



APPLIE-com

Price/Sales Catalogue

(PRICAT) Version 3

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

<http://www.applie-com.com.au>

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Table of Contents

1.0 Contacts 4

2.0 Disclaimer..... 4

3.0 Change Control..... 4

4.0 Price Sales Catalogue Data Mapping Table5

5.0 UN/EDIFACT 21

5.1 Definition of UN/EDIFACT..... 21

5.2 UN/EDIFACT syntax overview 21

 5.2.1 Structure of an interchange..... 21

 5.2.2 Structure of a message 21

 5.2.3 Segment structure 22

 5.2.4 Separators 22

 5.2.5 Representation of numeric values 23

 5.2.6 Character set 23

6.0 Documentation conventions 24

 6.1 Format and picture of data elements 24

 6.2 Status indicators..... 25

7.0 Interchange structure and service segments..... 25

8.0 Segment Layout - UNA segment 27

9.0 Segment Layout - UNB segment. 28

10.0 Segment Layout - UNG segment. 30

11.0 Segment Layout - UNE segment. 31

12.0 PRICAT Price/Sales Catalogue Message..... 32

13.0 Sample Applie-com PRICAT Message..... 81

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 GS1 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

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	
Draft v 3		GS1 name change	

4.0 Price Sales Catalogue Data Mapping Table

Price Sales Catalogue (PRICAT) 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	Comments and Examples
Header Information						
	Type of Message	Mandatory	BGM / 0020	C002 DE1001	9=Price/sales catalogue	
	Document/message number	Mandatory	BGM/0020	DE1004		
	Message Function	Mandatory	BGM/0020	DE1225	2=Addition 3=Deletion 4=Change 5=Replace 9=Original 11=Response	
	Date/time qualifier	Mandatory	DTM/0030	C507 DE2005	7=Effective date/time 137=Document/message date/time 157=Validity start date 261=Release date/time 362=End availability date	
	Date/time	Mandatory	DTM/0030	C507 DE2380		
	Date/time format qualifier	Mandatory	DTM/0030	C507 DE2379	102=CCYYMMDD 203=CCYYMMDDHH	
	Party qualifier	Mandatory	NAD/0100	DE3035	IPD=Information Provider (EAN code)	Code giving specific meaning to a party
	Party id	Mandatory	NAD/0100	C082		Global Location Number (GLN) of information

	identification			DE3039		provider
	Code list qualifier	Mandatory	NAD/0100	C082 DE1131	14=Global Location Number (GLN) format n13	
	Code list responsible agency, coded	Mandatory	NAD/0100	C082 DE3055	9=EAN (International Article Numbering association)	
	Reference qualifier	Conditional	RFF/0130	C506 DE1153	AMT=Goods and Services Tax identification number API=Additional party identification (EAN code) IA=Internal vendor number	Use code AMT to specify the ABN (Australian Business Number) XA was as earlier code used, however AMT is a more appropriate code. XA should not be used.
	Reference number	Conditional	RFF/0130	C506 DE1154		

Data Type	Business Description	Business Requirements Mandatory Conditional Optional	Where found in EANCOM ORDERS/ Position number	Data Element	Code Value	Comments
Detail Information						
	Product group type coded	Mandatory	PGI/0550	DE5379	9=No group used 11=Product group	
	Product group coded	Conditional	PGI/0550	C288 DE5389		A 4 digit code assigned by the manufacturer, if code 11 is specified in DE5379
	Code list responsible agency coded	Conditional	PGI/0550	C288 DE3055	90=Assigned by manufacturer	
	Product group	Conditional	PGI/0550	C288 DE5388		Free form description of product group
	Line item number	Mandatory	LIN/1150	DE1082		Application generated number of the lines within the PRICAT message
	Action request/ notification, coded	Conditional	LIN/1150	DE1229	1=Added 2=Deleted 3=Changed 1E=Correction of Error (EAN code) 38=Replace	Action codes are required if BGM data element 1225 =9, otherwise DE1229 is not used.
	Item number	Mandatory	LIN/1150	C212 DE7140		Primary GTIN
	Item number type coded	Mandatory	LIN/1150	C212 DE7143	EN=International Article Numbering Association (EAN)	
	Additional product id, product id function qualifier	Conditional	PIA/1160	DE4347	1=Additional identification 4=Substituted for 5=Product identification	
	Item number	Conditional	PIA/1160	C212 DE7140		
	Item number type coded	Conditional	PIA/1160	C212 DE7143	EN=International Article Numbering Association	

					GD=Classification code GU=Product id (style number) MF=Manufacturer's (producer's) article number	GD refers to the UN/SPSC code
	Code list responsible agency code	Conditional	PIA/1160	C212 DE3055	6=UN/ECE (United Nations – Economic Commission for Europe)	Required only when code GD is used in DE7143
	Item description type coded	Conditional	IMD/1170	DE7077	A=Free-form long description C=Code (from industry code list) D=Free-form price look up E=Free-form short description F=Free form	
	Item characteristic, code	Conditional	IMD/1170	DE7081	35=Colour 98=Size BRN=Brand/Trade Name (EAN code) DSC=GTIN description (EAN code) TPE=Variant (EAN code)	
	Item description identification	Conditional	IMD/1170	C273 DE7009	CU=Consumer Unit IT=Intermediate Unit IN=Invoice unit indicator OPL=Product Id (Style) description PRU=Ordering unit TU=Traded unit	
	Code list responsibility agency coded	Conditional	IMD/1170	C273 DE3055	9=EAN 60=Assigned by national agency 90=Assigned by manufacturer	
	Item description	Conditional	IMD/1170	C273 DE7008		Two iteration of 35 characters
	Language, coded	Conditional	IMD/1170	C273	EN=English	

				DE3453		
	Measurement application qualifier	Conditional	MEA/1180	DE6311	AAE=Measurement CT=Counts PD=Physical dimensions (product ordered) SV=Specification value UC=Useable contents (EAN code)	
	Measurement dimension, coded	Conditional	MEA/1180	C502 DE6313	AAA=Unit net weight AAB=Unit gross weight AAQ=Power consumption ABJ=Volume CT=Contents of package DP=Depth HT=Height dimension LAY=Number of layers of next lower level per pack NPL=Number of pallet layers NUL=Trade items per pallet layer NUP=Number of trade items per pallet (EAN code) PDP=Pallet depth (breath) PEH=Horizontal peg PEV=Vertical peg PHT=Pallet height PNW=Pallet net weight PVO=Pallet volume PWD=Pallet width (length) UCO=Units per Package (EAN code) WD=Width dimension X1E=Number of next lower level units in width of layer X2E=Number of next lower level units in depth of layer	
	Measure unit qualifier	Conditional	MEA/1180	C174 DE6411	CMQ=Cubic centimetre CMT=Centimetre	

					DMT=Decimetre DZ=Dozen EA=Each FOT=Foot GLI=Gallon GRM=Gram INH=Inch KGM=Kilogram LTR=Litre MC=Microgram MGM=Milligram MIN=Minute MLT=Millilitre MMQ=Cubic millimetre MMT=Millimetre MTQ=Cubic metre MTR=Metre ONZ=Ounce GB, US P1=Percentage PCE=Pieces PND=Pound (EAN code) PR=Pair PTI=Pint (UK) PTN=Portion (EAN code) ST=Sheet	
	Measurement value	Conditional	MEA/1180	C174 DE6411		Numeric measurement value
	Quantity qualifier	Conditional	QTY/1190	C186 DE6063	52=Quantity per pack 53=Minimum order quantity 43E=Order quantity multiple (EAN Code)	
	Quantity	Conditional	QTY/1190	C186 DE6060		Numeric value of a quantity
	Measure unit qualifier	Conditional	QTY/1190	C186 DE6411	CMQ=Cubic centimetre CMT=Centimetre DMT=Decimetre DZ=Dozen EA=Each	

					<p>FOT=Foot GLI=Gallon GRM=Gram INH=Inch KGM=Kilogram LTR=Litre MC=Microgram MGM=Milligram MIN=Minute MLT=Millilitre MMQ=Cubic millimetre MMT=Millimetre MTQ=Cubic metre MTR=Metre ONZ=Ounce GB, US P1=Percentage PCE=Pieces PND=Pound (EAN code) PR=Pair PTI=Pint (UK) PTN=Portion (EAN code) ST=Sheet</p>	
	Handling instructions, coded	Conditional	HAN/1200	C524 DE4079	<p>HAC=Class number HAH=Hazchem code HAP=Packaging group HAS=Subsidiary risk STR=Stacking restricted (EAN code) UPR=Up right / standing</p>	
	Code list responsibility agency, coded	Conditional	HAN/1200	C524 DE3055	9=EAN	
	Additional information. Special conditions, coded	Conditional	ALI/1210	DE4183	<p>49E=Export only (EAN code) 54E=No sale or return (EAN code) 64E=Sale or return (EAN code) 84E=New, announcement</p>	

					only (EAN Code) 85E=New, available (EAN Code) 86E=Obsolete (EAN code) 92E=Discontinued (EAN code) 94E=Deletion, announcement only (EAN code)	
	Date/time qualifier	Conditional	DTM/1220	C507 DE2005	7=Effective date/time 157=Validity start date 169=Lead time 261=Release date/time 362=End availability date	
	Date/time	Conditional	DTM/1220	C507 DE2380		
	Date/time format qualifier	Conditional	DTM/1220	C507 DE2379	102=CCYYMMDD 203=CCYYMMDDHHMM	
	Tax function qualifier	Conditional	TAX/1330	DE5283	7=Tax	
	Tax type coded	Conditional	TAX/1330	C241 DE5153	GST=Goods and services tax	
	Tax rate	Conditional	TAX/1330	C241 DE5278		Actual tax rate
	Type of price. Price qualifier	Mandatory	PRI/1390	C509 DE5125	AAA=Calculation net AAB=Calculation gross INF=Information NTP=Calculation net – including tax (EAN code)	Code AAA is used for both invoice price and prom. Price the price stated is the net price including allowances/charges and excluding taxes. Code AAB used for the list price Code INF used for the suggested retail price Code NTP, the price stated is the net price including allowances and charges, and including Taxes
	Price	Mandatory	PRI/1390	C509 DE5118		Monetary value
	Price type, coded	Mandatory	PRI/1390	C509 DE5375	CA=Catalogue	
	Price type,	Mandatory	PRI/1390	C509	EUP=Expected unit price	Code EUP relates to the last cost i.e. Last Cost

	qualifier			DE5387	<p>INV=Invoice price</p> <p>LIU=List price (EAN code)</p> <p>PRP=Promotional price</p> <p>SRP=Suggested retail price</p>	<p>= Invoice price-deferred allowances</p> <p>Invoice Price = List price-warehouse allowances-ullage = delivery charges</p> <p>List price = gross cost not accounting for allowances, deferred allowances and delivery charges</p> <p>Promotional price=Invoice Price-Promotional allowances</p> <p>Manufacturer's suggested retail price</p>
	Unit price basis	Conditional	PRI/1390	C509 DE5284		
	Measure unit qualifier	Conditional	PRI/1390	C509 DE6411	<p>CMQ=Cubic centimetre</p> <p>CMT=Centimetre</p> <p>DMT=Decimetre</p> <p>DZ=Dozen</p> <p>EA=Each</p> <p>FOT=Foot</p> <p>GLI=Gallon</p> <p>GRM=Gram</p> <p>INH=Inch</p> <p>KGM=Kilogram</p> <p>LTR=Litre</p> <p>MC=Microgram</p> <p>MGM=Milligram</p> <p>MIN=Minute</p> <p>MLT=Millilitre</p> <p>MMQ=Cubic millimetre</p> <p>MMT=Millimetre</p> <p>MTQ=Cubic metre</p> <p>MTR=Metre</p> <p>ONZ=Ounce GB, US</p> <p>P1=Percentage</p> <p>PCE=Pieces</p> <p>PND=Pound (EAN code)</p> <p>PR=Pair</p> <p>PTI=Pint (UK)</p> <p>PTN=Portion (EAN code)</p> <p>ST=Sheet</p>	
	Currency details	Conditional	CUX/1400	C504	2=Reference currency	

	qualifier			DE6347		
	Currency, coded	Conditional	CUX/1400	C504 DE6345	AUD=Australian dollar CAD=Canadian dollar DEM=Deutsche Mark EUR=European Euro GBP=Great British Pound Sterling HKD=Hong Kong dollar JPY=Japanese yen NZD=New Zealand dollar USD=US dollar	
	Currency qualifier	Conditional	CUX/1400	C504 DE6343	8=Price list currency	
	Reasons for price change, coded	Conditional	APR/1410	C960 DE4295	JL=Job lot NI=New item PI=Price increase PR=Price reduction QB=Quantity buy SC=Size difference TPR=Temporary price reduction	
	Code list responsible agency coded	Conditional	APR/1410	C960 DE3055	60=Assigned by national trade agency	As the codes in DE4295 have been codes assigned by EANB Australian, as there were no EDIAFCT code equivalent, code 60 is used to refer to EAN Australia
	Date/time qualifier	Conditional	DTM/1430	C507 DE2005	194=State date/time 206=End date/time	
	Date/time	Conditional	DTM/1430	C507 DE2380		
	Date/time format qualifier	Conditional	DTM/1430	C507 DE2379	102=CCYYMMDD	
	Place/Location qualifier	Conditional	LOC/1435	DE3227	7=Place of delivery 8=Place of destination 162=Place or location of sale	For code 8, use with GLN (s) of customers (s) to whom this price applies
	Lace/location identification	Conditional	LOC/1435	C517 DE3225		DE3225 is used if code 8 in DE3227 GLN of customer

	Code list responsible agency, coded	Conditional	LOC/1435	C517 DE3055	9=EAN	
	Related place/location one identification	Conditional	LOC/1435	C519 DE3223	ACT=Australian Capital Territory FNQ=Far North Queensland NAT=National NSW=New South Wales NT=Northern Territory QLD=Queensland SA=South Australia TAS=Tasmania VIC=Victoria WA=Western Australia WAC=Western Australia Country WAM=Western Australia Metro	DE3223 is used if code 162 in DE3227 GLN of customer
	Code list responsible agency, coded	Conditional	LOC/1435	C519 DE3055	ZZZ=Mutually defined	
	Related place/location two identification	Conditional	LOC/1435	C553 DE3233	CD=Cross Dock DC=Distribution Centre DTS=Direct to Store	DE3233 is used if code 7 in DE3227 GLN of customer
	Code list responsible agency, coded	Conditional	LOC/1435	C519 DE3055	ZZZ=Mutually defined	
	Allowance or charge qualifier	Conditional	ALC/1460	DE5463	A=Allowance C=Charge	
	Allowance/charge number	Conditional	ALC/1460	C552 DE1230		Dependency rule, must be used for promotion number for promotion type prices i.e. PRI DE5387=PRP Customer's promotion number
	Charge/allowance description, coded	Conditional	ALC/1460	C552 DE5189	32=Courier fee	
	Settlement, coded	Conditional	ALC/1460	DE4471	2=Off invoice 4=Credit customer account 5=Charge to be paid by	Code 5 is used for promotions co-op payment

					vendor 6=Charge to be paid by customer	Code 6 is used for freight charge
	Calculation sequence indicator, coded	Conditional	ALC/1460	DE1227	1=First step of calculation 2=Second step of calculation	
	Special services, coded	Conditional	ALC/1460	C214 DE7161	<p>ABH=Throughput allowance</p> <p>ABZ=Miscellaneous rebate or discount</p> <p>ACZ=Damages merchandise</p> <p>DAE=Distributor discount/allowance</p> <p>EAB=early payment allowance</p> <p>FC=Freight charge</p> <p>INT=Introduction allowance (EAN code)</p> <p>PAD=Promotional allowance</p> <p>PAE=Promotional discount</p> <p>PAR=Partnership allowance (Co-op) (EAN code)</p> <p>POS=Point of sales scans</p> <p>QD=Quantity discount</p> <p>TD=Trade discount</p> <p>TZ=Temporary allowance</p> <p>VAB=Volume discount</p>	<p>Contains either a specific allowance/charge (trading term) code – for invoice prices only, or a promotional component discount – for promotional prices only</p> <p>ABH refers to promotions deferred</p> <p>ABZ refers to promotions deferred</p> <p>ACZ refers to ullage allowance trading term (off invoice)</p> <p>DAE refers to warehouse allowance trading term (off invoice)</p> <p>EAB refers to settlement allowance trading term (off invoice)</p> <p>FC refers to delivery charge trading terms</p> <p>INT refers to promotion (off invoice)</p> <p>PAD refers to promotion (off invoice)</p> <p>PAE refers to promotion (deferred)</p> <p>PAR refers to promotion (co-op payment)</p> <p>POS refers to promotion (deferred)</p> <p>QD refers to trading terms (off invoice)</p> <p>TD refers to trading terms (off invoice)</p> <p>TZ refers to trading terms (off invoice)</p> <p>VAB refers to trading terms (off invoice)</p>
	Code list responsible agency, coded	Conditional	ALC/1460	C214 DE3055	9=EAN	
	Special service, description	Conditional	ALC/1460	C214 DE7160		This DE contains a cross reference to the price occurrence number that this allowance applies

						to. As the ALC loop is outside the PIR loop (i.e. not nested) a price cross reference is the mechanism used to associate the relevant allowances or discounts to the corresponding price E.g. If the current ALC segment is to be associated with the price in the 4 th occurrence of the PRI segment, then the “Price Cross Reference” is this data element value is “004”
	Special service, description	Conditional	ALC/1460	C214 DE7160		Contains literal string “ALL” This will associate this allowance to “all” your customers which are assigned to this price, of if not a customer-specific price then to “all” of your trading partners.
	Date/time qualifier To indicate PPOS start/end date for a promotional price only	Conditional	DTM/1480	C507 DE2005	194=State date/time 206=End date/time	194=For selling at POS 206=For selling at POS
	Date/time	Conditional	DTM/1480	C507 DE2380		
	Date/time format qualifier	Conditional	DTM/1480	C507 DE2379	102=CCYYMMDD	
	Percentage qualifier	Conditional	PCD/1530	C501 DE5245	3=Allowance or charge	
	Percentage	Conditional	PCD/1530	C501 DE5482		Percentage of allowance or charge provided in the associated ALC segment. Format (3).(3)
	Monetary amount type qualifier	Conditional	MOA/1560	C516 DE5025	23=Charge amount 204=Allowance amount	
	Monetary amount	Conditional	MOA/1560	C516 DE5004		Amount of allowance or charge, including decimal point as required – format (13).(2)
	Type of packages identification	Conditional	PAC/1650	C202 DE7065	AE=Aerosol AT=Atomiser BA=Barrel BG=Bag BME=Blister pack (EAN code) BO=Bottle	

					BX=Box CG=Card CH=Container CMS=Clamshell CR=Crate CT=carton CU=Cup CX=Can CY=Cylinder D99=Sleeve DR=Drum EN=Envelope (sachet) JR=Jar LAB=Label/Tag MPE=Multipack (EAN code) NE=Unpacked or Unpackaged (loose/bulk) PA=Packet PL=Pail (bucket) PO=Pouch PU=Tray PUN=Punnet SO=Spool TB=Tub TEV=Tamper Evident TU=Tube UVQ=Wrapped in plastic sheet VI=Vial VP=Vacuum packed X1=Pallet (EAN code)	
	Type of packages	Conditional	PAC/1650	C202 DE7064	AL=Aluminium CE=Ceramic CFB=Corrugate Fibreboard CL=Cloth COM=Composite FL=Flexible GL=Glass	

					HE=Hessian PA=Paper PB=Paperboard PM=Plastic Mould PP=Pulp paperboard PS=Plastic sheet RBP=Rigid barrier plastic RM=Rigid metal RP=Rigid plastic ST=Steel WP=Wood	
	Hierarchy object code qualifier	Conditional	HYN/1786	DE7173	P=Product hierarchy	
	Hierarchical structure relationship	Conditional	HYN/1786	DE7171	C=Child	
	Action request, coded	Conditional	HYN/1786	DE1229	1=Added 2=Deleted	
	Item number	Conditional	HYN/1786	C212 DE7140		GTIN of next lower level
	Item number type, coded	Conditional	HYN/1786	C212 DE7143	EN=International Article Numbering Association	
	Quantity qualifier	Conditional	QTY/1788	C186 DE6063	17E=Number of units in lower packaging or configuration level (next lower level) (EAN code)	
	Quantity	Conditional	QTY/1788	C186 DE6060		Numeric value in quantity
	Measure unit qualifier	Conditional	QTY/1788	C186 DE6411	EA=Each	

Data Type	Business Description	Business Requirement Mandatory Conditional Optional	Where found in EANCOM ORDERS/ EDIFACT Position number	Data Element	Code Value	Comments
Summary Information						
	Number of segments	Mandatory	UNT/1790	DE0074		
	Message reference number	Mandatory	UNT/1790	DE0062		

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 UN/EDIFACT

5.1 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 exchange of structured data, and in particular that related to trade in goods and services, between independent computerised information systems.

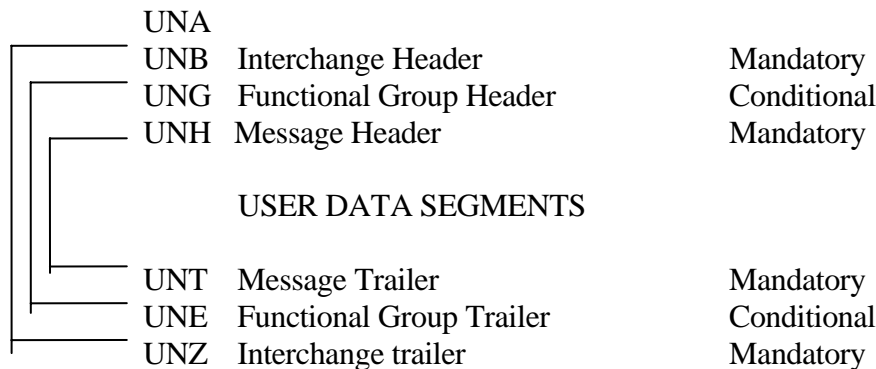
5.2 UN/EDIFACT syntax overview

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.

5.2.1 Structure of an interchange

An interchange may consist of the following segments:



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

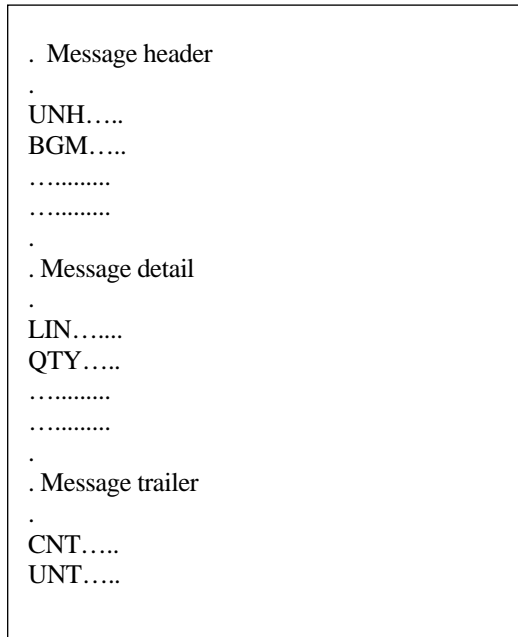
User data segments contain the information itself, in a format specific to each message type.

5.2.2 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.

5.2.3 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.

5.2.4 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.

5.2.5 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.

5.2.6 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.

Applicom Message Implementation Guidelines

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	\
Left 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**.

6.0 Documentation conventions

6.1 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

Applicom Message Implementation Guidelines

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

6.2 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 is 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. |

7.0 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

8.0 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
UNA1 Component data element separator	M an1	M		Is used as a separator between component data elements contained within a composite data element (default value :)
UNA2 Data element separator	M an1	M		Is used to separate two simple or composite data elements (default value : +)
UNA3 Decimal notation	M an1	M		Is used to indicate the character used for decimal notation (default value : .)
UNA4 Release character	M an1	M		Used to restore the separator and the terminator signs to their original specification (default value: ?)
UNA5 Reserved for future use	M an1	M		(default value : space)
UNA6 Segment terminator	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.				

9.0 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
S001 SYNTAX IDENTIFIER	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
S002 INTERCHANGE SENDER	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
S003 INTERCHANGE RECIPIENT	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
S004 DATE / TIME OF PREPARATION	M	M		Must Use
0017 Date	M n6	M		YYMMDD. Must Use
0019 Time	M n4	M		HHMM. Must Use
0020 Interchange control reference	M an..14	M		Unique reference identifying the interchange. Created by the interchange sender. Must Use
S005 RECIPIENT'S REFERENCE PASSWORD	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
0026 Application reference	C an..14	O		Message identification if the interchange contains only one type of message. Not Used
0029 Processing priority code	C a1	O		Not Used
0031 Acknowledgement request	C n1	O		Not Used
0032 Communications agreement identification	C an..35	O	*	Not Used.
0035 Test indicator	C n1	O		1 = Interchange is a test Use code 1 only if the interchange is a test, otherwise do not send DE0035. Dependent

Applic-com Message Implementation Guidelines

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.

10.0 Segment Layout - UNG segment.

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

As a business rule, Appie-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
0038 FUNCTIONAL GROUP IDENTIFICATION	M an..6	M		Identifies the type of message contained in the functional group, e.g. INVOIC
S006 APPLICATION SENDER'S IDENTIFICATION	M	M		
0040 Sender identification	M an..35	M		EAN location number (n13)
0007 Identification code qualifier	C an..4	R	*	14 = EAN International
S007 INTERCHANGE RECIPIENT	M	M		
0044 Recipient identification	M an..35	M		EAN location number (n13)
0007 Identification code qualifier	C an..4	R	*	14 = EAN International
S004 DATE / TIME OF PREPARATION	M	M		
0017 Date	M n6	M		YYMMDD
0019 Time	M n4	M		HHMM
0048 Functional group reference number	M an..14	M		Unique reference identifying the functional group. Created by the interchange sender.
0051 Controlling agency	M an..2	M	*	EN = EAN International UN = UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)
S008 MESSAGE VERSION	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.
0058 Application password	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.				

11.0 Segment Layout - UNE segment.

As a business rule, Applicom 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
0060	Number of messages	M n..6	M	Number of messages in the group.
0048	Functional group reference number	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
0036	Interchange control count	M n..6	M	Number of messages or functional groups within the interchange.
0020	Interchange control reference	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.'				

12.0 PRICAT Price/Sales Catalogue Message

* Definition

A message to enable the transmission of information regarding pricing and catalogue details for goods and services offered by a seller to a buyer. The message can also be sent from a buyer to a seller to specify special requirements such as buyer labelling or packaging requirements, or to provide a response (acceptance or rejection) to a previously received Price/Sales Catalogue.

* Principles

The article information transmitted with the Price/Sales Catalogue message is intended to be used for reference by the trading partners in subsequent EDI interchanges of commercial messages.

The Price/Sales Catalogue message indicates descriptive, logistic and pricing information by individual product. Depending on the agreement between trading partners, the message might indicate only general information about the products, valid for all customers. However, the same message can be used to provide a customer with information specific to him, i.e. prices and special conditions.

Product information can be provided as a complete listing of all supplier's products or as an advance warning of particular changes.

The Price/Sales Catalogue message can also be used by suppliers to feed a central catalogue of products, making the information available to all interested parties. In addition, interested parties may be provided with information from a central catalogue or database of products by means of the Price/Sales Catalogue message.

Optionally, products can be grouped by supplier or manufacturer. In this case the supplier is identified in the NAD-CTA loop following PGI. If no grouping of products is required, the detail section starts with one occurrence of PGI.

Each individual item, Consumer Unit, Traded Unit or Despatch Unit is described in the LIN segment group.

If the number of units inside a despatch or traded unit changes then the LIN/PIA segments identifying the despatch or traded unit must be re-transmitted with an action request code of change.

The Price/Sales Catalogue message can be used to indicate specific action. This is implemented by use of the message function code in the BGM segment and the action request code in the LIN segment. These action codes can be used to change, add, delete and confirm product information in the detail section of the message.

The message function code in the BGM segment is used to indicate that all the items in the Price/Sales Catalogue have the same action required. In this case the action request code in the LIN segment should correspond to the functionality of the message function code in the BGM segment. Otherwise, the functionality indicated in the LIN segment will override the functionality indicated in the BGM segment.

When using the Price/Sales Catalogue message to provide a response the message sender may indicate three types of information;

- The total acceptance of a previous Price/Sales Catalogue message. In this instance only mandatory segments and segments identifying the parties and the message being responded need to be transmitted. The acceptance of the message is indicated using data element 1225 (code value '29, Accepted without change') in the BGM segment.
- The total rejection of a previous Price/Sales Catalogue message. In this instance only mandatory segments and segments identifying the parties and the message being responded need to be transmitted. The rejection of the message is indicated using data element 1225 (code value '27, Not accepted') in the BGM segment.

The proposed change of information at either a product group level or at an individual product level. Where changes take place all of the information related to the level being changed must be re-transmitted for confirmation purposes, e.g. at PGI level all segments, at LIN level all segments. Data element 1225 in the BGM segment must be set to '4, Change'. At product level data element 1229 in the LIN segment must be set to '3, Change'. Reference to a specific line being responded to is achieved through the use of a combination of the reference to the original document (either at heading or PGI level) and in the RFF at detail level using DE 1156 'Line number'. The FTX segment at the PGI and LIN levels may be used to provide explanation, either in coded or free form, as to why the information is being changed. Information at PGI or LIN level not re-transmitted is automatically accepted by default. Accepted information at product level may also be explicitly indicated using the code value '4, No change', in data element 1229 in the LIN segment.

Introduction:

A message to enable the transmission of information regarding pricing and catalogue details for goods and services offered by a seller to a buyer.

PRICAT Price/Sales Catalogue Message

Notes:

THE APPLIE-COM PRICAT MESSAGE HAS BEEN DEVELOPED FOR BI-LATERAL DATA EXCHANGE. THE MESSAGE IMPLEMENTATION GUIDELINES HOWEVER HAS BEEN BASED ON THE PRICAT DEVELOPED BY EAN AUSTRALIA FOR ITS ELECTRONIC PRODUCT CATALOGUE (EANNET). THIS WILL ALLOW FOR A DEGREE OF COMPATIBILITY WITH TRADING PARTNERS USING EITHER METHOD OF DATA EXCHANGE.

1st draft of the Electrical Appliance Industry (Applie-com) message Implementation Guidelines
2nd draft of Applie-com PRICAT. No syntax change. Changes made to pre-amble of MIG.

Page No.	Pos. No.	Seg. ID	Name	Base Status	User Status	Max.Use	Group Repeat	Notes and Comments
35	0005	UNB	Interchange Header	M	M	1		

Heading Section:

Page No.	Pos. No.	Seg. ID	Name	Base Status	User Status	Max.Use	Group Repeat	Notes and Comments
36	0010	UNH	Message Header	M	M	1		
37	0020	BGM	Beginning of Message	M	M	1		

Applicom Message Implementation Guidelines

38	0030	DTM	Date/Time/Period	M	M	35	
	0090		Segment Group 2	C	R		99
40	0100	NAD	Name and Address	M	M	1	
	0120		Segment Group 3	C	O		10
42	0130	RFF	Reference	M	M	1	

Detail Section:

Page No.	Pos. No.	Seg. ID	Name	Base Status	User Status	Max.Use	Group Repeat	Notes and Comments
	0540		Segment Group 16	C	R		1000	
44	0550	PGI	Product Group Information	M	M	1		
	1140		Segment Group 33	C	R		999999	
46	1150	LIN	Line Item	M	M	1		
47	1160	PIA	Additional Product Id	C	R	10		
49	1170	IMD	Item Description	C	R	999		
50	1180	MEA	Measurements	C	R	10		
52	1190	QTY	Quantity	C	O	10		
53	1200	HAN	Handling Instructions	C	O	5		
54	1210	ALI	Additional Information	C	O	5		
55	1220	DTM	Date/Time/Period	C	O	10		
	1320		Segment Group 35	C	R		10	
57	1330	TAX	Duty/Tax/Fee Details	M	M	1		
	1380		Segment Group 37	C	O		100	
59	1390	PRI	Price Details	M	M	1		
61	1400	CUX	Currencies	C	O	1		
62	1410	APR	Additional Price Information	C	O	1		
63	1430	DTM	Date/Time/Period	C	O	5		
64	1435	LOC	Place/Location Identification	C	O	99		
	1450		Segment Group 38	C	O		99	
66	1460	ALC	Allowance or Charge	M	M	1		
68	1480	DTM	Date/Time/Period	C	O	9		
	1520		Segment Group 40	C	D		1	
70	1530	PCD	Percentage Details	M	M	1		
	1550		Segment Group 41	C	D		2	
72	1560	MOA	Monetary Amount	M	M	1		
	1640		Segment Group 44	C	O		10	
74	1650	PAC	Package	M	M	1		
	1785		Segment Group 48	C	O		999	
77	1786	HYN	Hierarchical Information	M	M	1		
78	1788	QTY	Quantity	C	R	1		
79	1790	UNT	Message Trailer	M	M	1		
81	1800	UNZ	Interchange Trailer	M	M	1		

Segment: **UNB** Interchange Header
Position: 0005
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To start, identify and specify an interchange
Notes: Example:
 UNB+UNOA:3+9377778142968:14+GPCPRICAT:ZZ+000721:2350+CNTRL001'

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes	
S001	0001	SYNTAX IDENTIFIER	M	M	
		Syntax identifier	M a4	M	
		<i>UNOA UN/ECE level A</i> <i>UNOB UN/ECE level B</i>			
Note: if this code is used, to denote character set B, then the preceding UNA segment must be used to reset the delimiters back to the defaults.					
S002	0002	Syntax version number	M n1	M	
		3 Syntax version 3			
		INTERCHANGE SENDER	M	M	
S002	0004	Sender identification	M an..35	M	
		Assigned at initial registration from supplier ramp details.			
		0007	Partner identification code qualifier	C an..4	R
<i>14 EAN (European Article Numbering Association)</i> <i>ZZ Mutually defined</i>					
S003	0008	Address for reverse routing	C an..14	X	
		INTERCHANGE RECIPIENT	M	M	
		0010	Recipient identification	M an..35	M
Set to value "GPCPRICAT"					
S004	0007	Partner identification code qualifier	C an..4	R	
		<i>ZZ Mutually defined</i>			
		0014	Routing address	C an..14	X
S004	0017	DATE AND TIME OF PREPARATION	M	M	
		Date of preparation	M n6	M	
		YYMMDD			
S004	0019	Time of preparation	M n4	M	
		HHMM			
		0020	INTERCHANGE CONTROL REFERENCE	M an..14	M
Unique reference identifying the interchange. Created by the interchange sender.					
(an..14 - inbound, vendor generated, n9 - outbound, EANnet generated)					
S005	0022	RECIPIENTS REFERENCE PASSWORD	C	X	
		Recipient reference/password	M an..14	X	
		0025	Recipient reference/password qualifier	C an2	X
0026	APPLICATION REFERENCE	C an..14	X		
0029	PROCESSING PRIORITY CODE	C a1	X		
0031	ACKNOWLEDGEMENT REQUEST	C n1	X		
0032	COMMUNICATIONS AGREEMENT ID	C an..35	X		
0035	TEST INDICATOR	C n1	X		

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 Price/sales catalogue message is PRICAT.
 Note: Price/sales catalogue messages conforming to this document must contain the following data in segment UNH, composite S009:
 Data element 0065 PRICAT 0052 D 0054 96A 0051 UN
Notes: This segment is used to head, identify and specify a message.
 Example: UNH+0001+PRICAT:D:96A:UN:EAN006'

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
0062		MESSAGE REFERENCE NUMBER	M an..14	M
		Sender's unique message reference. Sequence number of message in the interchange. Note: d.e. 0062 in the matching UNT segment will contain the same value. Generated by sender.		
S009		MESSAGE IDENTIFIER	M	M
	0065	Message type identifier <i>PRICAT Price/sales catalogue message</i>	M an..6	M
	0052	Message type version number <i>D Directory</i>	M an..3	M
	0054	Message type release number <i>96A Version 96A</i>	M an..3	M
	0051	Controlling agency <i>UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)</i>	M an..2	M
	0057	Association assigned code <i>EAN006 EAN Version Control Number</i>	C an..6	R
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 Price/Sales catalogue by means of its type and number and when necessary its function.
Notes: The message function, coded is the critical data element in this segment. It applies to all data in the message. See codes in data element 1225 for definitions.
 Example: BGM+9+0001+2'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C002		DOCUMENT/MESSAGE NAME	C	R
	1001	Document/message name, coded 9 <i>Price/sales catalogue</i>	C an..3	R
	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	X
1004		DOCUMENT/MESSAGE NUMBER	C an..35	O
		Mandatory. Generated by the sender of the message.		
1225		MESSAGE FUNCTION, CODED	C an..3	R
	2	<i>Addition</i> This code is used to add new products for the first time to your catalogue.		
	3	<i>Deletion</i> This code is used to delete products from the supplier's catalogue. In the case of deletion of GTINs, each LIN segment to be deleted must be sent in the detail section.		
	4	<i>Change</i> This code is used to modify any information relevant to a product already loaded in the catalogue. Only the segments containing modified information need be sent. However, all previously sent data in a modified segment must be sent.		
	5	<i>Replace</i> This code is used to entirely replace all existing information for GTIN(s) included. This is the only mechanism available for "blanking out" fields that previously contained non-blank values, such as descriptions, dates etc.		
	9	<i>Original</i> Any segments or data elements not provided, that had previously been sent for a GTIN, will be removed from the catalogue. When this code is used here in the BGM segment, then each line item LIN segment will contain d.e. 1229 - Action Code to be applied to each item. (Note: when BGM contains an action code other than "9" then that code is applied to all line items in the PRICAT message; in that case, if the LIN segment action code is additionally provided it is ignored).		
	11	<i>Response</i> This code is used for outbound messages, in response to queries against the database (i.e. online searches). Each line item LIN segment will contain a "blank" in its d.e. 1229 - Action code.		
	4343	RESPONSE TYPE, CODED	C an..3	X

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 1
Usage: Mandatory
Max Use: 35
Purpose: A segment specifying general dates and, when relevant, times related to the whole message. The segment must be specified at least once to identify the Price/sales catalogue document date.
 Examples of the use of this DTM segment are: Lead times that apply to the whole Price/Sales catalogue or expiration date/time of the Price/sales catalogue.
 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. the Reference date is specified within the RFF segment group.
Notes: This segment is used to specify the dates related to the catalogue.
 Note that all equivalent DTM codes at the detail level (LIN loop) override their corresponding code if used here at this header level.
 Example: DTM+7:20010608:102' (Effective date is 8th June 2001)

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
		7		
		<i>Effective date/time</i>		
		Effective date when ordering of product may commence.		
		137		
		<i>Document/message date/time</i>		
		Mandatory - date of this message		
		157		
		<i>Validity start date</i>		
		Public Release Date		
		Date when static item data is publicly released		
		This date is conditionally required; it must be specified if the Trading Partner Release date (code 261) is specified and it must be within 180 days.		
		261		
		<i>Release date/time</i>		
		Trading Partner Release Date		
		Date when GTIN(s) are viewable		
		This date is conditionally required; it must be specified if the Public Release date (code 157) is specified and it must be no more than 180 prior.		
		362		
		<i>End availability date</i>		
	2380	Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R
		102		
		<i>CCYMMDD</i>		
		203		
		<i>CCYMMDDHHMM</i>		

Group: **NAD** Segment Group 2: Name and Address
Position: 0090
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 99
Purpose: A group of segments identifying the parties with associated information relevant to the price/sales catalogue.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0100	NAD	Name and Address	M	1	
	0120		Segment Group 3: Reference	C		10

Segment:	NAD Name and Address
Position:	0100 (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. Identification of the sender and receiver parties is mandatory for the Price/sales catalogue message. It is recommended that where possible only the coded form of the party ID should be specified, e.g. The sender and the receiver are known to each other, thus only the coded ID is required, but the other parties specified in the message may vary and would have to be clearly specified, preferably in structured format.
Notes:	This segment is used to identify the information provider of the catalogue message. Example: NAD+IPD+9377778607658:14:9'

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
3035		PARTY QUALIFIER	M an..3	M
		<i>IPD Information Provider (EAN code)</i>		
C082		PARTY IDENTIFICATION DETAILS	C	R
	3039	Party id. identification	M an..35	M
		GLN of information provider		
	1131	Code list qualifier	C an..3	R
		<i>14 Global Location Number (GLN) format: n13</i>		
	3055	Code list responsible agency, coded	C an..3	O
		<i>9 EAN (International Article Numbering association)</i>		
C058		NAME AND ADDRESS	C	X
	3124	Name and address line	M an..35	X
		Company Name		
	3124	Name and address line	C an..35	X
		Trading Division		
	3124	Name and address line	C an..35	X
		Company URL (website address)		
	3124	Name and address line	C an..35	X
	3124	Name and address line	C an..35	X
C080		PARTY NAME	C	X
	3036	Party name	M an..35	X
	3036	Party name	C an..35	X
	3036	Party name	C an..35	X
	3036	Party name	C an..35	X
	3036	Party name	C an..35	X
	3045	Party name format, coded	C an..3	X
C059		STREET	C	X
	3042	Street and number/p.o. box	M an..35	X
		Building name/number and street name		
	3042	Street and number/p.o. box	C an..35	X
		Additional address information: e.g. suite #		
	3042	Street and number/p.o. box	C an..35	X
	3042	Street and number/p.o. box	C an..35	X
3164		CITY NAME	C an..35	X
		City/town name, free text		
3229		COUNTRY SUB-ENTITY IDENTIFICATION	C an..9	X
		For state/province, use national standard abbreviations		
3251		POSTCODE IDENTIFICATION	C an..9	X
		Postal code		
3207		COUNTRY, CODED	C an..3	X
		Other countries: any valid ISO 2-character country code		

Group: **RFF** Segment Group 3: Reference
Position: 0120
Group: Segment Group 2 (Name and Address) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments giving references only relevant to the specified party.

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	0130	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 0130 (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 for the information provider's ABN.
 Example: RFF+AMT:67111222333'

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 <i>AMT</i>	M an..3	M
		<i>API</i>	<i>Goods and Services Tax Identification Number</i>	
		<i>IA</i>	<i>Additional party identification (EAN code)</i>	
		<i>IA</i>	<i>Internal vendor number</i>	
	1154	Reference number	C an..35	R
1156	Line number	C an..6	X	
4000	Reference version number	C an..35	X	

Group: **PGI** Segment Group 16: Product Group Information
Position: 0540
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 1000
Purpose: A group of segments enabling the standard commercial factors relevant to a specific group of items to be specified. e.g. quantity related price break factors or minimum order quantity.
Notes: Beginning of Detail section

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0550	PGI	Product Group Information	M	1	
	1140		Segment Group 33: Line Item	C		999999

Segment: **PGI** Product Group Information
Position: 0550 (Trigger Segment)
Group: SG16
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the products Price/Tariff group where applicable.
Notes: This segment is used to group a set of related products together as assigned by the supplier at their discretion. It is through the use of such product grouping (and lower level Product IDs) that suppliers can structure their catalogue to reflect the business.

All products provided within LIN loops under the same PGI group belong to the same product group.

If the vendor is not using product groups, use 0000 in d.e. 5389. This will set the description to "ungrouped products".

Note: data element 5388 product group description is mandatory when adding a new product group.

Example: PGI+11+0001::90:Consumer Goods'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5379		PRODUCT GROUP TYPE, CODED 9 <i>No group used</i> 11 <i>Product group</i>	M an..3	M
C288	5389	PRODUCT GROUP Product group, coded 4 character product group identifier. To be compliant with D96A, the number of characters is 3 (NB: The latest EDIFACT directory allows for 25 characters). This product grouping code is assigned by the manufacturer of the product.	C C an..3	R R
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded 90 <i>Assigned by manufacturer</i>	C an..3	O
	5388	Product group Product Group description. Dependency rule: Product group description must be sent when adding a new product group.	C an..35	D

Group: **LIN** Segment Group 33: Line Item
Position: 1140
Group: Segment Group 16 (Product Group Information) Conditional (Required)
Level: 2
Usage: Conditional (Required)
Max Use: 999999
Purpose: A group of segments providing the relevant price/sales information for the specified product/service.
Notes: Segment group is required.

Segment Summary

	Pos.	Seg.	Name	Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	1150	LIN	Line Item	M	1	
R	1160	PIA	Additional Product Id	C	10	
R	1170	IMD	Item Description	C	999	
R	1180	MEA	Measurements	C	10	
O	1190	QTY	Quantity	C	10	
O	1200	HAN	Handling Instructions	C	5	
O	1210	ALI	Additional Information	C	5	
O	1220	DTM	Date/Time/Period	C	10	
	1320		Segment Group 35: Duty/Tax/Fee Details	C		10
	1380		Segment Group 37: Price Details	C		100
	1450		Segment Group 38: Allowance or Charge	C		99
	1640		Segment Group 44: Package	C		10
	1785		Segment Group 48: Hierarchical Information	C		999

Segment: **LIN** Line Item
Position: 1150 (Trigger Segment)
Group: SG16-SG33
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the line item (or sub-line item in a configuration).

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	O
		Application-generated number of the lines within the PRICAT message.		
1229		ACTION REQUEST/NOTIFICATION, CODED	C an..3	D
		Dependency rule: this action code is required if BGM data element 1225 = "9", otherwise ignored.		
		1	Added	
		2	Deleted	
		3	Changed	
		1E	Correction of Error (EAN code)	
		38	Replace	
C212		ITEM NUMBER IDENTIFICATION	C	R
	7140	Item number	C an..35	R
		Primary GTIN		
		Format an..14 (UPC-8, UPC-12, EAN-8, EAN-13 or EAN-14)		
	7143	Item number type, coded	C an..3	O
		EN	International Article Numbering Association (EAN)	
	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

Segment: **PIA** Additional Product Id
Position: 1160
Group: SG16-SG33
Level: 3
Usage: Conditional (Required)
Max Use: 10
Purpose: A segment for identifying a product in the Price Catalogue.
Notes: This segment is used for the Product ID (style number), vendor internal product number, substituted item and UNSPSC code.

Examples:
 PIA+4+9312345000005:EN'
 (substituted item)

PIA+1+50141505:GD::6+SKU123:MF'
 (UNSPSC code 50141505 and Vendor's Internal Reference)

Note: subsequent occurrences of C212 may be used within one occurrence of the PIA segment (see examples). Note data elements 7140/7143 in those subsequent C212s are only Required if the parent C212 is used.

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
4347		PRODUCT ID. FUNCTION QUALIFIER	M an..3	M
		1 Additional identification		
		4 Substituted for		
		5 Product identification		
C212		ITEM NUMBER IDENTIFICATION	M	M
	7140	Item number	C an..35	R
	7143	Item number type, coded	C an..3	R
		EN International Article Numbering Association (EAN)		
		GD Classification code		
		UNSPSC code		
		GU Product ID (style number)		
		MF Manufacturer's (producer's) article number		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	D
		Dependency rule: Required only when data element 7143 = "GD"		
		6 UN/ECE (United Nations - Economic Commission for Europe)		
C212		ITEM NUMBER IDENTIFICATION	C	O
		See C212 above for details		
	7140	Item number	C an..35	R
	7143	Item number type, coded	C an..3	R
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	D
		6 UN/ECE (United Nations - Economic Commission for Europe)		
C212		ITEM NUMBER IDENTIFICATION	C	O
	7140	Item number	C an..35	R
	7143	Item number type, coded	C an..3	R
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	D
		6 UN/ECE (United Nations - Economic Commission for Europe)		
C212		ITEM NUMBER IDENTIFICATION	C	O
	7140	Item number	C an..35	R
	7143	Item number type, coded	C an..3	R
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	D
		6 UN/ECE (United Nations - Economic Commission for Europe)		
C212		ITEM NUMBER IDENTIFICATION	C	O
	7140	Item number	C an..35	R
	7143	Item number type, coded	C an..3	R
	1131	Code list qualifier	C an..3	X

3055	Code list responsible agency, coded	C	an..3	D
	6	<i>UN/ECE (United Nations - Economic Commission for Europe)</i>		

Segment: **IMD** Item Description
Position: 1170
Group: SG16-SG33
Level: 3
Usage: Conditional (Required)
Max Use: 999
Purpose: A segment for describing the product or service as well as its characteristics. This segment should be used for products or services that cannot be identified by a product code or article number.
Notes: This segment is required at least for the mandatory (short) style description, GTIN description and colour code description.

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	R
		<i>A Free-form long description</i>		
		<i>D Free-form price look up</i>		
		<i>E Free-form short description</i>		
		<i>F Free-form</i>		
7081		ITEM CHARACTERISTIC, CODED	C an..3	O
		35 <i>Colour</i>		
		98 <i>Size</i>		
		E.g. 400LT FRIDGE OR 35CM T.V.		
		<i>BRN Brand/Trade Name (EAN Code)</i>		
		<i>DSC GTIN Description (EAN code)</i>		
		<i>TPE Variant (EAN code)</i>		
C273		ITEM DESCRIPTION	C	O
	7009	Item description identification	C an..17	R
		<i>CU Consumer Unit</i>		
		For POS information display.		
		<i>IN Invoice unit indicator</i>		
		<i>IT Intermediate Unit</i>		
		<i>OPL Product ID (Style) description</i>		
		<i>ORU Ordering Unit</i>		
		<i>TU Traded Unit</i>		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	O
		9 <i>EAN (International Article Numbering association)</i>		
		60 <i>Assigned by national trade agency</i>		
		90 <i>Assigned by manufacturer</i>		
	7008	Item description	C an..35	O
		Short product, colour and size descriptions, or 1st 35 characters of long description, extended description, brand, variant, long cash register description, NSN		
	7008	Item description	C an..35	O
		2nd 35 characters of long description, extended description, brand or variant, or short cash register description		
	3453	Language, coded	C an..3	O
		<i>EN English</i>		
7383		SURFACE/LAYER INDICATOR, CODED	C an..3	X

Segment: **MEA** Measurements
Position: 1180
Group: SG16-SG33
Level: 3
Usage: Conditional (Required)
Max Use: 10
Purpose: A segment to allow physical measurements and dimensions to be stated, where this is required for identification of the product.
Notes: Example:
 MEA+PD+HT+MMT:100' (Height of item = 100millimetres)

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT APPLICATION QUALIFIER	M an..3	M
		<i>AAE</i> <i>Measurement</i>		
				The measurement specified will be the item in its transport state i.e. the boxed or packaged dimensions.
		<i>CT</i> <i>Counts</i>		
		<i>PD</i> <i>Physical dimensions (product ordered)</i>		
				The physical dimension relates to the actual dimension of the appliance unit, which has been unboxed or uncrate, i.e. all packaging has been removed.
		<i>SV</i> <i>Specification value</i>		
				The specification value relates to the installation measurements necessary for the item to be operational. The specification value measurements will usually be larger than the physical dimensions, but not in all instances.
		<i>UC</i> <i>Useable contents (EAN code)</i>		
C502		MEASUREMENT DETAILS	C	R
	6313	Measurement dimension, coded	C an..3	R
		<i>AAA</i> <i>Unit net weight</i>		
		<i>AAB</i> <i>Unit gross weight</i>		
		<i>AAQ</i> <i>Power consumption</i>		
		<i>ABJ</i> <i>Volume</i>		
		<i>CT</i> <i>Contents of package</i>		
				Required code
		<i>DP</i> <i>Depth</i>		
		<i>HT</i> <i>Height dimension</i>		
		<i>LAY</i> <i>Number of layers of next lower level per pack</i>		
		<i>NPL</i> <i>Number of pallet layers</i>		
		<i>NUL</i> <i>Trade items per pallet layer</i>		
		<i>NUP</i> <i>Number of trade items per pallet</i>		
		<i>PDP</i> <i>Pallet depth (breath)</i>		
		<i>PEH</i> <i>Horizontal peg</i>		
		<i>PEV</i> <i>Vertical peg</i>		
		<i>PHT</i> <i>Pallet height</i>		
		<i>PNW</i> <i>Pallet net weight</i>		
		<i>PVO</i> <i>Pallet volume</i>		
		<i>PWD</i> <i>Pallet width (length)</i>		
		<i>UCO</i> <i>Units per Package (EAN code)</i>		
				Required code
		<i>WD</i> <i>Width dimension</i>		
		<i>X1E</i> <i>Number of next lower level units in width of layer</i>		
		<i>X2E</i> <i>Number of next lower level units in depth of layer</i>		
	6321	Measurement significance, coded	C an..3	X
	6155	Measurement attribute, coded	C an..3	X
	6154	Measurement attribute	C an..70	X
C174		VALUE/RANGE	C	R
	6411	Measure unit qualifier	M an..3	M
		<i>CMQ</i> <i>Cubic centimetre</i>		
		<i>CMT</i> <i>Centimetre</i>		
		<i>DMT</i> <i>Decimetre</i>		

	<i>DZ</i>	<i>Dozen</i>			
	<i>EA</i>	<i>Each</i>			
	<i>FOT</i>	<i>Foot</i>			
	<i>GLI</i>	<i>Gallon</i>			
	<i>GRM</i>	<i>Gram</i>			
	<i>INH</i>	<i>Inch</i>			
	<i>KGM</i>	<i>Kilogram</i>			
	<i>LTR</i>	<i>Litre</i>			
	<i>MC</i>	<i>Microgram</i>			
	<i>MGM</i>	<i>Milligram</i>			
	<i>MIN</i>	<i>Minute</i>			
	<i>MLT</i>	<i>Millilitre</i>			
	<i>MMQ</i>	<i>Cubic millimetre</i>			
	<i>MMT</i>	<i>Millimetre</i>			
	<i>MTQ</i>	<i>Cubic metre</i>			
	<i>MTR</i>	<i>Metre</i>			
	<i>ONZ</i>	<i>Ounce GB, US</i>			
	<i>PI</i>	<i>Percentage</i>			
	<i>PCE</i>	<i>Pieces</i>			
	<i>PND</i>	<i>Pound (EAN code)</i>			
	<i>PR</i>	<i>Pair</i>			
	<i>PTI</i>	<i>Pint (UK)</i>			
	<i>PTN</i>	<i>Portion (EAN code)</i>			
	<i>ST</i>	<i>Sheet</i>			
6314	Measurement value		C	n..18	R
	Numeric measurement value				
6162	Range minimum		C	n..18	X
6152	Range maximum		C	n..18	X
6432	Significant digits		C	n..2	X
7383	SURFACE/LAYER INDICATOR, CODED		C	an..3	X

Segment: **QTY** Quantity
Position: 1190
Group: SG16-SG33
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment to specify pertinent quantities related to the specified price item line, e.g. minimum order 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
		52 <i>Quantity per pack</i>		
		53 <i>Minimum order quantity</i>		
		43E <i>Order quantity multiple (EAN Code)</i>		
	6060	Quantity	M n..15	M
	6411	Measure unit qualifier	C an..3	O
		CMQ <i>Cubic centimetre</i>		
		CMT <i>Centimetre</i>		
		DMT <i>Decimetre</i>		
		DZ <i>Dozen</i>		
		EA <i>Each</i>		
		FOT <i>Foot</i>		
		GLI <i>Gallon</i>		
		GRM <i>Gram</i>		
		INH <i>Inch</i>		
		KGM <i>Kilogram</i>		
		LTR <i>Litre</i>		
		MC <i>Microgram</i>		
		MGM <i>Milligram</i>		
		MIN <i>Minute</i>		
		MLT <i>Millilitre</i>		
		MMQ <i>Cubic millimetre</i>		
		MMT <i>Millimetre</i>		
		MTQ <i>Cubic metre</i>		
		MTR <i>Metre</i>		
		ONZ <i>Ounce GB, US</i>		
		PI <i>Percentage</i>		
		PCE <i>Pieces</i>		
		PND <i>Pound (EAN code)</i>		
		PR <i>Pair</i>		
		PTI <i>Pint (UK)</i>		
		PTN <i>Portion (EAN code)</i>		
		ST <i>Sheet</i>		

Segment: **HAN** Handling Instructions
Position: 1200
Group: SG16-SG33
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment providing information on required handling of materials in the line item, and additionally, if required, notifying hazardous materials.

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C524		HANDLING INSTRUCTIONS	C	O
	4079	Handling instructions, coded	C an..3	O
		<i>HAC Class number</i>		
		<i>HAH Hazchem code</i>		
		<i>HAP Packaging group</i>		
		<i>HAS Subsidiary risk</i>		
		<i>STR Stacking restricted (EAN Code)</i>		
		<i>UPR Up right/standing</i>		
		1131 Code list qualifier	C an..3	O
		3055 Code list responsible agency, coded	C an..3	O
	9 <i>EAN (International Article Numbering association)</i>			
C218	4078	Handling instructions	C an..70	X
		HAZARDOUS MATERIAL	C	X
	7419	Hazardous material class code, identification	C an..4	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X

Segment: **ALI** Additional Information
Position: 1210
Group: SG16-SG33
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment specifying the relevant additional information for an item, e.g. country of origin.
Notes: USED FOR STATUS OF PRODUCT AVAILABILITY
 Example: ALI+++49E'

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
3239		COUNTRY OF ORIGIN, CODED	C an..3	X
9213		TYPE OF DUTY REGIME, CODED	C an..3	X
4183		SPECIAL CONDITIONS, CODED	C an..3	R
		<i>49E Export Only (EAN code)</i>		
		<i>54E No sale or return (EAN Code)</i>		
		<i>64E Sale or return (EAN Code)</i>		
		<i>84E New, announcement only (EAN Code)</i>		
		<i>85E New, available (EAN Code)</i>		
		<i>86E Obsolete (EAN Code)</i>		
		<i>92E Discontinued (EAN Code)</i>		
		<i>94E Deletion, announcement only (EAN Code)</i>		
4183		SPECIAL CONDITIONS, CODED	C an..3	X
4183		SPECIAL CONDITIONS, CODED	C an..3	X
4183		SPECIAL CONDITIONS, CODED	C an..3	X
4183		SPECIAL CONDITIONS, CODED	C an..3	X

Segment: **DTM** Date/Time/Period
Position: 1220
Group: SG16-SG33
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment specifying the date, and when relevant, the time or period of an activity identified by the date/time/period qualifier. e.g. expiration date of the price/sales catalogue for the price item line.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507	2005	DATE/TIME/PERIOD Date/time/period qualifier	M M an..3	M M
		7 <i>Effective date/time</i> Effective date when ordering of product may commence. If not provided will default to the current date.		
		157 <i>Validity start date</i> Public Release Date Date when static item data is publicly released Dependency rule: must be specified if the Trading Partner Release date is specified and it must be within 180 days.		
		169 <i>Lead time</i>		
		261 <i>Release date/time</i> Trading Partner Release Date Date when item is viewable. This date is conditionally required; it must be specified if the Public Release date (code 157) is specified and it must be no more than 180 prior.		
	2380	362 Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R
		102 CCYYMMDD		
		203 CCYYMMDDHHMM		

Group: **TAX** Segment Group 35: Duty/Tax/Fee Details
Position: 1320
Group: Segment Group 33 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Required)
Max Use: 10
Purpose: A group of segments specifying a tax type, category and rate relating to the 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	1330	TAX	Duty/Tax/Fee Details	M	1	

Segment: **TAX** Duty/Tax/Fee Details
Position: 1330 (Trigger Segment)
Group: SG16-SG33-SG35
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying a tax type, category and rate, or exemption.

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5283		DUTY/TAX/FEE FUNCTION QUALIFIER	M an..3	M
		7 Tax		
C241		DUTY/TAX/FEE TYPE	C	R
	5153	Duty/tax/fee type, coded	C an..3	R
		GST Goods and services tax		
		Australian GST		
	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	R
	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 GSTrate.		
	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

Group: **PRI** Segment Group 37: Price Details
Position: 1380
Group: Segment Group 33 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 100
Purpose: A group of segments identifying the details of the price information for the product or service identified in the PIT segment group.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1390	PRI	Price Details	M	1	
O	1400	CUX	Currencies	C	1	
O	1410	APR	Additional Price Information	C	1	
O	1430	DTM	Date/Time/Period	C	5	
O	1435	LOC	Place/Location Identification	C	99	

Segment: **PRI** Price Details
Position: 1390 (Trigger Segment)
Group: SG16-SG33-SG37
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment providing either the unit or reference price and the price type, valid for the pricing group.
Notes: Examples:

PRI+AAB+50.00:CA:LIU:1:EA' (List price)
 PRI+AAA+46.00:CA:INV:1:EA' (Invoice price)
 PRI+AAA+29.00:CA:PRP:1:EA' (Promotional price)
 PRI+INF+75.00:CA:SRP:1:EA' (Suggested retail price)

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
C509		PRICE INFORMATION	C	R
	5125	Price qualifier	M an..3	M
		<i>AAA</i>		<i>Calculation net</i> Used for both invoice price and promotional price. The price stated is the net price including allowances/charges and excluding taxes. This is the net invoice price for the item.
		<i>AAB</i>		<i>Calculation gross</i> List price
		<i>INF</i>		<i>Information</i> Suggested retail
		<i>NTP</i>		<i>Calculation net - including taxes (EAN Code)</i> The price stated is the net price including allowances and charges, AND including taxes.
	5118	Price	C n..15	R
	5375	Price type, coded	C an..3	R
		<i>CA</i>		<i>Catalogue</i>
	5387	Price type qualifier	C an..3	R
		<i>EUP</i>		<i>Expected unit price</i> Code EUP relates to the last cost i.e. Last Cost=Invoice price - deferred allowances
		<i>INV</i>		<i>Invoice price</i> Invoice Price = List price - warehouse allowance - ullage + delivery charges
		<i>LIU</i>		<i>List price (EAN code)</i> List price=gross cost not accounting for allowances, deferred allowances and delivety charges
		<i>PRP</i>		<i>Promotional price</i> Promotional price=Invoice Price - Promotional Allowances
		<i>SRP</i>		<i>Suggested retail price</i> Manufacturer's suggested retail price
	5284	Unit price basis	C n..9	R
	6411	Measure unit qualifier	C an..3	R
		<i>CMQ</i>		<i>Cubic centimetre</i>
		<i>CMT</i>		<i>Centimetre</i>
		<i>DMT</i>		<i>Decimetre</i>
		<i>DZ</i>		<i>Dozen</i>
		<i>EA</i>		<i>Each</i>
		<i>FOT</i>		<i>Foot</i>
		<i>GLI</i>		<i>Gallon</i>
		<i>GRM</i>		<i>Gram</i>
		<i>INH</i>		<i>Inch</i>
		<i>KGM</i>		<i>Kilogram</i>
		<i>LTR</i>		<i>Litre</i>
		<i>MC</i>		<i>Microgram</i>
		<i>MGM</i>		<i>Milligram</i>

Applie-com Message Implementation Guidelines

	<i>MIN</i>	<i>Minute</i>		
	<i>MLT</i>	<i>Millilitre</i>		
	<i>MMQ</i>	<i>Cubic millimetre</i>		
	<i>MMT</i>	<i>Millimetre</i>		
	<i>MTQ</i>	<i>Cubic metre</i>		
	<i>MTR</i>	<i>Metre</i>		
	<i>ONZ</i>	<i>Ounce GB, US</i>		
	<i>PI</i>	<i>Percentage</i>		
	<i>PCE</i>	<i>Pieces</i>		
	<i>PND</i>	<i>Pound (EAN code)</i>		
	<i>PR</i>	<i>Pair</i>		
	<i>PTI</i>	<i>Pint (UK)</i>		
	<i>PTN</i>	<i>Portion (EAN code)</i>		
	<i>ST</i>	<i>Sheet</i>		
5213	SUB-LINE PRICE CHANGE, CODED		C an..3	X

Segment: **CUX** Currencies
Position: 1400
Group: SG16-SG33-SG37
Level: 4
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment identifying the currency in which the price is expressed.
Notes: Optional segment; if not used all prices will be defaulted to Australian Dollars (AUD).

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
		2 <i>Reference currency</i>		
	6345	Currency, coded	C an..3	R
		AUD <i>Australian Dollar</i>		
		CAD <i>Canadian Dollar</i>		
		DEM <i>Deutsche Mark</i>		
		EUR <i>European Euro</i>		
		GBP <i>Great British Pound Sterling</i>		
		HKD <i>Hong Kong Dollar</i>		
	JPY <i>Japanese Yen</i>			
	NZD <i>New Zealand Dollar</i>			
	SGD <i>Singapore Dollar</i>			
	USD <i>US Dollar</i>			
	6343	Currency qualifier	C an..3	R
		8 <i>Price list currency</i>		
	6348	Currency rate base	C n..4	X
C504		CURRENCY DETAILS	C	X
	6347	Currency details qualifier	M an..3	X
	6345	Currency, coded	C an..3	X
	6343	Currency qualifier	C an..3	X
	6348	Currency rate base	C n..4	X
5402		RATE OF EXCHANGE	C n..12	X
6341		CURRENCY MARKET EXCHANGE, CODED	C an..3	X

Segment: **APR** Additional Price Information
Position: 1410
Group: SG16-SG33-SG37
Level: 4
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify additional pricing information related to the class or type of trade and additionally identifying the reason for any change.
Notes: This segment is used to optionally express the reason for a price change.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4043		CLASS OF TRADE, CODED	C an..3	X
C138		PRICE MULTIPLIER INFORMATION	C	X
	5394	Price multiplier	M n..12	X
	5393	Price multiplier qualifier	C an..3	X
C960		REASON FOR CHANGE	C	R
	4295	Change reason, coded	C an..3	R
		<i>JL Job lot</i>		
		<i>NI New item</i>		
		<i>PI Price increase</i>		
		<i>PR Price reduction</i>		
		<i>QB Quantity buy</i>		
		<i>SC Size difference</i>		
		<i>TPR Temporary price reduction</i>		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	R
		<i>60 Assigned by national trade agency</i>		
	4294	Change reason	C an..35	X

Segment: **DTM** Date/Time/Period
Position: 1430
Group: SG16-SG33-SG37
Level: 4
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment to identify the date/time/period information related to the price information, e.g. period of validity.
Notes: This segment is used to provide start and/or end dates relative to the price. These are the dates during which ordering at this price may occur.

Example: DTM+194:20010721:102'
 (Start date is 21st July 2001)

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
		194 Start date/time		
		206 End date/time		
	2380	Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R
		102 CCYYMMDD		

Segment: **LOC** Place/Location Identification
Position: 1435
Group: SG16-SG33-SG37
Level: 4
Usage: Conditional (Optional)
Max Use: 99
Purpose: To identify a country/place/location/related location one/related location two.
Notes: This segment is used to allocate the price to specific trading partners, nominate applicable states and sources of supply relevant to the price.

Examples:
 LOC+8+GLN-of-customer::9' (Customer to whom this price applies)
 LOC+162++VIC::ZZZ' (State for which this price applies)
 LOC+7+++DC::ZZZ' (Price applies for supply to Distribution Centre only)

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
3227		PLACE/LOCATION QUALIFIER	M an..3	M
		7 <i>Place of delivery</i>		
		8 <i>Place of destination</i>		
		Use with GLN(s) of customer(s) to whom this price applies.		
		162 <i>Place or location of sale</i>		
C517		LOCATION IDENTIFICATION	C	D
		Dependency note: must be used when data element 3227 = "8".		
	3225	Place/location identification	C an..25	R
		GLN of customer (n13)		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	O
		9 <i>EAN (International Article Numbering association)</i>		
	3224	Place/location	C an..70	X
C519		RELATED LOCATION ONE IDENTIFICATION	C	D
		Dependency note: must be used when data element 3227 = "162".		
	3223	Related place/location one identification	C an..25	R
		ACT <i>Australian Capital Territory</i>		
		FNQ <i>Far North Queensland</i>		
		NAT <i>National</i>		
		NSW <i>New South Wales</i>		
		NT <i>Northern Territory</i>		
		QLD <i>Queensland</i>		
		SA <i>South Australia</i>		
		TAS <i>Tasmania</i>		
		VIC <i>Victoria</i>		
		WA <i>Western Australia</i>		
		WAC <i>Western Australia Country</i>		
		WAM <i>Western Australia Metro.</i>		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	O
		ZZZ <i>Mutually defined</i>		
	3222	Related place/location one	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION	C	D
		Dependency rule: must be used if data element 3227 = "7".		
	3233	Related place/location two identification	C an..25	R
		Source of supply: the point of delivery to the customer.		
		CD <i>Cross Dock</i>		
		DC <i>Distribution Centre</i>		
		DTS <i>Direct To Store</i>		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	O
		ZZZ <i>Mutually defined</i>		
	3232	Related place/location two	C an..70	X
5479		RELATION, CODED	C an..3	X

Group: **ALC** Segment Group 38: Allowance or Charge
Position: 1450
Group: Segment Group 33 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments specifying allowances and charges for the price item line. When relevant, additional information, date information, tax details may be indicated. The basis for the calculation of the allowance/charge may be a quantity, a percentage, an amount or a rate and one of the groups 39-40 should be used accordingly.
Notes: This ALC group specifies both specific allowances/charges (trade terms) which come off invoice prices only, as well as promotional components which apply to promotional prices only.
 See each code for which may be used where.

Segment Summary

	Pos.	Seg.	Name	Req.	Max.	Group:
	No.	ID		Des.	Use	Repeat
M	1460	ALC	Allowance or Charge	M	1	
O	1480	DTM	Date/Time/Period	C	9	
	1520		Segment Group 40: Percentage Details	C		1
	1550		Segment Group 41: Monetary Amount	C		2

Segment: **ALC** Allowance or Charge
Position: 1460 (Trigger Segment)
Group: SG16-SG33-SG38
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the charge or allowance and, where necessary its calculation sequence.
Notes: Example:
 ALC+A++2+1+ACZ:::001:ALL'
 (Ullage allowance - off invoice, linked back to price cross reference of 001, relevant to ALL trading partners either specified in LOC+8.... segments earlier, else if none, ALL parties nominated as trading partners on EANnet).

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
5463		ALLOWANCE OR CHARGE QUALIFIER	M an..3	M
		A Allowance		
		C Charge		
C552		ALLOWANCE/CHARGE INFORMATION	C	D
		Dependency rule: must be used for promotion number for promotion type prices ie. PRI data element 5387 = PRP.		
	1230	Allowance or charge number	C an..35	R
		Promotion number (customer's).		
	5189	Charge/allowance description, coded	C an..3	O
		32 Courier fee		
4471		SETTLEMENT, CODED	C an..3	O
		2 Off invoice		
		4 Credit customer account		
		5 Charge to be paid by vendor		
		Use for promotions co-op payment.		
		6 Charge to be paid by customer		
		Use for freight charge		
1227		CALCULATION SEQUENCE INDICATOR, CODED	C an..3	R
		1 First step of calculation		
		2 Second step of calculation		
C214		SPECIAL SERVICES IDENTIFICATION	C	R
	7161	Special services, coded	C an..3	R
		Contains either a specific allowance/charge (trading term) code - for invoice prices only, or a promotional component discount - for promotional prices only.		
		ABH Throughput allowance		
		promotion (deferred)		
		ABZ Miscellaneous rebate or discount		
		promotion (deferred)		
		ACZ Damaged merchandise		
		ullage allowance trading term (off invoice)		
		DAE Distributor discount/allowance		
		warehouse allowance trading term (off invoice)		
		EAB Early payment allowance		
		settlement allowance trading term (off invoice)		
		FC Freight charge		
		delivery charge trading term (charge to be paid by customer - 4471 = 6)		
		INT Introduction allowance (EAN code)		
		promotion (off invoice)		
		PAD Promotional allowance		
		promotion (off invoice)		
		PAE Promotional discount		
		promotion (deferred)		
		PAR Partnership allowance (Co-op) (EAN code)		
		promotion (co-op payment - 4471 = 5)		

Applie-com Message Implementation Guidelines

	POS	Point of Sale Scans promotion (deferred)		
	QD	Quantity discount trading term (off invoice)		
	TD	Trade discount trading term (off invoice)		
	TZ	Temporary allowance promotion (off invoice)		
	VAB	Volume discount trading term (off invoice)		
1131	Code list qualifier		C an..3	X
3055	Code list responsible agency, coded		C an..3	D
	Dependency rule: must be used when data element 7161 = "INT" or "PAR" otherwise not used.			
	9	EAN (International Article Numbering association)		
7160	Special service		C an..35	R
	This data element contains a cross reference to the price occurrence number that this allowance applies to.			
	As the ALC loop is outside of the PRI loop (ie. not nested) a price cross reference is the mechanism used to associate the relevant allowances or discounts to the corresponding price.			
	Eg. if the current ALC segment is to be associated with the price in the 4th occurrence of the PRI segment, then the "Price Cross Reference" in this data element value is "004".			
7160	Special service		C an..35	R
	Contains literal string "ALL".			
	This will associate this allowance to "all" your customers which are assigned to this price, or if not a customer-specific price then to "all" of your trading partners			

Segment: **DTM** Date/Time/Period
Position: 1480
Group: SG16-SG33-SG38
Level: 4
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment indicating any dates, times or periods applicable to the allowances and charges specified at detail level.

Notes: This segment is optionally used to indicate Point Of Sale (POS) start/end dates for a promotional price only.

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
		194 <i>Start date/time</i>		
		for selling at POS		
		206 <i>End date/time</i>		
		for selling at POS		
	2380	Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R
		102 <i>CCYYMMDD</i>		

Group: **PCD** Segment Group 40: Percentage Details
Position: 1520
Group: Segment Group 38 (Allowance or Charge) Conditional (Optional)
Level: 4
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A group of segments specifying the percentage for the allowance or charge, e.g. The allowance/charge amount is calculated as 5% of the goods value or a price reduction of 5% may be specified if the goods quantity ordered is within the range 5 tons to 10 tons.
Notes: Dependency rule: PCD loop must be used in the ALC loop if the subsequent MOA is not used, otherwise optional.

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	1530	PCD	Percentage Details	M	1	

Segment: **PCD** Percentage Details
Position: 1530 (Trigger Segment)
Group: SG16-SG33-SG38-SG40
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the percentage and the percentage basis for the calculation of the allowance or charge.

Data Element Summary			Base	User
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
C501		PERCENTAGE DETAILS	M	M
	5245	Percentage qualifier 3 <i>Allowance or charge</i>	M an..3	M
	5482	Percentage Percentage of allowance or charge provided in the associated ALC segment. Format (3).(3).	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

Group: **MOA** Segment Group 41: Monetary Amount
Position: 1550
Group: Segment Group 38 (Allowance or Charge) Conditional (Optional)
Level: 4
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.
Notes: Dependency rule: MOA loop must be used in the ALC loop if the earlier PCD is not used, otherwise optional.

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	1560	MOA	Monetary Amount	M	1	

Segment: **MOA** Monetary Amount
Position: 1560 (Trigger Segment)
Group: SG16-SG33-SG38-SG41
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the monetary amount for the allowance or charge.

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT	M	M
	5025	Monetary amount type qualifier	M an..3	M
		23 <i>Charge amount</i>		
		204 <i>Allowance amount</i>		
	5004	Monetary amount	C n..18	R
		Amount of allowance or charge, including decimal point as required - format (13).(2).		
	6345	Currency, coded	C an..3	X
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

Group: **PAC** Segment Group 44: Package
Position: 1640
Group: Segment Group 33 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments identifying the packaging, physical dimensions, for the Price item line. If required, providing handling instructions and notification of hazardous materials.
Notes: Optionally used to specify packaging type and material.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1650	PAC	Package	M	1	

Segment: **PAC** Package
Position: 1650 (Trigger Segment)
Group: SG16-SG33-SG44
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the physical type of packages for the Price item line.
Notes: Example:
PAC+++BG:::PA' (Paper Bag)
PAC+++CT:::CFB' (Corrugated fibreboard Carton)

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7224		NUMBER OF PACKAGES	C n..8	X
C531		PACKAGING DETAILS	C	X
	7075	Packaging level, coded	C an..3	X
	7233	Packaging related information, coded	C an..3	X
	7073	Packaging terms and conditions, coded	C an..3	X
C202		PACKAGE TYPE	C	R
	7065	Type of packages identification	C an..17	R
		<i>AE Aerosol</i>		
		<i>AT Atomizer</i>		
		<i>BA Barrel</i>		
		<i>BG Bag</i>		
		<i>BME Blister pack (EAN code)</i>		
		<i>BO Bottle</i>		
		<i>BX Box</i>		
		<i>CG Card</i>		
		<i>CH Container</i>		
		<i>CMS Clamshell</i>		
		<i>CR Crate</i>		
		<i>CT Carton</i>		
		<i>CU Cup</i>		
		<i>CX Can</i>		
		<i>CY Cylinder</i>		
		<i>D99 Sleeve</i>		
		<i>DR Drum</i>		
		<i>EN Envelope (sachet)</i>		
		<i>JR Jar</i>		
		<i>LAB Label / Tag</i>		
		<i>MPE Multipack (EAN code)</i>		
		<i>NE Unpacked or Unpackaged (loose/bulk)</i>		
		<i>PA Packet</i>		
		<i>PK Package</i>		
		<i>PL Pail (bucket)</i>		
		<i>PO Pouch</i>		
		<i>PU Tray</i>		
		<i>PUN Punnet</i>		
		<i>SO Spool</i>		
		<i>TB Tub</i>		
		<i>TEV Tamper Evident</i>		
		<i>TU Tube</i>		
		<i>UVQ Wrapped in plastic sheet</i>		
		<i>VI Vial</i>		
		<i>VP Vacuum packed</i>		
		<i>XI Pallet (EAN code)</i>		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	7064	Type of packages	C an..35	O
		Package material type		
		<i>AL Aluminium</i>		
		<i>CE Ceramic</i>		

	<i>CFB</i>	<i>Corrugated Fibreboard</i>		
	<i>CL</i>	<i>Cloth</i>		
	<i>COM</i>	<i>Composite</i>		
	<i>FL</i>	<i>Flexible</i>		
	<i>GL</i>	<i>Glass</i>		
	<i>HE</i>	<i>Hessian</i>		
	<i>PA</i>	<i>Paper</i>		
	<i>PB</i>	<i>Paperboard</i>		
	<i>PM</i>	<i>Plastic Mould</i>		
	<i>PP</i>	<i>Pulp paperboard</i>		
	<i>PS</i>	<i>Plastic sheet</i>		
	<i>RBP</i>	<i>Rigid barrier plastic</i>		
	<i>RM</i>	<i>Rigid metal</i>		
	<i>RP</i>	<i>Rigid plastic</i>		
	<i>ST</i>	<i>Steel</i>		
	<i>WP</i>	<i>Wood</i>		
C402		PACKAGE TYPE IDENTIFICATION	C	X
	7077	Item description type, coded	M an..3	X
	7064	Type of packages	M an..35	X
	7143	Item number type, coded	C an..3	X
	7064	Type of packages	C an..35	X
	7143	Item number type, coded	C an..3	X
C532		RETURNABLE PACKAGE DETAILS	C	X
	8395	Returnable package freight payment responsibility, coded	C an..3	X
	8393	Returnable package load contents, coded	C an..3	X

Group: **HYN** Segment Group 48: Hierarchical Information
Position: 1785
Group: Segment Group 33 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 999
Purpose:

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1786	HYN	Hierarchical Information	M	1	
R	1788	QTY	Quantity	C	1	

Segment: **HYN** Hierarchical Information
Position: 1786 (Trigger Segment)
Group: SG16-SG33-SG48
Level: 3
Usage: Mandatory
Max Use: 1
Purpose:
Notes: This segment is used to provide the GTIN of the next lower level product.

Note the sequence of GTINs created via the LIN segment is important when a next lower level GTIN (via HYN) is to be linked. This next lower level GTIN must already exist in an earlier LIN segment

Example:
HYN+P+C+1+9312345000012:EN'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7173		HIERARCHY OBJECT CODE QUALIFIER	M an..3	M
		<i>P Product Hierarchy</i>		
7171		HIERARCHICAL STRUCTURE RELATIONSHIP CODE	C an..3	R
		<i>C Child</i>		
1229		ACTION REQUEST/NOTIFICATION, CODED	C an..3	R
		<i>1 Added</i>		
		<i>2 Deleted</i>		
C212		ITEM NUMBER IDENTIFICATION	C	R
	7140	Item number	C an..35	R
		GTIN of next lower level		
	7143	Item number type, coded	C an..3	R
		<i>EN International Article Numbering Association (EAN)</i>		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
7166		HIERARCHICAL PARENT ID.	C an..12	X

Segment: **QTY** Quantity
Position: 1788
Group: SG16-SG33-SG48
Level: 4
Usage: Conditional (Required)
Max Use: 1

Purpose: To specify a pertinent quantity.

Notes: This QTY segment is Required within the HYN loop. Specifies the quantity of GTINs identified in the preceding HYN segment.

Example:
 QTY+17E:6:EA'

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 <i>17E</i>	M an..3	M
		<i>Number of units in lower packaging or configuration level (next lower level). (EAN code)</i>		
	6060	Quantity	M n..15	M
	6411	Measure unit qualifier <i>EA</i>	C an..3	R
		<i>Each</i>		

Segment: **UNT** Message Trailer
Position: 1790
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: Example: UNT+56+ME000001'

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, including the UNH and UNT in the message.		
0062		MESSAGE REFERENCE NUMBER	M an..14	M
		The message reference number here must match the one specified in the corresponding UNH segment.		

Segment: **UNZ** Interchange Trailer
Position: 1800
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of an interchange.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0036		INTERCHANGE CONTROL COUNT	M n..6	M
		Number of messages within the interchange (may be one or multiple).		
0020		INTERCHANGE CONTROL REFERENCE	M an..14	M
		Identical to data element 0020 in UNB segment.		

13.0 Sample Applicom PRICAT Message

Example: One new line advice

UN/EDIFACT DATA LAYOUT	DESCRIPTION
UNH+ME000001+PRICAT:D:96A:UN:EAN006'	Message header
BGM+9+PC32458+9'	Price/sales catalogue number PC32458
DTM+137:20011001:102'	Message date 1st October 2001
NAD+BY+5412345000020::9'	Buyer is identified by the EAN location number 5412345000020
RFF+AMT:12345678901'	Buyer's Australian Business Number 12345678901
NAD+SU+4012345500004::9'	Supplier is identified by the EAN location number 4012345500004
RFF+AMT:67111222333'	Supplier's Australian Business Number 67111222333
PGI+11+001::90:CONSUMER GOODS'	Product group assigned by Manufacturer is Consumer Goods
LIN+1+1+5410738377131:EN'	Line item 1, an addition, is identified by EAN article number 5410738377131
PIA+1+CU32555:MF'	Manufacturer's article number CU32555 is provided as an additional identification
IMD+C++CU'	Current line item is a consumer unit
IMD+F+DSC+CU::U BEAUT TOASTER'	Product description, for the consumer unit
MEA+PD+HT+MMT:300'	The height is 300mm
MEA+PD+DP+MMT:250'	The depth is 250mm
MEA+PD+WD+MMT:450'	The width is 450mm
QTY+52:1'	Quantity per pack is one
HAN+UPR'	The product should be up right/standing
ALI+++85E'	The product is new and is available
DTM+7:20011101	The product is available for order on 1 st November 2001
TAX+7+GST++++:10'	The product is subject to a 10% GST tax rate
PRI+AAA:40:CA:INV'	The invoice price including allowances/charges but excluding and tax, is 40
LOC+162++NAT::ZZZ'	The price applies nationally where the product is sold
PAC+++BX'	The consumer unit is packaged in a box
UNT+24+ME000001'	Message trailer - 24 segments in the message