notes: This segment is used to specify in monetary terms the amount of tax due on the current line item.

Example :

MOA+124:625.25'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT	M	M
	5025	Monetary amount type qualifier	M an..3	M
		<i>124 Tax amount</i>		
	5004	Monetary amount This is the tax dollar amount,	C n..18	R
	6345	Currency, coded	C an..3	X
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

Segment: **UNS** Section Control
Position: 1790
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment placed at the start of the summary section to avoid segment collision.
Notes: Segment to identify the break between the message detail and message trailer sections.

Example :

UNS+S'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0081		SECTION IDENTIFIER	M a1	M
THIS HAS AN EANCOM RESTRICTED CODE LIST				
	S		<i>Detail/summary section separation</i>	

Segment: **CNT** Control Total
Position: 1800
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment by which control totals may be provided by the sender for checking by the receiver.

Notes: This is used to provide message control information for checking on the message receivers in-house system.

Example :

CNT+2:120'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C270		CONTROL	M	M
	6069	Control qualifier	M an..3	M
		2	<i>Number of line items in message</i>	
	6066	Control value	M n..18	M
	6411	Measure unit qualifier	C an..3	X

Group: **MOA** Segment Group 48: Monetary Amount
Position: 1810
Group:
Level: 1
Usage: Mandatory
Max Use: 100
Purpose: A group of segments giving total amounts for the whole invoice and - if relevant - detailing amounts pre-paid with relevant references and dates-

Segment Summary

	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1820	MOA	Monetary Amount	M	1	

Segment: **MOA** Monetary Amount
Position: 1820 (Trigger Segment)
Group: SG48
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment giving the total amounts for the whole invoice message such as message monetary amount, message line item total amount, amount subject to payment discount, amount subject to tax, alternative currency total amount, total additional amount, sub-total amounts prepaid, total amount prepaid.

Notes: This occurrence of the MOA segment is used to detail prepaid amounts, or total monetary values due for the entire invoice, including the amounts specified in the ALC segment at HEADER level.

Example :

MOA+128:45612.20'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT	M	M
	5025	Monetary amount type qualifier	M an..3	M
		<i>77 Invoice amount</i>		
		NET TOTAL AMOUNT INCLUSIVE OF GST		
		For the purpose of this MIG the code is used to specify the total monetary of the invoice amount inclusive of GST.		
		<i>128 Total amount</i>		
		NET TOTAL AMOUNT EXCLUSIVE OF GST		
		THIS IS THE PREFERRED CODE AS RECOMMENDED BY THE HARDWARE INDUSTRY.		
		For the purpose of this MIG, this code is used to specify the total amount of the invoice monetary value excluding GST.		
	5004	Monetary amount	C n..18	R
	6345	Currency, coded	C an..3	X
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

Group: **TAX** Segment Group 50: Duty/Tax/Fee Details
Position: 1860
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying taxes totals for the invoice.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	1870	TAX	Duty/Tax/Fee Details	M	1	
O	1880	MOA	Monetary Amount	C	2	

Segment: **TAX** Duty/Tax/Fee Details
Position: 1870 (Trigger Segment)
Group: SG50
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the tax type to be summarized.
Notes: This segment is used to specify the total taxes or duties due on the complete invoice.

Example :

TAX+7+GST++++:10'

Dependency Notes :

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

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5283		DUTY/TAX/FEE FUNCTION QUALIFIER 7 Tax	M an..3	M
C241		DUTY/TAX/FEE TYPE	C	R
	5153	Duty/tax/fee type, coded GST Goods and services tax	C an..3	R
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	5152	Duty/tax/fee type	C an..35	X
C533		DUTY/TAX/FEE ACCOUNT DETAIL	C	X
	5289	Duty/tax/fee account identification	M an..6	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
5286		DUTY/TAX/FEE ASSESSMENT BASIS	C an..15	X
C243		DUTY/TAX/FEE DETAIL	C	O
	5279	Duty/tax/fee rate identification	C an..7	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	5278	Duty/tax/fee rate	C an..17	R
		Specify the actual tax rate.		
	5273	Duty/tax/fee rate basis identification	C an..12	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
5305		DUTY/TAX/FEE CATEGORY, CODED	C an..3	X
3446		PARTY TAX IDENTIFICATION NUMBER	C an..20	X

Segment: **MOA** Monetary Amount
Position: 1880
Group: SG50
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment specifying the summary amount for the tax specified.

Notes: This segment is used to specify the tax amounts due, for the tax rate specified in the TAX segment, covering the whole invoice.

Example :

MOA+124:15243.32'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT	M	M
	5025	Monetary amount type qualifier	M an..3	M
		<i>124</i>	<i>Tax amount</i>	
			For the purpose of this MIG this code is used to specify the total GST amount.	
	5004	Monetary amount	C n..18	R
	6345	Currency, coded	C an..3	X
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

Group: **ALC** Segment Group 51: Allowance or Charge
Position: 1890
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 15
Purpose: A group of segments specifying allowances and charges summary totals for the invoice.
Notes: Total of all allowances/charges.

Given that there are no allowances/charges expressed at the detail line item level, this summary level for allowances/charges is not recommended.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1900	ALC	Allowance or Charge	M	1	
R	1920	MOA	Monetary Amount	C	2	

Segment: **ALC** Allowance or Charge
Position: 1900 (Trigger Segment)
Group: SG51
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the charge or allowance type to be summarised.
Notes: This segment is used to specify the total per allowance or charge type or all allowances and charges. Allowances and charges detailed both at the header level and on individual product lines are summarized here.

Example :

ALC+A+21108'

Dependency Notes :

DE 4471: This data element is only used if the value in DE 5463 is 'C', charge.

DE C214: This composite is only included if the buyer knows the type of allowance or charge.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5463		ALLOWANCE OR CHARGE QUALIFIER	M an..3	M
		A Allowance		
		C Charge		
C552		ALLOWANCE/CHARGE INFORMATION	C	X
	1230	Allowance or charge number	C an..35	X
	5189	Charge/allowance description, coded	C an..3	X
4471		SETTLEMENT, CODED	C an..3	X
1227		CALCULATION SEQUENCE INDICATOR, CODED	C an..3	X
C214		SPECIAL SERVICES IDENTIFICATION	C	X
	7161	Special services, coded	C an..3	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	7160	Special service	C an..35	X
	7160	Special service	C an..35	X

Segment: **MOA** Monetary Amount
Position: 1920
Group: SG51
Level: 2
Usage: Conditional (Required)
Max Use: 2
Purpose: A segment specifying the summary amount for the allowance or charge.
Notes: This segment is used to specify the monetary values per allowance or charge type or for all allowances and charges.

All amounts shown are inclusive of any tax that may have been applicable.

Example :

MOA+131:6583.49'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT	M	M
	5025	Monetary amount type qualifier	M an..3	M
		Note: codes 388 and 389 are not in the current version of EANCOM - a change request may need to be added if these are to be used.		
		8	<i>Allowance or charge amount</i>	
		23	<i>Charge amount</i>	
		64	<i>Freight charge</i>	
		106	<i>Packing cost</i>	
		131	<i>Total charges/allowances</i>	
		286	<i>Administration charge</i>	
		388	<i>Total amount including tax</i>	
		389	<i>Amount excluding tax</i>	
	5004	Monetary amount	C n..18	R
	6345	Currency, coded	C an..3	X
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

Segment: **UNT** Message Trailer
Position: 1930
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.
Notes: The UNT segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.
 Example :
 UNT+84+1'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0074		NUMBER OF SEGMENTS IN A MESSAGE	M n..6	M
		The total number of segments in the message is detailed here.		
0062		MESSAGE REFERENCE NUMBER	M an..14	M
		The reference number used in the UNH segment must be repeated here.		