



**APPLIE-com**

**Invoice**

**(INVOIC) Version 3 Release**

**Message Implementation Guideline**  
**for the Electrical Appliance Industry**  
*(Based on the EANCOM 1997 Guideline using*  
*UN/EDIFACT Directory D.96A)*



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## 1.0 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 Electrical Appliances Industry.

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

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### Background of Applie-com:

#### What is Applie-com?

The name is derived from Appliance industry e-commerce. Web site: [www.applie-com.com.au](http://www.applie-com.com.au)

#### Why was Applie-com established?

In October 2000 a group of senior members of the Australian Appliance Industry established a Steering Group to examine how the industry should handle the issue of B2B commerce. It was considered that taking a united industry approach would maximise the chances of achieving efficient and effective outcomes - something which could not happen if all appliance retailers and suppliers independently pursued their own solutions.

## 2.0 Disclaimer

Every possible effort has been made to ensure that the information and specifications in this document are correct, however the Applie-com work group 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 or additions

## 3.0 Change Control

MIG Version	Section Modified	Nature of Change/Comments	Source/reason for change
Draft v 1			
Draft v 2	Section 1	Described background of Applie-com	
	BGM segment	Added comments to DE1000	Change request agreed at MIG Work Group meeting 1-3 May 2002, following industry feedback.
	DTM segment	Deletion of comments in Notes of DTM segment	Change request agreed at

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			MIG Work Group meeting 1-3 May 2002, following industry feedback.
	NAD segment	Added codes BS, IV and PE in DE3035	Change request agreed at MIG Work Group meeting 1-3 May 2002, following industry feedback.
	PAT segment	Minor alteration to comments against code 5 in E2475	Change request agreed at MIG Work Group meeting 1-3 May 2002, following industry feedback.
	MOA segments	In MOA segments used, DE6345, currency coded made dependent, subject to international use.	Change request agreed at MIG Work Group meeting 1-3 May 2002, following industry feedback.
	ALC Segment Group	Added in TAX-MOA segments	Advised by BSL 22 Oct 2002 that certain allowances/charges e.g. may attract GST, there TAX-MOA required in ALC segment
Version 3	QTY Segment in SG25	Added code 47=Invoice quantity in DE6063	Change request CR04001, approved by MIGs working group 18 May 2004
	RFF segment in LIN loop	Open RFF segment, and added code ON=Order Number in DE1153	Change request CR04002, approved by MIGs working group 18 May 2004



## 4.0 Invoice Data Mapping Table

Invoice (INVOIC) data mapping table – Applie-com

Data Type	Business Description	Business Requirement Mandatory Conditional Optional	Where found in EANCOM ORDERS/ EDIFACT Position number	Data Element	Code Value	Business Data Format in UN/EDIFACT A=alpha N=numeric ..=variable length	Comments and Examples
Header Information							
	Type of Message	Mandatory	BGM / 0020	C002 DE1001	83=Credit note related to financial adjustments 84=Debit note related to financial adjustments 380= Commercial invoice 381= Credit note 383= Debit note 388= Tax invoice		Code 388 should be use where the invoice is considered a Tax Invoice. Codes 83 and 84 should be used where financial adjustments are involved. Codes 381 and 383 relate to information only, where no financial adjustments will proceed. Code 380 applies only where a Tax Invoice is not required.
	Document/message name	Conditional	BGM/0020	C002 DE1000		AN..35	
	Document (eg. Invoice) Number	Mandatory	BGM / 0020	DE1004		AN..35	Document reference number assigned by document sender
	Message function	Mandatory	BGM / 0020	DE1225	7=Duplicate 9=Original		
	Date/time of Message	Mandatory	DTM/0030	C507 DE2005	137=Document/message date/time 454=Accounting Value Date		This is the date/time stamp of the message  Code 454 is used to specify the date at which payment terms will be calculated from..
	Date/time/period	Mandatory	DTM/0030	C507 DE2380		AN..35	
	Date/Time qualifier	Mandatory	DTM /0030	C507 DE2379	102=CCYYMMDD 203=CCYYMMDDHHMM		
	Ref Number	Conditional	RFF / 0090	C506 DE1153	DQ=Delivery note number IV=Invoice number		

					ON=Order Number (purchase) VN=Order number (vendor)		An Order Number must always be referenced in the invoice message.
	Reference number	Conditional	RFF/0090	C506 DE1154		AN..35	
	Buying Party	Mandatory	NAD / 0120	DE3035	BY=Buyer BS=Bill and ship to IV=Invoicee		
	Supplier id	Mandatory	NAD/ 0120	DE3035	SU=Supplier PY=Payee		
	Party id	Mandatory	NAD/0120	C082 DE3039		AN..35	
	Responsible agency after specifying party id.	Conditional	NAD / 0120	C082 DE3055	9=EAN 91=Assigned by seller 92=Assigned by buyer		Applie-com recommends to use of the EAN Global Location Number for party identification. However if no EAN GLN is available or for migration purposes, then use code 91 or 92, dependent on business arrangements..
	Reference qualifier	Conditional	RFF/0160	C506 DE1153	AMT=Goods and Services Tax Identification Number VA=VAT registration number		Use code AMT to qualify the Australian Business Number. Code VA has been included to allow migration , used in the Australian Retail Industry to the new UN/EDIFACT code.
	Reference number	Conditional	RFF/0160	C506 DE1154		AN..35	
	Payment Terms Type	Conditional	PAT/0320	DE4279	1=Basic		Code 1 will always be used. It relates to normal payment conditions.
	Payment time reference	Conditional	PAT/0320	C112 DE2475	5=Date of invoice		The date when calculations start. If code 454 is specified in DE2005, then the Accounting Value Date is applied.
	Time after/on or before reference	Conditional	PAT/0320	C112 DE2009	3=After reference		Code 3 relates to time after reference date, from which terms applies.
	Type of period for calculations	Conditional	PAT/0320	C112 DE2009	D=Day M=Month WD=Working days Y=Year		
	Number of periods	Conditional	PAT/0320	C112		N..3	Specify here the number of periods, as qualified in

				DE2152			DE2009 e.g. D in D2009 and 30 in DE2152 is 30 Days from date of invoice
	Date of payment	Optional	DTM/0330	C507 DE2005	13=Terms net due date		
	Date	Conditional	DTM/03030	C507 DE2380		AN..3	Specifying the actual date by which payment is to be paid is not mandatory.
	Date/time qualifier	Conditional	DTM/03030	C507 DE2379	102=CCYYMMD		
	Percentage details	Optional	PCD/0340	C501 DE5245	12=Discount		Code 12 specifies that a discount percentage is applicable. Specify the percentage discount in DE5482 if the invoice is paid before the terms of payments.
	Percentage	Optional	PCD/0340	C501 DE5482		N..10	
	Monetary discount amount	Optional	MOA/0350	C516 DE5025	21=Cash discount		Code 21 qualifies that the monetary amount specified in DE5004 is a cash discount.
	Monetary amount	Optional	MOA/0350	C516 DE5004		N..18	
	Allowances or Charge	Optional	ALC/0580	DE5463	A=Allowance C=Charge		This segment is used to trigger the MOA segment, which will either be a charge or allowance
	Monetary Amount type	Conditional	MOA/0700	C516 DE5025	8=Allowance or charge amount  23=Charge amount  64=Freight charge  286=Administration charge		Code 8 is used when a total amount of either allowances or charges is specified and where it does not need to be itemised Code 23 is for all charges, related to handling and non-specific charges Code 64 is related to moving of goods from one place to another Code 286 is for administration charges
	Monetary amount	Conditional	MOA/0700	C516 DE5004		N..18	Specify the monetary amount.
	Tax qualifier	Conditional	TAX/	DE5283	7=Tax		
	Tax type code	Conditional	TAX/	C241 DE5153	GST=Goods and Services Tax		
	Tax rate	Conditional	TAX/	C243 DE5278		AN..17	Tax rate in percentage
	Monetary amount qualifier	Conditional	MOA/	C516 DE5025	124=Tax amount		
	Monetary amount	Conditional	MOA/	C516		N..18	Specify the monetary tax amount

				DE5004			
	Currency coded	Conditional	MOA/	C516 DE6345		AN..3	

Data Type	Business Description	Business Requirements Mandatory Conditional Optional	Where found in EANCOM ORDERS/ Position number	Data Element	Code Value	Business Data Format in UN/EDIFACT A=alpha N=numeric ..=variable length	Comments
<b>Detail Information</b>							
	Sequence line number	Mandatory	LIN / 0900	DE1082		N..6	Application generated number of the count of the lines.
	GTIN number	Mandatory	LIN / 0900	C212 DE7140		AN..35	GTIN n..14 Only signification leading zeros should be transmitted, therefore "filling zeros" should not be transmitted.
	Item number type code	Mandatory	LIN / 0900	C212 DE7143	EN=International Article Numbering association		Use PIA segment if the item number is a non-EAN number
	Additional product id	Conditional	PIA / 0910	DE4347	1=Additional identification 5=Product identification		Code 1 is to assist in trouble shooting e.g. buyer's key code number Code 5 is used where a non-EAN number is to be referenced.
	Item number	Conditional	PIA/0910	C212 DE7140		AN..35	
	Item number type code	Conditional	PIA / 0910	DE7143	IN=Buyer's item number SA=Supplier's article number		
	Item Description type code	Optional	IMD/0920	DE7077	F=Free form		Item description is not mandatory and is considered optional.
	Item	Optional	IMD/0920	C273		AN..35 x 2	Item description is not mandatory and is considered optional. A total

	Description			DE7008			of 70 characters is allowed.
	Quantity	Mandatory	QTY /0940	C186 DE6063	21=Ordered quantity 47=Invoiced quantity		Applicom requires both quantities to be specified in DE6060
	Quantity	Mandatory	QTY/0940	C186 DE6060		N..15	
	Monetary amount qualifier for each line	Mandatory	MOA/1040	C516 DE5025	38=Invoice item amount  128=Total amount		Code 38 is used where the price of the item INCLUDES GST Code 128 is used where the price of the item EXCLUDES GST
	Monetary amount	Mandatory	MOA/1040	C516 DE5004		N..18	Specify the monetary amount.
	Currency coded	Conditional	MOA/1040	C516 DE6345		AN..3	
	Unit price qualifier	Mandatory	PRI / 1120	C509 DE5125	AAA=Calculation net. .  NTP=Calculation net – including taxes.		The price stated is the net price including allowances/charges and excluding taxes. This is the net invoice for the item (Price excluding GST) The price stated is the net price including allowances and charges and including taxes. (Price including GST)
	Price	Mandatory	PRI/1120	C509 DE5118		N..15	
	Reference	Conditional	RFF/1170	C506 DE1153	ON=Order Number		Use only if there is a need to specify reference
	Reference number	Conditional	RFF/1170	C506 DE1154	Order number reference number	AN..35	Use only if there is a need to specify reference
	Line number	Conditional	RFF/1170	C506 DE1156	Line number	AN..6	Use only if there is a need to specify reference to a line number in the order message
	Tax qualifier	Mandatory	TAX/1320	DE5283	7=Tax		
	Tax type code	Mandatory	TAX / 1320	C241 DE5153	GST=Goods and Services tax		
	Tax rate	Mandatory	TAX / 1320	C243 DE5278		AN..17	Tax rate in percentage
	Monetary amount qualifier	Mandatory	MOA/1330	C516 DE5025	124=Tax amount		
	Monetary amount	Mandatory	MOA/1330	C516 DE5004		N..18	Specify the monetary tax amount.

	Currency coded	Conditional	MOA/1330	C516 DE6345		AN..3	
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Data Type	Business Description	Business Requirement Mandatory Conditional Optional	Where found in EANCOM ORDERS/ EDIFACT Position number	Data Element	Code Value	Business Data Format in UN/EDIFACT A=alpha N=numeric ..=variable length	Comments
<b>Summary Information</b>							
	Section control	Mandatory	UNS/1790	DE0081	S=Detail/summary section separation		
	Control totals	Mandatory	CNT / 1800	C270 DE6069	1= Algebraic total of quantity values in line items in a message 2=Number of line items in message		Code 1 is allowed for alignment reasons with the Aust.Retail Industry.  Code 2 is preferred by Applie-com.
	Control value	Mandatory	CNT/1800	C270 DE6066		N..18	
	Monetary type qualifier	Mandatory	MOA / 1820	C516 DE5025	77=Invoice amount  128=Total amount		Code 77 is used to specify the total monetary amount of the invoice amount INCLUSIVE of GST. Code 128 is used to specify the total amount EXCLUSIVE of GST.
	Monetary amount	Mandatory	MOA / 1820	C516 DE5004		N..18	Specify the total monetary amount
	Currency coded	Conditional	MOA/1820	C516 DE6345		AN..3	
	Tax qualifier	Mandatory	TAX/1870	DE5283	7=Tax		
	Tax type code	Mandatory	TAX / 1870	C241 DE5153	GST=Goods and Services tax		
	Tax rate	Mandatory	TAX / 1870	C243 DE5278		AN..17	Tax rate in percentage
	Monetary	Mandatory	MOA/1880	C516	124=Tax amount		

	amount qualifier			DE5025			
	Monetary amount	Mandatory	MOA/1880	C516 DE5004		N..18	Specify the monetary tax amount.
	Currency coded	Conditional	MOA/1880	C516 DE6345		AN..3	
	Number of segments	Mandatory	UNT/1930	DE0074		N..6	
	Message reference number	Mandatory	UNT/1930	DE0062		AN..14	

The preceding chapters have been extracted from the EANCOM® 1997 Manual to give assistance to the proper use of these Applie-com guidelines.

**5.0 Minimum (Mandatory) Data Requirement**

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	Format in UN/EDIFACT A=Alpha, N=Numeric ..=Variable Length
<b>Header</b>		
Message type (388=Tax Invoice)	BGM	AN..3
Message number	BGM	AN..35
Message function (e.g. original, duplicate)	BGM	AN..3
Message date/time	DTM	AN..35
Buyer, supplier	NAD	AN..35
Goods and Services Tax Identification Number	RFF	AN..3
<b>Detail</b>		
Line item identification GTIN)	LIN	AN..35
Quantity	QTY	N..15
Invoice amount exclusive of GST	MOA (SG28)	N..18
GST tax amount	MOA (SG33)	N..18

## 6.0 UN/EDIFACT

### 6.1 Definition of UN/EDIFACT

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

### 6.2 UN/EDIFACT syntax overview

This section is a summary of the ISO 9735 document: "UN/EDIFACT Application level syntax rules", first released on 1988-07-15, amended and reprinted on 1990-11-01, and Amendum 1 of 1992.

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

#### 6.2.1 Structure of an interchange

An interchange may consist of the following segments:

	UNA		
┌───┐	UNB	Interchange Header	Mandatory
├───┤	UNG	Functional Group Header	Conditional
└───┘	UNH	Message Header	Mandatory
		USER DATA SEGMENTS	
┌───┐	UNT	Message Trailer	Mandatory
├───┤	UNE	Functional Group Trailer	Conditional
└───┘	UNZ	Interchange trailer	Mandatory

Segments starting with "UN" are called service segments. They constitute the envelope or the "packing" of the UN/EDIFACT messages.

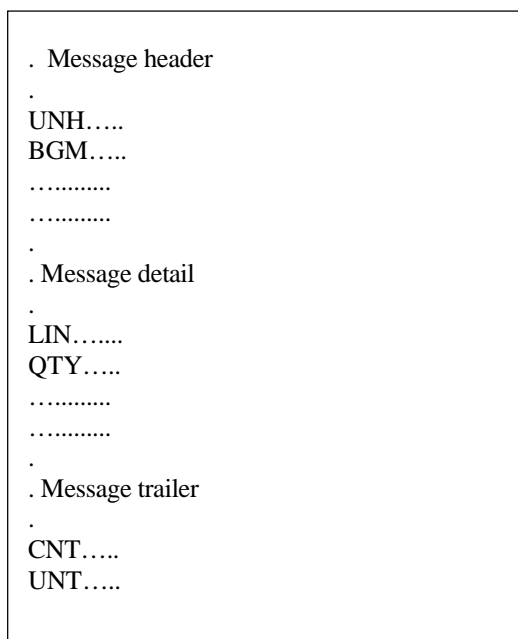
User data segments contain the information itself, in a format specific to each message type.

#### 6.2.2 Structure of a message

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

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

The sequence of the three message sections can be represented by the following simple example;



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

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

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

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

### 6.2.3 Segment structure

A segment consists of:

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

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

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

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

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

### 6.2.4 Separators

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

Apostrophe	'	= segment terminator
Plus sign	+	= segment tag and data element separator
Colon	:	= component data element separator
Question Mark	?	= release character; immediately preceding one of the service characters, it restores their normal meaning. E.g. 10?+10=20 means 10+10=20. Question mark is represented by ??

Should trading partners agree to use any of the character sets from B to F (inclusive) and the default separators from UNOA, then the UNA segment must be provided to explicitly state the default separator values.

When using any of the character sets A through F then the syntax version number (DE 0002) in the UNB segment should be set to 3.

### 6.2.5 Representation of numeric values

- **Decimal sign.** The representation for decimal sign is the point on the line (.). The decimal sign shall not be counted as a character when computing the maximum field length of a data element. When a decimal sign is transmitted, there shall be at least one digit before and after the decimal sign.

To assist in-house file designers and data interchange partners, the following lengths may be used as a guideline:

Numeric Class	Format	Integer Digit	Decimal Digit
Amounts	n..18	15	3
Control Values	n..18	14	4
Cubes	n..9	5	4
Currency Rates	n..12	6	6
Other Range Value	n..18	15	3
Percentages	n..10	6	4
Percentage Range Value	n..18	14	4
Quantities	n..15	12	3
Rate per Unit	n..15	12	3
Tax Rates	n..17	13	4
Unit Prices	n..15	11	4
Unit Price Basis	n..9	6	3
Weights	n..18	15	3

- **Triad separator.** Triad separators shall not be used in interchange. (Allowed: 2500000; Not allowed: 2,500,000 or 2.500.000 or 2 500 000).
- **Sign.** Numeric data element values shall be regarded as positive. Although conceptually a deduction is negative, it shall be represented by a positive value, e.g. in a credit note all values will be positive, the application software will using the message name coded (DE 1001) convert all values into negative. In addition some data element and code combinations will lead to implied negative values, e.g. data element 5463 with code value 'A, Allowance' in an ALC segment in an invoice.

If a value is to be represented as negative, it shall in transmission be immediately preceded by a minus sign e.g. -112. The minus sign shall not be counted as a character when computing the maximum field length of a data element.

### 6.2.6 Character set

For the characters in the set below, the 7-bit codes in the basic ISO 646 standard shall be used, unless the corresponding 8-bit codes in ISO 6937, ISO 8859.1, ISO 8859.2, ISO 8859.5 and ISO 8859.7, or other bit codes are specifically agreed between the interchanging partners. If another bit code set is being used this must be specifically stated in the interchange agreement between the parties.

The following character set, known as character set level A, is **recommended** to be used within EANCOM® for international exchanges:

Letters, upper case	A to Z
Numerals	0 to 9
Space character	
Full stop	.
Comma	,
Hyphen/minus sign	-
Opening parentheses	(
Closing parentheses	)
Oblique stroke (slash)	/
Equal sign	=
Exclamation mark	!
Quotation mark	"
Percentage sign	%
Ampersand	&
Asterisk	*
Semi-colon	;
Less-than sign	<
Greater-than sign	>

When using the Level A service characters (UNOA), the characters Apostrophe ('), Plus sign (+), Colon (:), and Question mark (?) are reserved for special use (see section 2.2.4.).

In addition to the Level A characters detailed above, a number of additional characters may be required by EANCOM® users. These characters are contained in the International Reference Version (IRV) of ISO 646.

EAN International recommends that should any EANCOM® user wish to use any of these additional characters, that agreement must first be obtained from their trading partners in order to ensure correct processing by the receiving application.

Following you will find the set of characters contained in the IRV:

Number sign	#
Commercial at	@
Left square bracket	[
Reverse solidus	\
Right square bracket	]
Circumflex accent	^
Grave accent	`
Left curly bracket	{
Vertical line	
Right curly bracket	}

The identification of the character set being used must be made in data element 0001 of the UNB segment.

When using any of the character sets A through F then the **syntax version number** (DE 0002) in the UNB segment should be set to **3**.

## 7.0 Documentation conventions

### 7.1 Format and picture of data elements

The following conventions apply in the present documentation:

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

n..3 up to 3 numeric characters  
 an..3 up to 3 alpha-numeric characters

## 7.2 Status indicators

(M)andatory data elements or composites in EDIFACT segments retain their status in EANCOM®

Additionally, there are five types of status with a (C)onditional UN/EDIFACT status, whether for simple, component or composite data elements. They are listed below and can be identified when relevant by the abbreviations.

- **REQUIRED**                      **R**            Indicates that the entity is required and must be sent.
- **ADVISED**                        **A**            Indicates that the entity is advised or recommended.
- **DEPENDENT**                      **D**            Indicates that the entity must be sent in certain conditions, as defined by the relevant explanatory note.
- **OPTIONAL**                         **O**            Indicates that the entity is optional and may be sent at the discretion of the user.
- **NOT USED**                        **N**            Indicates that the entity is not used and should be omitted. (**X** in MIG)

Code values have two status's in EANCOM®:

- **Restricted (\*)**                      A data element marked with "THIS HAS AN EANCOM RESTRICTED CODE LIST" indicates that there is a restricted code list from which codes are available. Refer to the full EANCOM® manual for more details.
- **Open.**                                All data elements where coded representation of data is possible and a restricted set of code values is not indicated are open. The available codes are listed in the Data Elements and Code Sets Directory of the EANCOM® manual. Code values may be given as examples or there may be a note on the format or type of code to be used.

## 8.0 Interchange structure and service segments

The interchange structure in a UN/EDIFACT transmission is organised in several grouping levels. The service segments are the envelope of the groups.

The first service segment possible in an interchange is the 'UNA' segment which is used to define the separators being used in the interchange.

The second service segment, 'UNB', indicates the beginning of the interchange.

The next one, 'UNG', indicates the beginning of a group of messages of the same type, for example invoices.

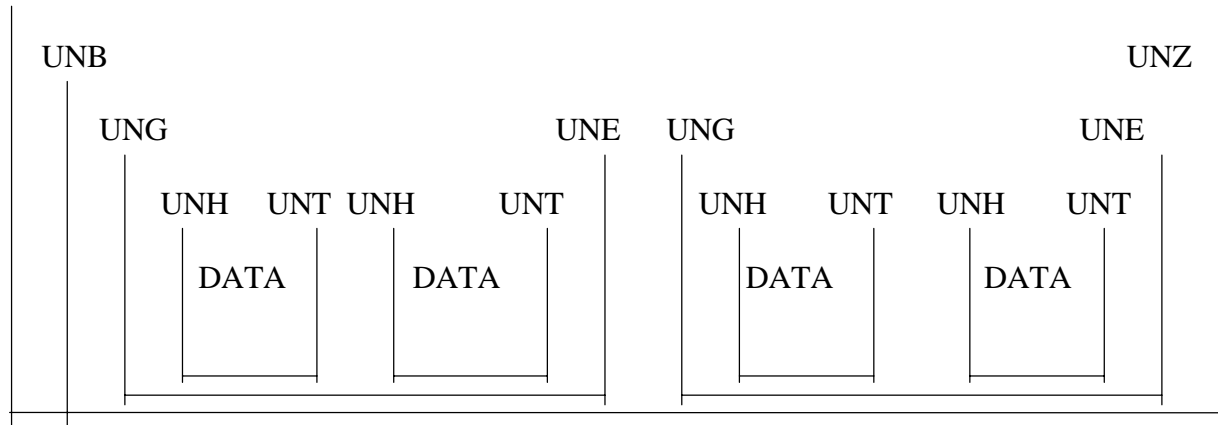
The last service segment, 'UNH', indicates the beginning of a given message.

To each beginning service segment corresponds an ending service segment (note, UNA is not a beginning segment).

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

The interchange can thus be represented like this:

UNA



Segment UNA is dependent on the character set being used. If the EANCOM® default character set A is being used then the UNA segment is not required.

Segments UNB..UNZ and UNH..UNT are mandatory.

Segments UNG..UNE are conditional. Within EANCOM® the use of the UNG..UNE segments is not recommended as the grouping of same message types is not considered to add significant value to simply including multiple same message types within one interchange, i.e. between UNB..UNZ.

If the UNG..UNE segments are used then it should be noted that it is not possible in the EANCOM® CONTRL message to syntactically report on a functional group.

The message itself is structured with a Header, a Detail and a Summary section. In messages where there may be ambiguity between the sections the UNS segment may be used as a separator.

The layout of the service segments UNA, UNB..UNZ, and UNG..UNE is presented in this section.

The segments UNH, UNS, and UNT being different for each message, are detailed in the message description part of this manual.

## 9.0 Segment Layout - UNA segment

As a business rule and in keeping with the Australian Retail Industry position, Applie-com suggests that the UNA Service String Advice is optionally sent at the beginning of an interchange defining the syntactically delimiting characters and indicators used in the interchange.

If used the UNA segment would be;

UNA:+.? ‘

The segment layout below is the layout used in the EANCOM® manual.

UNA - C 1 - SERVICE STRING ADVICE				
Function :		To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows.		
Segment number :				
	EDIFACT	EAN	*	Description
<b>UNA1 Component data element separator</b>	M an1	M		Is used as a separator between component data elements contained within a composite data element (default value : )
<b>UNA2 Data element separator</b>	M an1	M		Is used to separate two simple or composite data elements (default value : + )
<b>UNA3 Decimal notation</b>	M an1	M		Is used to indicate the character used for decimal notation (default value : . )
<b>UNA4 Release character</b>	M an1	M		Used to restore the separator and the terminator signs to their original specification (default value: ? )
<b>UNA5 Reserved for future use</b>	M an1	M		(default value : space )
<b>UNA6 Segment terminator</b>	M an1	M		Used to indicate the end of segment data (default value : ' )
<u>Segment Notes.</u>				
This segment is used to inform the receiver of the interchange that a set of service string characters which are different to the default characters are being used.				
When using the default set of service string characters the UNA segment need not be sent. When it is sent it must immediately precede the UNB segment and contain the six service string characters selected by the interchange sender.				
Regardless of whether or not all of the service string characters are being changed every data element within this segment must be filled, i.e. if some default values are being used with user defined ones then both the default and user defined values must be specified.				
When expressing the service string characters in the UNA segment it is not necessary to include any element separators.				

## 10.0 Segment Layout - UNB segment.

The segment layout below is the layout used in the EANCOM® manual.

UNB - M 1 - INTERCHANGE HEADER				
Function :		To start, identify and specify an interchange.		
Segment number :				
	EDIFACT	EAN	*	Description
<b>S001 SYNTAX IDENTIFIER</b>	M	M		
0001 Syntax identifier	M a4	M	*	UNOA Recommended for use by Applie-com
0002 Syntax version number	M n1	M	*	3 = Syntax version number 3. Must Use
<b>S002 INTERCHANGE SENDER</b>	M	M		Must Use
0004 Sender identification	M an..35	M		EAN location number (n13). Must Use Eg. 1234567890128
0007 Partner Identification code qualifier	C an..4	R	*	14 = EAN International. Must Use
0008 Address for reverse routing	C an..14	O		Not Used
<b>S003 INTERCHANGE RECIPIENT</b>	M	M		Must Use
0010 Recipient identification	M an..35	M		EAN location number (n13). Must Use Eg. 2234567890127
0007 Partner Identification code qualifier	C an..4	R	*	14 = EAN International. Must Use
0014 Routing address	C an..14	O		Not Used
<b>S004 DATE / TIME OF PREPARATION</b>	M	M		Must Use
0017 Date	M n6	M		YYMMDD. Must Use
0019 Time	M n4	M		HHMM. Must Use
<b>0020 Interchange control reference</b>	M an..14	M		Unique reference identifying the interchange. Created by the interchange sender. Must Use
<b>S005 RECIPIENT'S REFERENCE PASSWORD</b>	C	O		Not Used
0022 Recipient's reference/password	M an..14	M		Not Used
0025 Recipient's reference/password qualifier	C an2	O		Not Used
<b>0026 Application reference</b>	C an..14	O		Message identification if the interchange contains only one type of message. Not Used
<b>0029 Processing priority code</b>	C a1	O		Not Used
<b>0031 Acknowledgement request</b>	C n1	O		Not Used
<b>0032 Communications agreement identification</b>	C an..35	O	*	Not Used.
<b>0035 Test indicator</b>	C n1	O		1 = Interchange is a test Use code 1 only if the interchange is a test, otherwise do not send DE0035. Dependent

Segment Notes.

This segment is used to envelope the interchange and also to identify the party for whom the interchange is intended and the party who has sent the interchange. The principle of the UNB segment is the same as a physical envelope which covers one or more letters or documents and which details the address where delivery is to take place and the address from where the envelope has come.

DE 0001: The recommended (default) character set for use in EANCOM for international exchanges is character set A (UNOA). Should users wish to use character sets other than A then agreement on which set to use should be reached on a bi-lateral basis before communications begin.

DE 0004 and 0010: Within EANCOM the use of the EAN location number is recommended for the identification of the interchange sender and recipient.

DE S004: The date and time specified in this composite should be the date and time at which the interchange sender prepared the interchange. This date and time may not necessarily be the same as the date and time of contained messages.

DE 0020: The interchange control reference number is generated by the interchange sender and is used to uniquely identify each interchange. Should the interchange sender wish to re-use interchange control reference numbers it is recommended that each number be preserved for at least a period of three months before being re-used. In order to guarantee uniqueness the interchange control reference number should always be linked to the interchange sender's identification (DE 0004).

DE 0031: This data element is used to indicate whether an acknowledgement to the interchange is required or not. The EANCOM CONTRL message should be used to provide acknowledgement of interchange receipt. In addition the EANCOM CONTRL message may be used to indicate when an interchange has been rejected due to syntactical errors.

### 11.0 Segment Layout - UNG segment.

The segment layout below is the layout used in the EANCOM® manual.

**As a business rule, Applie-com does not recommend the use of the UNG..UNE segments for the same reasons the EANCOM® does not recommend these segments usage.**

UNG - C 1 - FUNCTIONAL GROUP HEADER				
Function :		To start, identify and specify a functional group.		
Segment number :				
	EDIFACT	EAN	*	Description
<b>0038 FUNCTIONAL GROUP IDENTIFICATION</b>	M an..6	M		Identifies the type of message contained in the functional group, e.g. INVOIC
<b>S006 APPLICATION SENDER'S IDENTIFICATION</b>	M	M		
0040 Sender identification	M an..35	M		EAN location number (n13)
0007 Identification code qualifier	C an..4	R	*	14 = EAN International
<b>S007 INTERCHANGE RECIPIENT</b>	M	M		
0044 Recipient identification	M an..35	M		EAN location number (n13)
0007 Identification code qualifier	C an..4	R	*	14 = EAN International
<b>S004 DATE / TIME OF PREPARATION</b>	M	M		
0017 Date	M n6	M		YYMMDD
0019 Time	M n4	M		HHMM
<b>0048 Functional group reference number</b>	M an..14	M		Unique reference identifying the functional group. Created by the interchange sender.
<b>0051 Controlling agency</b>	M an..2	M	*	EN = EAN International UN = UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)
<b>S008 MESSAGE VERSION</b>	M	M		
0052 Message type version number	M an..3	M	*	D = Draft directory
0054 Message type release number	M an..3	M		The value of this data element depends on the message type.
0057 Association assigned code	C an..6	R		The value of this data element depends on the message type.
<b>0058 Application password</b>	C an..14	D		The use of this data element depends on agreements between the trading partners.
<u>Segment Notes.</u>				
Within EANCOM the use of the UNG..UNE segments is not recommended as the grouping of same message types is not considered to add significant value to simply including multiple same message types within one interchange, i.e. between UNB..UNZ.				

## 12.0 Segment Layout - UNE segment.

**As a business rule, Applie-com does not recommend the use of the UNG..UNE segments for the same reasons the EANCOM® does not recommend these segments usage.**

UNE - C 1 - FUNCTIONAL GROUP TRAILER				
Function :		To end and check the completeness of a functional group.		
Segment number :				
	EDIFACT	EAN	*	Description
<b>0060</b>	<b>Number of messages</b>	M n..6	M	Number of messages in the group.
<b>0048</b>	<b>Functional group reference number</b>	M an..14	M	Identical to DE 0048 in UNG segment.
<u>Segment Notes.</u>				
Within EANCOM the use of the UNG..UNE segments is not recommended as the grouping of same message types is not considered to add significant value to simply including multiple same message types within one interchange, i.e. between UNB..UNZ.				

## Segment Layout - UNZ segment.

UNZ - M 1 - INTERCHANGE TRAILER				
Function :		To end and check the completeness of an interchange.		
Segment number :				
	EDIFACT	EAN	*	Description
<b>0036</b>	<b>Interchange control count</b>	M n..6	M	Number of messages or functional groups within the interchange.
<b>0020</b>	<b>Interchange control reference</b>	M an..14	M	Identical to DE 0020 in UNB segment.
<u>Segment Notes.</u>				
This segment is used to provide the trailer of an interchange.				
DE 0036: If functional groups are used this is the number of functional groups within the interchange. If functional groups are not used this is the number of messages within the interchange.'				

## 13.0 INVOIC Invoice Message

### 13.1 Definition

A message claiming payment for goods or services supplied under conditions agreed between the seller and the buyer.

The United Nations Standard Invoice Message, with correct data qualification, serves also as the specification for Debit Note and Credit Note messages.

The reference to 'Invoice' may be interpreted as conveying the wider meaning of 'Invoice/Credit Note/Debit Note'.

### 13.2 Principles

A seller may invoice for one or more transactions

An invoice may refer to goods, items or services related to one or more orders, delivery instructions, call-offs, etc...(APPLIE-COM RECOMMENDS RELATIONSHIP TO ONE PURCHASE ORDER AND DELIVERY).

An invoice may contain references to payment terms

An invoice may contain transport details.

### 13.3 The INVOIC Message

#### Introduction:

A message claiming payment for goods or services supplied under conditions agreed between the seller and the buyer.

The United Nations Standard Invoice Message, with correct data qualification, serves also as the specification for Debit Note and Credit Note messages. Throughout this document, the reference to 'Invoice' may be interpreted as conveying the wider meaning of 'Invoice/Credit Note/Debit Note'.

#### Notes:

##### BUSINESS RULE OF THE APPLIE-COM INVOICE MESSAGE.

In the Australian Electrical Appliance Industry, the invoice message is not to be used as a Despatch Advice. Both a Despatch Advice and Invoice is required in a non-ERS (Evaluated Receipts Settlement) scenario.

1st draft of Electrical Appliances Industry (Applie-com) Message Implementation Guidelines.

2nd draft of Applie-com Invoice Message, following input from industry participants. Agreed at MIG Work Group meeting 1-3 May 2002.

In addition, opened segment group TAX-MOA loop under ALC segment to allow for tax for e.g. freight charges. 22-Oct-2002

3rd version. Following change requests received and process after release of 2nd version. CR approved in meeting 18 May 2004 of MIGs working group. Modified QTY segment in SG25 and open RFF segment in SG29

#### Heading Section:

Page No.	Pos. No.	Seg. ID	Name	Base Status	User Status	Max.Use	Group Repeat	Notes and Comments
28	0010	UNH	Message Header	M	M	1		
29	0020	BGM	Beginning of Message	M	M	1		
31	0030	DTM	Date/Time/Period	M	M	35		
	0080		Segment Group 1	C	O		99	
33	0090	RFF	Reference	M	M	1		
	0110		Segment Group 2	C	R		99	

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35	0120	NAD	Name and Address	M	M	1	
	0150		Segment Group 3	C	O	9999	
38	0160	RFF	Reference	M	M	1	
	0280		Segment Group 7	C	O	5	
40	0290	CUX	Currencies	M	M	1	
	0310		Segment Group 8	C	O	10	
43	0320	PAT	Payment Terms Basis	M	M	1	
44	0330	DTM	Date/Time/Period	C	O	5	
45	0340	PCD	Percentage Details	C	O	1	
46	0350	MOA	Monetary Amount	C	O	1	
	0570		Segment Group 15	C	O	9999	
48	0580	ALC	Allowance or Charge	M	M	1	
	0690		Segment Group 19	C	D	2	
50	0700	MOA	Monetary Amount	M	M	1	
	0750		Segment Group 21	C	O	5	
52	0760	TAX	Duty/Tax/Fee Details	M	M	1	
53	0770	MOA	Monetary Amount	C	O	1	

**Detail Section:**

Page No.	Pos. No.	Seg. ID	Name	Base Status	User Status	Max.Use	Group Repeat	Notes and Comments
	0890		Segment Group 25	C	O		9999999	
55	0900	LIN	Line Item	M	M	1		
56	0910	PIA	Additional Product Id	C	O	25		
58	0920	IMD	Item Description	C	O	10		
59	0940	QTY	Quantity	C	O	5		
	1030		Segment Group 26	C	R		5	
61	1040	MOA	Monetary Amount	M	M	1		
	1110		Segment Group 28	C	R		25	
63	1120	PRI	Price Details	M	M	1		
	1160		Segment Group 29	C	O		10	
65	1170	RFF	Reference	M	M	1		
	1310		Segment Group 33	C	O		99	
67	1320	TAX	Duty/Tax/Fee Details	M	M	1		
68	1330	MOA	Monetary Amount	C	O	1		

**Section Control:**

Page No.	Pos. No.	Seg. ID	Name	Base Status	User Status	Max.Use	Group Repeat	Notes and Comments
69	1790	UNS	Section Control	M	M	1		

**Summary Section:**

Page No.	Pos. No.	Seg. ID	Name	Base Status	User Status	Max.Use	Group Repeat	Notes and Comments
70	1800	CNT	Control Total	C	O	10		
	1810		Segment Group 48	M	M		100	
72	1820	MOA	Monetary Amount	M	M	1		
	1860		Segment Group 50	C	O		10	
74	1870	TAX	Duty/Tax/Fee Details	M	M	1		
75	1880	MOA	Monetary Amount	C	O	2		
76	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</i> Invoice message		
	0052	Message type version number	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>D</i> Draft directory		
	0054	Message type release number	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>96A</i> Version 96A		
	0051	Controlling agency	M an..2	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>UN</i> UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)		
	0057	Association assigned code	C an..6	R
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>EAN008</i> EAN Version control number		
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.

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:::TAX INVOICE+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 Document/message name, coded	C an..3	R R
<b>THIS HAS AN EANCOM RESTRICTED CODE LIST</b>				
		<b>83</b> <i>Credit note related to financial adjustments</i>		
		Used as a financial release. Note: The message must contain all information required by the Australian Taxation Office (ATO).		
		<b>84</b> <i>Debit note related to financial adjustments</i>		
		Used as a financial release. Note: The message must contain all information required by the Australian Taxation Office (ATO).		
		<b>380</b> <i>Commercial invoice</i>		
		Do not use code 380, if the invoice is to be referred to as a Tax Invoice, by Australian Taxation Office (ATO) or legal reasons. Use code 388.		
		<b>381</b> <i>Credit note</i>		
		Use code 83, if the advice leads to a financial adjustment.		
		<b>383</b> <i>Debit note</i>		
		Use code 84, if the advice leads to a financial adjustment.		
		<b>388</b> <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. Otherwise use code 380.		
	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	O

If codes 83 and 84 is DE1001 is used, then the text "ADJUSTMENT NOTE" will be required and specified in DE1001 to meet ATO requirements, otherwise this can be left

	blank and DE1000 is not used.			
	If code 388 is DE1001 is used, the ten text "TAX INVOICE" will b required and specified in DE1000 to meet ATO requirements, otherwise this can be left blank and DE1000 is not used.			
<b>1004</b>	<b>DOCUMENT/MESSAGE NUMBER</b>	<b>C</b>	<b>an..35</b>	<b>R</b>
	Invoice Number assigned by document sender.			
<b>1225</b>	<b>MESSAGE FUNCTION, CODED</b>	<b>C</b>	<b>an..3</b>	<b>R</b>
	<b>THIS HAS AN EANCOM RESTRICTED CODE LIST</b>			
	<i>7</i>			
	<b><i>Duplicate</i></b>			
	Retransmission involving the same parties, on the specific request of the receiver.			
	<i>9</i>			
	<b><i>Original</i></b>			
	An indication to the receiver that this invoice is an original invoice, i.e., not a replacement or duplicate.			
<b>4343</b>	<b>RESPONSE TYPE, CODED</b>	<b>C</b>	<b>an..3</b>	<b>X</b>

**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.

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		DATE/TIME/PERIOD	M	M
	2005	Date/time/period qualifier	M an..3	M
THIS HAS AN EANCOM RESTRICTED CODE LIST				
		137 <i>Document/message date/time</i>		
		454 <i>Accounting Value Date (EAN Code)</i>		
Applie-com will use code 454 as the 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 <i>CCYYMMDD</i>		
		203 <i>CCYYMMDDHHMM</i>		

**Group:** **RFF** Segment Group 1: Reference  
**Position:** 0080  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**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.

**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	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:ORD9523'

**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>DQ</i>		<i>Delivery note number</i>
		<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> 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:** 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.

In Applie-com, there is no requirements to specify the Ship To location or Ultimate Destination as the Invoice Message does not relate to the delivery.

The following composites and data elements are only used when a coded name and address can not be used. The affected composites and data elements are as follows:

C080 - C059 - 3164 - 3229 - 3251 - 3207

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		<b>PARTY QUALIFIER</b>	<b>M an..3</b>	<b>M</b>
		<b>THIS HAS AN EANCOM RESTRICTED CODE LIST</b>		
		<i>BS</i>	<i>Bill and ship to</i>	
		<i>BY</i>	<i>Buyer</i>	
			In the context of the Invoice Message, this will be the party who placed the order and will be the party to receive the invoice, who may not necessarily be the party who will process the invoice.	
		<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>SU</i>	<i>Supplier</i>	
C082		<b>PARTY IDENTIFICATION DETAILS</b>	<b>C</b>	<b>Re</b>
	3039	<b>Party id. identification</b>	<b>M an..35</b>	<b>M</b>
		<b>EAN Global Location Number - Format n13</b>		
		Applie-com 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) . If a GLN is not used to identify the party, then use the RFF segment in the LOC segment.		
		Applie-com recognises the issue of migration from existing party identifications to GLNs. For Australian domestic use only, when GLNs are not available, and due to existing data exchange systems, non-GLNs can be used in DE3039.		
		For new participants to electronic data exchange using Applie-com, it is recommended that if non-GLNs are the only option, then use RFF in LOC to specify the non-EAN party id.		
	1131	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>R</b>
		<b>THIS HAS AN EANCOM RESTRICTED CODE LIST</b>		

		<b>9</b>	<b><i>EAN (International Article Numbering association)</i></b>		
		<b>91</b>	<b><i>Assigned by seller or seller's agent</i></b>		
		<b>92</b>	<b><i>Assigned by buyer or buyer's agent</i></b>		
<b>C058</b>	<b>NAME AND ADDRESS</b>		<b>C</b>		<b>X</b>
	<b>3124 Name and address line</b>		<b>M</b>	<b>an..35</b>	<b>X</b>
	<b>3124 Name and address line</b>		<b>C</b>	<b>an..35</b>	<b>X</b>
	<b>3124 Name and address line</b>		<b>C</b>	<b>an..35</b>	<b>X</b>
	<b>3124 Name and address line</b>		<b>C</b>	<b>an..35</b>	<b>X</b>
	<b>3124 Name and address line</b>		<b>C</b>	<b>an..35</b>	<b>X</b>
<b>C080</b>	<b>PARTY NAME</b>		<b>C</b>		<b>X</b>
	<b>3036 Party name</b>		<b>M</b>	<b>an..35</b>	<b>X</b>
	<b>3036 Party name</b>		<b>C</b>	<b>an..35</b>	<b>X</b>
	<b>3036 Party name</b>		<b>C</b>	<b>an..35</b>	<b>X</b>
	<b>3036 Party name</b>		<b>C</b>	<b>an..35</b>	<b>X</b>
	<b>3045 Party name format, coded</b>		<b>C</b>	<b>an..3</b>	<b>X</b>
<b>C059</b>	<b>STREET</b>		<b>C</b>		<b>X</b>
	<b>3042 Street and number/p.o. box</b>		<b>M</b>	<b>an..35</b>	<b>X</b>
	<b>3042 Street and number/p.o. box</b>		<b>C</b>	<b>an..35</b>	<b>X</b>
	<b>3042 Street and number/p.o. box</b>		<b>C</b>	<b>an..35</b>	<b>X</b>
	<b>3042 Street and number/p.o. box</b>		<b>C</b>	<b>an..35</b>	<b>X</b>
<b>3164</b>	<b>CITY NAME</b>		<b>C</b>	<b>an..35</b>	<b>X</b>
<b>3229</b>	<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>		<b>C</b>	<b>an..9</b>	<b>X</b>
<b>3251</b>	<b>POSTCODE IDENTIFICATION</b>		<b>C</b>	<b>an..9</b>	<b>X</b>
<b>3207</b>	<b>COUNTRY, CODED</b>		<b>C</b>	<b>an..3</b>	<b>X</b>

**Group:** **RFF** Segment Group 3: Reference  
**Position:** 0150  
**Group:** Segment Group 2 (Name and Address) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 9999  
**Purpose:** A group of segment for giving references only relevant to the specified party rather than the whole invoice.

**Segment Summary**

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	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:2341296851'

**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>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 both parties identified in the NAD segment.	
		<i>VA</i>	<i>VAT registration number</i>	
			This code is now being superceded with the code AMT. For migration reason code VA is still value, 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**

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
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:** \*\*\*APPLIE-COM BUSINESS RULE - IT IS RECOMMENDED THAT THE USE OF THIS SEGMENT IS ONLY FOR USE WHEN TRADING WITH OTHER COUNTRIES. 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	Reference currency		
	6345	Currency, coded	C an..3	R	
	ISO 4217 three alpha				
	6343	Currency qualifier	C an..3	R	
	THIS HAS AN EANCOM RESTRICTED CODE LIST				
		4	Invoicing currency		
	6348	Currency rate base	C n..4	X	
C504		CURRENCY DETAILS	C	X	

	<b>6347</b>	<b>Currency details qualifier</b>	<b>M</b>	<b>an..3</b>	<b>X</b>
		TIS HAS AN EANCOM RESTRICTED CODE LIST			
	<b>6345</b>	<b>Currency, coded</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
		ISO 4217 three alpha			
	<b>6343</b>	<b>Currency qualifier</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	<b>6348</b>	<b>Currency rate base</b>	<b>C</b>	<b>n..4</b>	<b>X</b>
<b>5402</b>		<b>RATE OF EXCHANGE</b>	<b>C</b>	<b>n..12</b>	<b>X</b>
		The rate of exchange which applies to the currency.			
<b>6341</b>		<b>CURRENCY MARKET EXCHANGE, CODED</b>	<b>C</b>	<b>an..3</b>	<b>X</b>

**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**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0320	PAT	Payment Terms Basis	M	1	
O	0330	DTM	Date/Time/Period	C	5	
O	0340	PCD	Percentage Details	C	1	
O	0350	MOA	Monetary Amount	C	1	

**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 :  
 The following example indicates basic payment terms with payment due 30 days after the reference date which is the invoice date.  
 PAT+1++5:3:D:30'

**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
	2475	Payment time reference, coded	M an..3	M
		<i>5 Date of invoice</i>		
		If code 454 in DE2005 in the DTM segment at header level is used, referring to the Accounting Value Date, then the payment time reference, relates to the date specified with qualifier code 454 in DE2379 at header level.		
	2009	Time relation, coded	C an..3	O
		<i>3 After reference</i>		
	2151	Type of period, coded	C an..3	O
		<i>D Day</i>		
		<i>M Month</i>		
		<i>WD Working days</i>		
		<i>Y Year</i>		
	2152	Number of periods	C n..3	O
		Number of periods for payment.		

**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, installments etc.

**Notes:** APPLIE-COM SUGGESTS THAT THIS SEGMENT IS NOT MANDATORY. THE DTM SEGMENT IS USED WHERE A DATE HAS TO BE SPECIFIED FOR THE PAYMENT OF TERMS.

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 Terms net due date		
	2380	Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R
		102 CCYYMMDD		

**Segment:** **PCD** Percentage Details  
**Position:** 0340  
**Group:** SG8  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment specifying the discount, interest, penalty as well as installment percentage.

**Notes:** This segment is used to specify percentages which will be allowed or charged if the invoicee pays (does not pay) to terms.

Example :  
 PCD+12:2.5'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C501		PERCENTAGE DETAILS	M	M
	5245	Percentage qualifier	M an..3	M
		12                      Discount		
	5482	Percentage	C n..10	R
	5249	Percentage basis, coded	C an..3	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X

**Segment:** **MOA** Monetary Amount  
**Position:** 0350  
**Group:** SG8  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment specifying amounts related to payment discount penalties or installments.  
**Notes:** This segment is used to specify monetary values which will be allowed or charged if the invoicee pays (does not pay) to terms.

Example :

MOA+21:100'

**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>21 Cash discount</i>		
	5004	Monetary amount	C n..18	R
		Actual value being charged/discounted. Applie-com recommends that value specified be 2-decimal places, unless it is a whole number.		
	6345	Currency, coded	C an..3	D
		For overseas use only.		
	6343	Currency qualifier	C an..3	X
	4405	Status, 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**

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

<b>Segment:</b>	<b>ALC</b> Allowance or Charge
<b>Position:</b>	0580 (Trigger Segment)
<b>Group:</b>	SG15
<b>Level:</b>	1
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	A segment identifying the charge or allowance and, where necessary, its calculation sequence.
<b>Notes:</b>	<p>This segment is used to indicate any Allowances or Charges with reference to the total invoice, e.g. packaging costs.</p> <p>Any allowances or charges specified in the detail section do not override or replace allowances or charges specified at header level.</p> <p>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.</p> <p>Example :</p> <p>ALC+C'</p> <p>A charge is being incurred.</p> <p>Dependency Notes :</p> <p>DE 4471: This data element is only used if the value in DE 5463 is 'C', charge.</p> <p>DE 1227: If the allowance or charge is not to be applied against a fixed price then the calculation sequence indicator must be included.</p> <p>DE C214: This composite is only included if the buyer knows the type of allowance or charge and is agreed between trading partners in their interchange agreement.</p>

<b>Data Element Summary</b>				
<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 (Dependent)  
**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**

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
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.

Example :

MOA+23:125'

**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
		8		
		<i>Allowance or charge amount</i>		
				Code 8 is used when a total amount of either allowances or charges is specified and the breakdown of such allowances or charges does not need to be itemised.
		23		
		<i>Charge amount</i>		
				This code will also include charges related to handling charges and other non-specific charges.
		64		
		<i>Freight charge</i>		
		286		
		<i>Administration Charge</i>		
				This code is used to include all charges relating to administration activities.
	5004	Monetary amount	C n..18	R
				Applie-com recommends that the value specified be at 2-decimal places, unless it is a whole number.
	6345	Currency, coded	C an..3	D
				For overseas use only
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

**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**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
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	M an..3	M
	7	<i>Tax</i>		
C241		DUTY/TAX/FEE TYPE	C	D
	5153	Duty/tax/fee type, coded	C an..3	O
		<i>GST Goods and services tax</i>		
	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:** 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
		This is the tax dollar amount. Applie-com recommends the value to be in 2-decimal places, unless it is a whole number.		
	6345	Currency, coded	C an..3	D
		For overseas use only.		
	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 (Optional)  
**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**

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0900	LIN	Line Item	M	1	
O	0910	PIA	Additional Product Id	C	25	
O	0920	IMD	Item Description	C	10	
O	0940	QTY	Quantity	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
	1310		Segment Group 33: Duty/Tax/Fee Details	C		99

<b>Segment:</b>	<b>LIN</b> Line Item
<b>Position:</b>	0900 (Trigger Segment)
<b>Group:</b>	SG25
<b>Level:</b>	1
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	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.
<b>Notes:</b>	<p>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.</p> <p>Each LIN segment corresponds to a different product being invoiced.</p> <p>Example :</p> <p>LIN+1++4000862141404:EN'</p> <p>Dependency Notes :</p> <p>C212: This composite is only used for the identification of EAN/UPC codes. If another coding structure is required, e.g., HIBC, this composite will not be used and the code will be detailed in the PIA segment.</p> <p>Data elements 5495 and 7083 are only used when sub-lines are required.</p> <p>FOR A COMPLETE DESCRIPTION ON THE USAGE OF SUB-LINES PLEASE REFER TO PART I, SECTION 4.11 OF THE EANCOM MANUAL</p>

**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 invoiced.		
		Applie-com restricts the use of only EAN/UCC numbers in DE7140. If none 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>	
		Use code EN, for any EAN/UCC number structure.		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
C829		SUB-LINE INFORMATION	C	X
	5495	Sub-line indicator, coded	C an..3	X
	1082	Line item number	C n..6	X
1222		CONFIGURATION LEVEL	C n..2	X
7083		CONFIGURATION, CODED	C an..3	X

<b>Segment:</b>	<b>PIA Additional Product Id</b>
<b>Position:</b>	0910
<b>Group:</b>	SG25
<b>Level:</b>	2
<b>Usage:</b>	Conditional (Optional)
<b>Max Use:</b>	25
<b>Purpose:</b>	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.
<b>Notes:</b>	<p>This segment is used to specify additional or substitutional item identification codes such as a buyers, or sellers item number.</p> <p>Applie-com recommends that this segment will only be used for information only, or where there is no GTIN specified at the LIN segment.</p> <p>Applie-com requires code 5 to be used if no EAN.UCC number is specified in the preceding LIN segment.</p> <p>Code 5 - Product Identification - To provide an additional product identification which is of equal importance or significance to the code provided in the LIN segment. EAN/UPC article number should not be used in conjunction with this code value. It should be noted that when this code is used, the product code specified here is the code which should be used for invoicing purposes</p> <p>Examples :</p> <p>PIA+5+RA141S-R:SA'</p> <p>This example details the supplier item code RA141S-R which is provided as the primary product code because no EAN.UCC item number was provided in the LIN segment.</p> <p>Code 1 - Additional Identification - To provide an additional identity for the product identified in the LIN segment. The additional identification can consist of :</p> <p>A supplemental identification which provides more information complementary to the main trade item number provided in the LIN segment, e.g., a batch number, promotional variant number, product group number, etc.</p> <p>An alternative identification which may be used where no main trade item number has been provided in the LIN segment, e.g., a buyers article number, an HIBC code, etc.</p>

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4347		<b>PRODUCT ID. FUNCTION QUALIFIER</b>	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>1 Additional identification</i>		
		<i>5 Product identification</i>		
C212		<b>ITEM NUMBER IDENTIFICATION</b>	M	M
	7140	<b>Item number</b>	C an..35	R
	7143	<b>Item number type, coded</b>	C an..3	R
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>IN Buyer's item number</i>		
		The use of code IN is for information only.		
		<i>SA Supplier's article number</i>		
	1131	<b>Code list qualifier</b>	C an..3	X
	3055	<b>Code list responsible agency, coded</b>	C an..3	X
C212		<b>ITEM NUMBER IDENTIFICATION</b>	C	O

The second iteration can more efficiently, specify item number identification (if more than one is required) in one line of the PIA segment.

	<b>7140</b>	<b>Item number</b>	<b>C</b>	<b>an..35</b>	<b>R</b>
	<b>7143</b>	<b>Item number type, coded</b>	<b>C</b>	<b>an..3</b>	<b>R</b>
		<i>IN Buyer's item number</i>			
		<i>SA Supplier's article number</i>			
	<b>1131</b>	<b>Code list qualifier</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	<b>3055</b>	<b>Code list responsible agency, coded</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
<b>C212</b>		<b>ITEM NUMBER IDENTIFICATION</b>	<b>C</b>		<b>X</b>
	<b>7140</b>	<b>Item number</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
	<b>7143</b>	<b>Item number type, coded</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	<b>1131</b>	<b>Code list qualifier</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	<b>3055</b>	<b>Code list responsible agency, coded</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
<b>C212</b>		<b>ITEM NUMBER IDENTIFICATION</b>	<b>C</b>		<b>X</b>
	<b>7140</b>	<b>Item number</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
	<b>7143</b>	<b>Item number type, coded</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	<b>1131</b>	<b>Code list qualifier</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	<b>3055</b>	<b>Code list responsible agency, coded</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
<b>C212</b>		<b>ITEM NUMBER IDENTIFICATION</b>	<b>C</b>		<b>X</b>
	<b>7140</b>	<b>Item number</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
	<b>7143</b>	<b>Item number type, coded</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	<b>1131</b>	<b>Code list qualifier</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	<b>3055</b>	<b>Code list responsible agency, coded</b>	<b>C</b>	<b>an..3</b>	<b>X</b>

**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 describe the current line item.

THIS SEGMENT IS NOT A MANDATORY REQUIREMENT OF USE BY APPLIE-COM.

THE USE OF THIS SEGMENT IS DEPENDENT ON THE BI-LATERAL ARRANGEMENTS BETWEEN PARTIES.

This segment should only be used when either an Item Identification Code in the PIA segment does not completely defined the product to the trading partner, or it is not present, and descriptive text is required.

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 BEAUTE REFRIGERATOR:TWO DOOR'

**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	C an..3	O
		<i>F Free-form</i>		
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	O
	7008	Item description	C an..35	O
		Optional use, in 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:** **QTY** Quantity  
**Position:** 0940  
**Group:** SG25  
**Level:** 2  
**Usage:** Conditional (Optional)  
**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.

Example :

QTY+47:40'

Dependency Notes :

DE 6411: This DE is only used if the product being invoiced is of variable quantity.

**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				
		21 <i>Ordered quantity</i>		
		47 <i>Invoiced quantity</i>		
THE APPLIE-COM BUSINESS RULES REQUIRES CODE 47=INVOICE QUANTITY TO BE USED WHENEVER AN INVOIC MESSAGE IS SENT.				
	6060	Quantity	M n..15	M
	6411	Measure unit qualifier	C an..3	X

**Group:** **MOA** Segment Group 26: Monetary Amount  
**Position:** 1030  
**Group:** Segment Group 25 (Line Item) Conditional (Optional)  
**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**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
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.

Example :  
 MOA+128:245.15'

**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
		<b>38</b>		
		<i>Invoice item amount</i>		
		For the Australian Electrical Appliances Industry, Applie-com recommends to use Code 128. Code 38 is only specified here for migration purposes.		
		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.		
		<b>128</b>		
		<i>Total amount</i>		
		In the Australian Electrical Appliances Industry the standard for all reported invoice amounts is to be excluding of GST (Goods and Services Tax).		
		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	C n..18	R
		Line item extended amount.		
		Applie-com recommends that the figure reported be at 2-decimal places.		
	6345	Currency, coded	C an..3	D
		For overseas use only		
	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 (Optional)  
**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+250.95'

Dependency Notes :

Data elements 5284 and 6411 are only used to indicate that the price is for a variable quantity product.

**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> Allowances and Charges included, GST excluded. ALC Segment group may be provided for information.  In the Australian Electrical Appliances Industry the standard for all reported invoice amounts is to be excluding of GST (Goods and Services Tax). Therefore the price is excluding of GST.		
		<i>NTP</i> <i>Calculation net - including taxes (EAN Code)</i> Unit price including allowances/charges, including GST  For the Australian Electrical Appliances Industry, Applie-com recommends to use Code AAA. The use of Code NTP is only specified here for migration purposes.		
	5118	Price	C n..15	R
		Unit price amount. Applie-com recommends that the price should show 2-decimal places, except where the price is a whole number.		
	5375	Price type, coded	C an..3	X
	5387	Price type qualifier	C an..3	X
	5284	Unit price basis	C n..9	X
	6411	Measure unit qualifier	C an..3	X
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 (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A group giving references and where necessary, their dates, relating to the line item.

**Segment Summary**

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	1170	RFF	Reference	M	1	

**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:** \*\*\*USE THE RFF SEGMENT IF AN ORDER NUMBER NEEDS TO BE SPECIFIED OR A LINE NUMBER IN THE ORDER NEEDS TO BE REFERENCED FOR RECONCILIATION PURPOSES\*\*\*

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.

Example :

RFF+ON:PO8306:7'

Reference relates to order number PO8306 and relates to line 7 of the order.

**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>ON</i> <i>Order number (purchase)</i>		
	1154	Reference number	C an..35	R
	1156	Line number	C an..6	O
SPECIFY THE LINE NUMBER IF REQUIRED.				
	4000	Reference version number	C an..35	X

**Group:** **TAX** Segment Group 33: Duty/Tax/Fee Details  
**Position:** 1310  
**Group:** Segment Group 25 (Line Item) Conditional (Optional)  
**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**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
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'

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	M an..3	M
		7 Tax		
C241		DUTY/TAX/FEE TYPE	C	R
	5153	Duty/tax/fee type, coded	C an..3	O
		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+124:21.80'

10% (expressed in TAX segment) of 2180 = 21.80.

**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
		This is the tax dollar amount, Applie-com recommends the value to be in 2-decimal places, unless it is a whole number.		
	6345	Currency, coded	C an..3	D
		For overseas use only.		
	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 *Detail/summary section separation*

**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
		<i>1</i>	<i>Algebraic total of the quantity values in line items in a message</i>	
		<i>2</i>	<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>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	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.

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>		
		For the purpose of this MIG the code is used to specify the total monetary of the invoice amount inclusive of GST, where GST is applicable to an item.		
		<i>128 Total amount</i>		
		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
		Applie-com recommends that the value specified should be 2-decimal places, except where a whole number is specified.		
	6345	Currency, coded	C an..3	D
		For overseas use only		
	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**

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
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'

If there are multiple rates included in the invoice, use multiple repeats of the TAX segment e.g.

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

TAX+7+GST+++:::3.5'

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	M an..3	M
		7 Tax		
C241		DUTY/TAX/FEE TYPE	C	Re
	5153	Duty/tax/fee type, coded	C an..3	O
		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
		Specify here 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:** 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 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
		Applie-com recommends that the value be specified at 2-decimal places, except where the value is a whole number.		
	6345	Currency, coded	C an..3	D
		For overseas use only		
	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.		

## 14.0 Sample Applie-com INVOICE Message

### UN/EDIFACT DATA LAYOUT

### DESCRIPTION

UNH+12345+INVOIC:D:96A:UN:EAN008'	System generated sequence number for message, 12345
BGM+388:::TAX INVOICE+432097+9'	Tax Invoice, reference number 432097 and it is an original document
DTM+137:200108201200:203'	Invoice message date/time is 20 <sup>th</sup> August 2001, 12:00noon
DTM+454:20010831:102'	Effective invoice date is 31 <sup>st</sup> August 2001
RFF+ON:ABCDE134567'	Invoice is referencing order number ABCDE1234567
NAD+BY+1234567890123::9'	Buyer party id is 1234567890123
RFF+AMT:11122233344412'	Buyer's Australian Business Number is 11122233344412
NAD+SU+5556667778889::9'	Supplier party id is 5556667778889
RFF+AMT:99988844455512'	Supplier's Australian Business Number is 99988844455512
PAT+1++5:3:D:30'	Payment terms, payments due 30 days after effective date of invoice
PCD+12:50'	Discount of 12.5% if paid before due payment date.
MOA+21:100'	Cash discount is \$100
ALC+C'	A Charge is being advised
MOA+286:12.50'	Charge value of \$12.50 pertaining to an Administration Charge
ALC+C'	A second Charge is being advised
MOA+63:24'	Charge value of \$24 pertaining to a Freight Charge
TAX+7+GST++++:::10'	The GST percentage relating to the freight charge
MOA+124:2.40'	The GST tax amount is \$2.40
LIN+1++9312345678902:EN'	1 <sup>st</sup> line on invoice, 9312345678902
PIA+1+1078341:IN+SKU25:SA'	Additional product information is Buyer's number, 1078341 and Supplier's number, SKU25
QTY+21:90'	Ordered quantity is 90
QTY+47:85'	Invoiced quantity is 85
MOA+128:2505.50'	The monetary amount, excluding GST is \$2505.80
PRI+AAA:29.48'	The price of the line, excluding GST is \$29.48
TAX+7+GST++++:::10'	The GST percentage is 10%
MOA+124:250.58'	The GST tax amount is \$250.58
LIN+2++9312345600001:EN'	2 <sup>nd</sup> line on invoice, 9312345600001
PIA+1+21078:IN+SKU42:SA'	Additional product information is Buyer's number, 21078 and Supplier's number, SKU242
QTY+21:36'	Ordered quantity is 36
QTY+47:36'	Invoiced quantity is 36
MOA+128:432'	The monetary amount, excluding GST is \$432
PRI+AAA:12'	The price of the line, excluding GST is \$12
TAX+7+GST++++:::10'	The GST percentage is 10%
MOA+124:43.20'	The GST tax amount is \$43.20
UNS+S'	Summary
CNT+2:2'	Total number of lines is two
MOA+128:2937.80'	Total invoice amount, excluding GST is \$2937.80
TAX+7+GST++++:::10'	GST percentage applied through out the invoice is 10%
MOA+124'	The total tax amount is \$293.78
UNT+38+12345'	Number of segments in the message, 38