



Australia  
(Formerly EAN Australia)

# Australasian Retail Grocery Industry Despatch Advice Message

Message  
Implementation  
Guideline  
Based on the  
EANCOM 2002  
Guideline using  
UN/EDIFACT  
directory D.01B

Version 1.0

# Document Change Control

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# Document History/Summary of Changes

Version	Date	Revision Comments



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These EDI Message Implementation Guidelines (MIGs) should be read in conjunction with the GS1 EDI standards manual, EANCOM® 2002, which is available on CD-ROM from GS1 Australia.

# Acknowledgements

The development of these EDI Message Implementation Guidelines were originally sponsored by the Grocery Industry Supply Chain Committee (now ECR Australasia), but later broaden to include sponsorship from the Australian Retailers' Association Electronic Commerce Committee.

These EDI MIGs, called the Australasian Grocery Retail Industry Message Implementation Guidelines have been developed after also considering the retail requirements of New Zealand.

This version of the Message Implementation Guidelines has been produced using the EDISIM® software product from FORESIGHT, under its Guidelines for Industry Program. GS1 Australia acknowledges the assistance of Leadtec Systems, the representatives of Foresight in Australia and New Zealand.

The Working Group members include the following organisations:

- |  |  |
|--|--|
| <ul style="list-style-type: none"><li>• GS1 Australia</li><li>• Coles Myer Limited</li><li>• Woolworths Limited</li><li>• Nestle</li><li>• Metcash</li></ul> |  |
|--|--|

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# Disclaimer

Every possible effort has been made to ensure that the information and specifications in this document are correct, however GS1 Australia expressly disclaim liability for any errors. In addition, no warranty or representation is made that this document will not require modification due to developments in new business practice, technology, changes or additions to the GS1 System.



# Notes

## Indicators

The segments are presented in the sequence in which they appear in the message. The segment or segment group tag is followed by the Segment Description, the Base Status (M)andatory / (C)onditional indicator, the User Status, and the maximum number of occurrences.

(M)andatory data elements in EDIFACT segments retain their status in EANCOM, but reflected in this document with (R)equired implying Mandatory

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

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

Code Lists:

This is an EANCOM restricted code list A data element annotated as such indicates that the listed codes are the only codes available for use with this data element, in this segment, in this message.

## Communicating EAN.UCC trade item numbers

When communicating EAN or UCC trade item numbers:

- Only the significant leading zeros in the number should be transmitted.
- There is no need to fill out the GTIN fields to 14 characters when sending the message.

For example: If the GTIN is an EAN-8 it should be represented in just the eight digits.



## Format and picture of data elements

The following conventions apply in the present documentation:

Character type:

a :alphabetic characters  
n :numeric characters  
an :alpha-numeric characters

Size:

Fixed : all positions must be used  
Variable : positions may be used up to a specified maximum

Examples:

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



# DESADV Despatch Advice Message

## Notes:

*This Message Implementation Guide (MIG) is based on the EANCOM2002 Australian Retail Industry Implementation Guidelines for the Despatch Advice Message derived from the international UN/EDIFACT directory D.01B. Visit the GS1 Australia website at [http://www.gs1au.org/library/\\_Library.asp](http://www.gs1au.org/library/_Library.asp) or contact GS1 Help Desk for more information or download all other standard guidelines used by the Australian Retail Industry.*

*This MIG is designed specifically to support all models and scenarios of the delivery of a shipment to an entry point of a distribution network, inclusive of a Regional or a National Distribution Centre (RDC or NDC), where ultimate destination (Ultimate Consignee) may be reached via the freight forwarding facilities.*

*This implementation supports the following delivery scenarios into the Retail Grocery supply chain network.*

- 1) Delivery to a Distribution Centre for Stocked Items.
- 2) Delivery to a Distribution Centre for Flow Through Items.

## Heading Section:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
0010	UNH	Message Header	M	M	1		
0020	BGM	Beginning of Message	M	M	1		
0030	DTM	Date/Time/Period	C	R	10		
0040	ALI	Additional Information	C	D	5		
0060	MOA	Monetary Amount	C	R	5		
0080		Segment Group 1	C	R		1	
0090	RFF	Reference	M	M	1		
0100	DTM	Date/Time/Period	C	O	9		
0110		Segment Group 2	C	R		3	
0120	NAD	Name and Address	M	M	1		
0130	LOC	Place/Location Identification	C	D	1		
0170		Segment Group 4	C	O		10	
0180	CTA	Contact Information	M	M	1		
0190	COM	Communication Contact	C	O	5		
0310		Segment Group 8	C	O		10	
0320	EQD	Equipment Details	M	M	1		
0330	MEA	Measurements	M	M	2		

## Detail Section:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
0390		Segment Group 10	C	R		9999	
0400	CPS	Consignment Packing Sequence	M	M	1		
0430		Segment Group 11	C	R		9999	
0440	PAC	Package	M	M	1		
0450	MEA	Measurements	C	R	10		
0460	QTY	Quantity	C	O	10		



0500		Segment Group 13	C	R	1000
0510	PCI	Package Identification	M	M	1
0530	DTM	Date/Time/Period	C	O	1
0570		Segment Group 15	C	R	1
0580	GIN	Goods Identity Number	M	M	1
0650		Segment Group 17	C	D	9999
0660	LIN	Line Item	M	M	1
0670	PIA	Additional Product Id	C	O	10
0690	MEA	Measurements	C	O	10
0700	QTY	Quantity	C	O	10
0750	DTM	Date/Time/Period	C	O	5
0920		Segment Group 20	C	O	100
0930	LOC	Place/Location Identification	M	M	1
0960	QTY	Quantity	C	O	10
1000		Segment Group 22	C	O	9999
1010	PCI	Package Identification	M	M	1
1020	DTM	Date/Time/Period	C	O	5
1030	MEA	Measurements	C	O	10
1040	QTY	Quantity	C	O	1
1050		Segment Group 23	C	O	10
1060	GIN	Goods Identity Number	M	M	1
1080		Segment Group 24	C	O	10
1090	HAN	Handling Instructions	M	M	1
1100	FTX	Free Text	C	O	5
1110	GIN	Goods Identity Number	C	O	1000
1120		Segment Group 25	C	O	10
1130	QVR	Quantity Variances	M	M	1
1140	DTM	Date/Time/Period	C	O	5

**Summary Section:**

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
1150	CNT	Control Total	C	R	1		
1160	UNT	Message Trailer	M	M	1		
1180	UNZ	Interchange Trailer	M	M	1		



**Segment:** **UNH** Message Header  
**Position:** 0010  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment starting and uniquely identifying a message. The message type code for the Despatch advice message is DESADV.

**Notes:** *Segment Notes:*  
 DE's 0065, 0052, 0054 and 0051 indicate that the message is an UNSM Despatch Advice Message based on the D.01B directory that is under control of the United Nations.  
*Example:*  
 UNH+0001+DESADV:D:01B:UN:EAN007'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0062		<b>MESSAGE REFERENCE NUMBER</b> Unique message reference assigned by the sender. <i>Senders unique message reference. Sequence number of the message in the interchange. DE 0062 in the UNH segment will be exactly the same as in the UNT segment. Sender generated.</i>	M 1 an..14	M
S009		<b>MESSAGE IDENTIFIER</b> Identification of the type, version etc. of the message being interchanged.	M 1	M
0065		<b>Message type identifier</b> Code identifying a type of message and assigned by its controlling agency. <i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i> <b>DESADV</b> <i>Despatch advice message</i> <i>A code to identify the despatch advice message.</i> <i>The United Nations Despatch Advice Message serves as both a specification for Delivery Despatch Advice and also as a Returns Despatch Advice.</i>	M an..6	M
0052		<b>Message type version number</b> Version number of a message type. <i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i> <b>D</b> <i>Draft version/UN/EDIFACT Directory</i> <i>Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).</i>	M an..3	M
0054		<b>Message type release number</b> Release number within the current message type version number (0052). <i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i> <b>01B</b> <i>Release 2001 - B</i> <i>Message approved and issued in the second 2001 release of the UNTDID (United Nations Trade Data Interchange Directory).</i>	M an..3	M
0051		<b>Controlling agency</b> Code identifying the agency controlling the specification, maintenance and publication of the message type. <i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i> <b>UN</b> <i>UN/CEFACT</i> <i>United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).</i>	M an..2	M
0057		<b>Association assigned code</b> Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. <i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>	C an..6	R



	<i>EAN007</i>	<i>EAN version control number</i>		
<b>0068</b>	<b>COMMON ACCESS REFERENCE</b>	<b>C</b>	<b>1 an..35</b>	<b>X</b>
	Reference serving as a key to relate all subsequent transfers of data to the same business case or file.			
<b>S010</b>	<b>STATUS OF THE TRANSFER</b>	<b>C</b>	<b>1</b>	<b>X</b>
	Statement that the message is one in a sequence of transfers relating to the same topic.			
<b>0070</b>	<b>Sequence message transfer number</b>	<b>M</b>	<b>n..2</b>	<b>X</b>
	Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.			
<b>0073</b>	<b>First/last sequence message transfer indication</b>	<b>C</b>	<b>a1</b>	<b>X</b>
	Indication used for the first and last message in a sequence of the same type of message relating to the same topic.			



**Segment:** **BGM** Beginning of Message  
**Position:** 0020  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for unique identification of the Despatch Advice document, by means of its name and its number.

**Notes:** *Segment Notes:*

*All references other than the document number (DE 1004) are to be put in the RFF segment.*

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

*Example:*

*BGM+351+DEES1345345'*

*Dependency notes:*

*Data element 3055 is only included with the EAN Code value 35E or YA5 to indicate returns advice is used.*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C002		<b>DOCUMENT/MESSAGE NAME</b>	C 1	R
		Identification of a type of document/message by code or name. Code preferred.		
	1001	<b>Document name code</b>	C an..3	R
		Code specifying the document name.		
		<i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>		
		345		
		<i>Ready for despatch advice</i>		
		351		
		<i>Document/message issued by a supplier informing a buyer that goods ordered are ready for despatch. Despatch advice</i>		
		YA5		
		<i>Document/message by means of which the seller or consignor informs the consignee about the despatch of goods.</i>		
		<i>Required: Used to indicate that this is a standard shipment, not to be cross-docked for store delivery.</i>		
		<i>Intermediate handling cross docking despatch advice (EAN Code)</i>		
		<i>Document by means of which the supplier or consignor informs the buyer, consignee or the distribution centre about the despatch of goods needing intermediate handling.</i>		
	1131	<b>Code list identification code</b>	C an..17	X
		Code identifying a user or association maintained code list.		
	3055	<b>Code list responsible agency code</b>	C an..3	D
		Code specifying the agency responsible for a code list.		
		<i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>		
		<i>Used when DE 1001 = YA5 or 35E.</i>		
		9		
		<i>EAN International</i>		
		<i>EAN International, an organization of EAN Member Organizations, who along with the Uniform Code Council manages the EAN.UCC System.</i>		
		<i>Use only if DE 1001 = YA5</i>		
		35E		
		<i>Returns advice (EAN Code)</i>		
		<i>Document/message by means of which the buyer informs the seller about the despatch or impending despatch of returned goods.</i>		
	1000	<b>Document name</b>	C an..35	O
		Plain language identifier specifying the function of a document/message.		
C106		<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	C 1	R
		Identification of a document/message by its number and eventually its version or		



	revision.				
1004	<b>Document identifier</b> To identify a document. <i>Despatch advice number assigned by the document sender.</i>	<b>C</b>	<b>an..35</b>	<b>R</b>	
1056	<b>Version identifier</b> To identify a version. <i>Required: This is used to enable vendors to communicate updates to a despatch advice already transmitted as required.</i> <i>Version number must start with 1 for initial transmission and must increment accordingly thereafter. Only higher version number will be applicable. Same rules will be applied as stated in DE 1225 below.</i>	<b>O</b>	<b>an..9</b>	<b>X</b>	
1060	<b>Revision identifier</b> To identify a revision.	<b>C</b>	<b>an..6</b>	<b>X</b>	
1225	<b>MESSAGE FUNCTION CODE</b> Code indicating the function of the message. <i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>	<b>C</b>	<b>1 an..3</b>	<b>R</b>	
	<b>5</b>	<b>Replace</b> <i>Message replacing a previous message.</i> <i>Used to indicate that this message replaces all previous communications of the same despatch advice number identified in DE 1004.</i>			
	<b>7</b>	<b>Duplicate</b> <i>The message is a duplicate of a previously generated message.</i> <i>A re-transmission involving the same parties on the specific request of the receiver.</i>			
	<b>9</b>	<b>Original</b> <i>Initial transmission related to a given transaction.</i> <i>An original transmission of a Despatch Advice.</i>			
	<b>31</b>	<b>Copy</b> <i>Indicates that the message is a copy of an original message that has been sent, e.g. for action or information.</i>			
4343	<b>RESPONSE TYPE CODE</b> Code specifying the type of acknowledgment required or transmitted.	<b>C</b>	<b>1 an..3</b>	<b>X</b>	



**Segment:** **DTM** Date/Time/Period  
**Position:** 0030  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 10  
**Purpose:** Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.

**Notes:** *Segment Notes:*

*This segment is used to specify the date of the Despatch Advice or any dates related to the delivery of goods.*

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

*Example:*

*DTM+137:20050513:102'*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M 1	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date or time or period function code qualifier	M an..3	M
		Code qualifying the function of a date, time or period.		
		<i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>		
		11		<i>Despatch date and or time</i>
				<i>(2170) Date/time on which the goods are or are expected to be despatched or shipped.</i>
		17		<i>Delivery date/time, estimated</i>
				<i>Date and/or time when the shipper of the goods expects delivery will take place.</i>
		137		<i>Document/message date/time</i>
				<i>(2006) Date/time when a document/message is issued. This may include authentication.</i>
		191		<i>Delivery date/time, expected</i>
				<i>Date/time on which goods are expected to be delivered.</i>
				<i>Conditional: Date and time expected for the goods to arrive at the first location indicated in LOC DE 3225.</i>
		234		<i>Collection date/time, earliest</i>
				<i>The transport order may be issued before the goods are ready for picking up. This date/time indicates from when on the carrier can have access to the consignment.</i>
	2380	Date or time or period text	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	Date or time or period format code	C an..3	R
		Code specifying the representation of a date, time or period.		
		102		<i>CCYYMMDD</i>
				<i>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</i>
		203		<i>CCYYMMDDHHMM</i>
				<i>Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.</i>



**Segment:** **ALI** Additional Information  
**Position:** 0040  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Dependent)  
**Max Use:** 5  
**Purpose:** A segment indicating that the message is subject to special conditions due to origin, customs preference or commercial factors.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3239		<b>COUNTRY OF ORIGIN NAME CODE</b> Code specifying the name of the country of origin.	C 1 an..3	X
9213		<b>DUTY REGIME TYPE CODE</b> Code specifying a type of duty regime.	C 1 an..3	X
4183		<b>SPECIAL CONDITION CODE</b> Code specifying a special condition.	C 1 an..3	O
	168	<i>Standard pack shipment</i> <i>The shipment contains only standard packs.</i>		
	169	<i>Pick pack shipment</i> <i>The shipment contains only packages resulting from a pick and pack operation.</i> <i>Use to indicate that there are mixed vendor packs in this shipment. Each mixed vendor pack will show item packing details in SG17 LIN segment.</i> <i>If not specified, this order is assumed to include standard packs only, ie. each vendor case/shipping unit contains a single item clearly marked with an SSCC and/or GTIN barcode.</i>		
4183		<b>SPECIAL CONDITION CODE</b> Code specifying a special condition.	C 1 an..3	O
	150	<i>Mixed item pallet</i> <i>Goods to be supplied on mixed item pallet.</i>		
	164	<i>Shipment completes order</i> <i>There will be no further shipments for this order as it is considered complete.</i>		
	165	<i>Split shipment</i> <i>Subsequent shipment(s) will arrive for this order as it has been split over more than one shipment.</i>		
4183		<b>SPECIAL CONDITION CODE</b> Code specifying a special condition.	C 1 an..3	X
4183		<b>SPECIAL CONDITION CODE</b> Code specifying a special condition.	C 1 an..3	X
4183		<b>SPECIAL CONDITION CODE</b> Code specifying a special condition.	C 1 an..3	X



**Segment:** **MOA** Monetary Amount  
**Position:** 0060  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 5  
**Purpose:** A segment to transmit monetary amounts for the whole despatch required by the consignee to prepare customs clearance procedures.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		<b>MONETARY AMOUNT</b> Amount of goods or services stated as a monetary amount in a specified currency.	<b>M 1</b>	<b>M</b>
	<b>5025</b>	<b>Monetary amount type code qualifier</b> Code qualifying the type of monetary amount.	<b>M an..3</b>	<b>M</b>
		<p><b>39</b> <i>Invoice total amount</i></p> <p><b>[5444]</b> <i>Total sum charged in respect of one or more Invoices in accordance with the terms of delivery.</i></p> <p><b>369</b> <i>Goods and services tax</i></p> <p><i>Amount charged as tax on goods and services.</i></p> <p><i>Total GST amount included in the invoice total amount for the purchase order. The total GST amount for the purchase order accompanies the amount specified when DE 5025 = 39.</i></p>		
	<b>5004</b>	<b>Monetary amount</b> To specify a monetary amount. <i>Monetary amounts as indicated in DE 5025</i>	<b>C n..35</b>	<b>R</b>
	<b>6345</b>	<b>Currency identification code</b> Code specifying a monetary unit. <i>ISO 4217 currency code, default to AUD</i>	<b>C an..3</b>	<b>R</b>
		<p><b>AUD</b> <i>Australian Dollars</i></p> <p><i>All monetary values declared within this message must be in Australian dollars.</i></p>		
	<b>6343</b>	<b>Currency type code qualifier</b> Code qualifying the type of currency.	<b>C an..3</b>	<b>X</b>
	<b>4405</b>	<b>Status description code</b> Code specifying a status.	<b>C an..3</b>	<b>X</b>



**Group:** **RFF** Segment Group 1: Reference  
**Position:** 0080  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.

Segment Summary					
	Pos.	Seg.		Req.	Max.
	Group:				
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>
	<u>Repeat</u>				
M	0090	RFF	Reference	M	1
O	0100	DTM	Date/Time/Period	C	9



**Segment:** **RFF** Reference  
**Position:** 0090 (Trigger Segment)  
**Group:** SG1  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license.

**Notes:**  
*Segment Notes:*  
 This segment is used to provide references that apply to the whole transaction.  
*Example:*  
 RFF+ON:12332'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		<b>REFERENCE</b>	M 1	M
		Identification of a reference.		
	1153	<b>Reference code qualifier</b>	M an..3	M
		Code qualifying a reference.		
		<i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>		
		<b>AAN</b>		
		<i>Delivery schedule number</i>		
		<i>Reference number assigned by buyer to a delivery schedule.</i>		
		<b>ACD</b>		
		<i>Additional reference number</i>		
		<i>Reference number provided in addition to another given reference.</i>		
		<b>AUD</b>		
		<i>Collection reference</i>		
		<i>A reference identifying a collection.</i>		
		<b>BO</b>		
		<i>Blanket order number</i>		
		<i>Reference number assigned by the order issuer to a blanket order.</i>		
		<b>CN</b>		
		<i>Carrier's reference number</i>		
		<i>Reference number assigned by carrier to a consignment.</i>		
		<b>CR</b>		
		<i>Customer reference number</i>		
		<i>Reference number assigned by the customer to a transaction.</i>		
		<b>IV</b>		
		<i>Invoice number</i>		
		<i>[1334] Reference number assigned by the seller to a Commercial Invoice.</i>		
		<b>LO</b>		
		<i>Load planning number</i>		
		<i>The reference that identifies the load planning number.</i>		
		<b>ON</b>		
		<i>Buyers order number</i>		
		<i>[1022] Reference number assigned by the buyer to an order.</i>		
	1154	<b>Reference identifier</b>	C an..70	R
		Identifies a reference.		
		<i>Provides reference number as qualified in DE 1153.</i>		
	1156	<b>Document line identifier</b>	C an..6	X
		To identify a line of a document.		
		<i>Number of the line in the document/message referenced in 1154 Reference Number.</i>		
	4000	<b>Reference version identifier</b>	C an..35	X
		To identify the version of a reference.		
		<i>Conditional: Woolworths' purchase order version number for which the shipment is made, used only if DE 1153 = ON</i>		
	1060	<b>Revision identifier</b>	C an..6	X
		To identify a revision.		



**Segment:** **DTM** Date/Time/Period  
**Position:** 0100  
**Group:** SG1  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** Date/time/period from the referred document.

**Notes:** *Segment Notes:*  
 This segment is used to specify dates relating to the references given in the previous RFF segment.  
*Example:*  
 DTM+171:20050513:102'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M 1	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date or time or period function code qualifier	M an..3	M
		Code qualifying the function of a date, time or period.		
		<i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>		
		171	Reference date/time	
			Date/time on which the reference was issued.	
			For the purchase order date.	
	2380	Date or time or period text	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	Date or time or period format code	C an..3	R
		Code specifying the representation of a date, time or period.		
		102	CCYYMMDD	
			Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	



**Group:** **NAD** Segment Group 2: Name and Address  
**Position:** 0110  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 3  
**Purpose:** A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

		<b>Segment Summary</b>		<b>Req.</b>	<b>Max.</b>
<b>Pos.</b>	<b>Seg.</b>	<b>No.</b>	<b>ID</b>	<b>Des.</b>	<b>Use</b>
		<b>Name</b>			
		<b>Repeat</b>			
M	0120	NAD	Name and Address	M	1
D	0130	LOC	Place/Location Identification	C	1
	0170		Segment Group 4: Contact Information	C	10



**Segment:** **NAD** Name and Address  
**Position:** 0120 (Trigger Segment)  
**Group:** SG2  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice. Identification of the parties involved is recommended for the Despatch Advice message, and is to be given in the NAD segment.

It is recommended that where possible, only the coded form of the party ID should be specified, e.g. the buyer and seller are known to each other, thus only the coded ID is required. The consignee or delivery address may vary and would have to be clearly specified, preferably in structured format.

**Notes:**

*Segment Notes:*

*This segment is used to identify the trading partners involved in the Despatch Advice message. Identification of the supplier and buyer is mandatory in the Despatch Advice. Identification of the shipper and delivery party is recommended when different from the supplier or buyer.*

*The delivery address in NAD is the main delivery address valid for all line items. It can be overridden at line level by the use of the Segment Group 18 (LOC-DTM-QTY) in which multiple delivery addresses can be specified for split deliveries.*

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

*DE 3039: For identification of parties it is recommended to use EAN Global Location Numbers (GLNs).*

*Example:*

*NAD+SH+5411234512300::9'*

*NAD+CZ+5412345123450::9'*

*Dependency notes:*

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

*C080 - C059 - 3164 - 3229 - 3251 - 3207*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		<b>PARTY FUNCTION CODE QUALIFIER</b>	M 1 an..3	M
		Code giving specific meaning to a party.		
		<i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>		
		<b>BS</b>		<i>Bill and ship to Party receiving goods and relevant invoice.</i>
		<b>BY</b>		<i>Buyer Party to whom merchandise and/or service is sold.</i>
		<b>IV</b>		<i>Invoicee (3006) Party to whom an invoice is issued.</i>
		<b>ST</b>		<i>Ship to Identification of the party to where goods will be or have been shipped.</i>
		<b>SU</b>		<i>Supplier [3280] Party who supplies goods and/or services.</i>
		<b>UC</b>		<i>Ultimate consignee Party who has been designated on the invoice or packing list as the final recipient of the stated merchandise.</i>



<b>C082</b>	<b>PARTY IDENTIFICATION DETAILS</b>	<b>C</b>	<b>1</b>	<b>R</b>
	Identification of a transaction party by code.			
<b>3039</b>	<b>Party identifier</b>	<b>M</b>	<b>an..35</b>	<b>M</b>
	Code specifying the identity of a party. <i>EAN Global Location Number, format n13</i>			
	<i>EAN recommends the use of an EAN Global Location Number (GLN) for EANCOM compliance. If an EAN Global Location Number is not used to identify the party then use the RFF segment in the LOC segment for EANCOM compliance. For Australian and New Zealand domestic use only: where EAN GLNs are not available, eg, because of migration, non-EAN location numebrs can be used in the NAD segment. RFF is then not required.</i>			
<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..17</b>	<b>X</b>
	Code identifying a user or association maintained code list.			
<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>	<b>R</b>
	Code specifying the agency responsible for a code list. <i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>			
	<b>9</b> <i>EAN International</i>			
	<i>EAN International, an organization of EAN Member Organizations, who along with the Uniform Code Council manages the EAN.UCC System. Used only if data provided in DE 3039 is in EAN GLN format.</i>			
	<b>92</b> <i>Assigned by buyer or buyer's agent</i>			
	<i>Codes assigned by a buyer or buyer's agent. Used only if data provided in DE 3039 is not in EAN GLN format.</i>			
	<b>ZZZ</b> <i>Mutually defined</i>			
	<i>A code assigned within a code list to be used on an interim basis and as defined among trading partners until a precise code can be assigned to the code list.</i>			
<b>C058</b>	<b>NAME AND ADDRESS</b>	<b>C</b>	<b>1</b>	<b>X</b>
	Unstructured name and address: one to five lines.			
<b>3124</b>	<b>Name and address description</b>	<b>M</b>	<b>an..35</b>	<b>X</b>
	Free form description of a name and address line.			
<b>3124</b>	<b>Name and address description</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
	Free form description of a name and address line.			
<b>3124</b>	<b>Name and address description</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
	Free form description of a name and address line.			
<b>3124</b>	<b>Name and address description</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
	Free form description of a name and address line.			
<b>3124</b>	<b>Name and address description</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
	Free form description of a name and address line.			
<b>C080</b>	<b>PARTY NAME</b>	<b>C</b>	<b>1</b>	<b>X</b>
	Identification of a transaction party by name, one to five lines. Party name may be formatted.			
<b>3036</b>	<b>Party name</b>	<b>M</b>	<b>an..35</b>	<b>X</b>
	Name of a party. <i>Used to complement code presented in DE 3039, according to qualifier DE 3035. This includes:</i>			
	<i>ST - First delivery location including RDC or NDC</i>			
	<i>UC - Consignee's name including RDC or NDC</i>			
	<i>SU - Vendor's trading name</i>			
<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
	Name of a party.			
<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
	Name of a party.			
<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
	Name of a party.			
<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>	<b>X</b>



		Name of a party.			
	3045	<b>Party name format code</b>	C	an..3	X
C059		Code specifying the representation of a party name.			
		<b>STREET</b>	C	1	X
		Street address and/or PO Box number in a structured address: one to four lines.			
	3042	<b>Street and number or post office box identifier</b>	M	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	<b>Street and number or post office box identifier</b>	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	<b>Street and number or post office box identifier</b>	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	<b>Street and number or post office box identifier</b>	C	an..35	X
		To identify a street and number and/or Post Office box number.			
3164		<b>CITY NAME</b>	C	1 an..35	X
		Name of a city.			
C819		<b>COUNTRY SUB-ENTITY DETAILS</b>	C	1	X
		To specify a part of a country (eg county or part of a city).			
	3229	<b>Country sub-entity name code</b>	C	an..9	X
		Code specifying the name of a country sub-entity.			
	1131	<b>Code list identification code</b>	C	an..17	X
		Code identifying a user or association maintained code list.			
	3055	<b>Code list responsible agency code</b>	C	an..3	X
		Code specifying the agency responsible for a code list.			
	3228	<b>Country sub-entity name</b>	C	an..70	X
		Name of a country sub-entity.			
3251		<b>POSTAL IDENTIFICATION CODE</b>	C	1 an..17	X
		Code specifying the postal zone or address.			
3207		<b>COUNTRY NAME CODE</b>	C	1 an..3	X
		Identification of the name of the country or other geographical entity as defined in ISO 3166-1.			



**Segment:** **LOC** Place/Location Identification  
**Position:** 0130  
**Group:** SG2  
**Level:** 2  
**Usage:** Conditional (Dependent)  
**Max Use:** 1  
**Purpose:** A segment indicating more details regarding specific places/locations related to the party specified in the NAD segment, e.g. internal site/building number.

**Notes:** *This segment is used to indicate a delivery place, such as a dock number or a delivery bay, to complement the delivery location presented in SG2 NAD (DE 3035 = ST or UC).*

Data Element Summary						
Data Element	Component Element	Name	Base Attributes		User Attributes	
3227		<b>LOCATION FUNCTION CODE QUALIFIER</b>	M	1	an..3	M
		Code identifying the function of a location. <i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>				
		7 <i>Place of delivery</i> <i>(3246) Place to which the goods are to be finally delivered under transport contract terms (operational term).</i>				
C517		<b>LOCATION IDENTIFICATION</b>	C	1		R
		Identification of a location by code or name.				
	3225	<b>Location name code</b>	C		an..35	Rec an..25
		Code specifying the name of the location. <i>Code or name specifying the location.</i>				
	1131	<b>Code list identification code</b>	C		an..17	X
		Code identifying a user or association maintained code list.				
	3055	<b>Code list responsible agency code</b>	C		an..3	D
		Code specifying the agency responsible for a code list. 9 <i>EAN International</i> <i>EAN International, an organization of EAN Member Organizations, who along with the Uniform Code Council manages the EAN.UCC System.</i> <i>Used only if data provided in DE 3039 is in EAN GLN (EAN-13) format.</i>				
		92 <i>Assigned by buyer or buyer's agent</i> <i>Codes assigned by a buyer or buyer's agent.</i>				
	3224	<b>Location name</b>	C		an..256	X
		Name of the location.				
C519		<b>RELATED LOCATION ONE IDENTIFICATION</b>	C	1		X
		Identification the first related location by code or name.				
	3223	<b>First related location name code</b>	C		an..25	X
		Code specifying first related location.				
	1131	<b>Code list identification code</b>	C		an..17	X
		Code identifying a user or association maintained code list.				
	3055	<b>Code list responsible agency code</b>	C		an..3	X
		Code specifying the agency responsible for a code list.				
	3222	<b>First related location name</b>	C		an..70	X
		Name of first related location.				
C553		<b>RELATED LOCATION TWO IDENTIFICATION</b>	C	1		X
		Identification of second related location by code or name.				
	3233	<b>Second related location name code</b>	C		an..25	X
		Code specifying the second related location.				
	1131	<b>Code list identification code</b>	C		an..17	X



		Code identifying a user or association maintained code list.			
	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
		Code specifying the agency responsible for a code list.			
	<b>3232</b>	<b>Second related location name</b>	<b>C</b>	<b>an..70</b>	<b>X</b>
		Name of the second related location.			
<b>5479</b>		<b>RELATION CODE</b>	<b>C</b>	<b>1 an..3</b>	<b>X</b>
		Code specifying a relation.			



**Group:** **CTA** Segment Group 4: Contact Information  
**Position:** 0170  
**Group:** Segment Group 2 (Name and Address) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A group of segments to identify the people, functions, departments and appropriate numbers to whom communication should be directed.

<b>Segment Summary</b>					
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>
	<b>Group:</b>				
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>
	<b>Repeat</b>				
M	0180	CTA	Contact Information	M	1
O	0190	COM	Communication Contact	C	5



**Segment:** **CTA** Contact Information  
**Position:** 0180 (Trigger Segment)  
**Group:** SG2-SG4  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify the person, function or department to whom communication should be directed.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3139		<b>CONTACT FUNCTION CODE</b> Code specifying the function of a contact (e.g. department or person). <i>DL Delivery contact</i> <i>Department/person responsible for delivery.</i> <i>HG Dangerous goods contact</i> <i>Department/person to be contacted for details about the transportation of dangerous goods/hazardous material.</i> <i>TR Transport contact</i> <i>Department/person in charge of transportation.</i> <i>WL After business hour contact</i> <i>Code identifying a the after business hours contact.</i>	C 1 an..3	R
C056		<b>DEPARTMENT OR EMPLOYEE DETAILS</b> Code and/or name of a department or employee. Code preferred.	C 1	D
	3413	<b>Department or employee name code</b> Code specifying the name of a department or employee.	C an..17	X
	3412	<b>Department or employee name</b> Name of a department or employee.	C an..35	R



**Segment:** **COM** Communication Contact  
**Position:** 0190  
**Group:** SG2-SG4  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 5  
**Purpose:** A segment to identify communication types and numbers for the person, function or department identified in the CTA.

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C076		<b>COMMUNICATION CONTACT</b>	M 3	M
		Communication number of a department or employee in a specified channel.		
	3148	<b>Communication address identifier</b>	M	an..512 M
		To identify a communication address.		
	3155	<b>Communication address code qualifier</b>	M	an..3 M
		Code qualifying the communication address.		
		<i>EM Electronic mail</i>		
		<i>Exchange of mail by electronic means.</i>		
		<i>FX Telefax</i>		
		<i>Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.</i>		
		<i>TE Telephone</i>		
		<i>Voice/data transmission by telephone.</i>		



**Group:** **EQD** Segment Group 8: Equipment Details  
**Position:** 0310  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A group of segments providing information relative to the equipment used for the transportation of goods relevant to the whole despatch advice.

**Notes:**

Example:

Equipment include a total of 5 pallet places count with 5 LOSCAM-type pallets and 5 CHEP-type pallets. All pallets are stackable.

EQD+PA'  
 MEA+CT+NPP+NAR:5'  
 EQD+PA+++:::LOSCAM'  
 MEA+CT++NAR:5'  
 EQD+PA+++:::CHEP'  
 MEA+CT++NAR:5'

Equipment include a total of 10 roll cages

EQD+RCA'  
 MEA+CT++NAR:10'

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>
	<b>Group:</b>				
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>
	<b>Repeat</b>				
M	0320	EQD	Equipment Details	M	1
M	0330	MEA	Measurements	M	2



**Segment:** **EQD** Equipment Details  
**Position:** 0320 (Trigger Segment)  
**Group:** SG8  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to define fixed information regarding equipment used in conjunction with the whole despatch advice, and if required, to indicate responsibility for supply of the equipment.

**Notes:** *Segment Notes:*  
 THIS SEGMENT IS YET TO BE SPECIFIED.  
 This segment is used to provide information on equipment which will be used in the despatch of the products ordered.  
 Example:  
 EQD+TE'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
8053		<b>EQUIPMENT TYPE CODE QUALIFIER</b> Code qualifying a type of equipment.	M 1 an..3	M
		<b>CN</b> <i>Container</i> <i>Equipment item as defined by ISO for transport. It must be of: A) permanent character, strong enough for repeated use; B) designed to facilitate the carriage of goods, by one or more modes of transport, without intermediate reloading; C) fitted with devices for its ready handling, particularly.</i>		
		<b>PA</b> <i>Pallet</i> <i>A platform on which goods can be stacked in order to facilitate the movement by a forklift or sling.</i> <i>Required: Used to declare if equipment type being used is a pallet of any kind.</i>		
		<b>RCA</b> <i>EAN code for roll cage</i> <i>Conditional: Used to declare if equipment type being used is a roll cage of any kind.</i>		
		<b>TE</b> <i>Trailer</i> <i>A vehicle without motive power, designed for the carriage of cargo and to be towed by a motor vehicle.</i>		
C237		<b>EQUIPMENT IDENTIFICATION</b> Marks (letters/numbers) identifying equipment.	C 1	X
	8260	<b>Equipment identifier</b> To identify equipment.	C an..17	X
	1131	<b>Code list identification code</b> Code identifying a user or association maintained code list.	C an..17	X
	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C an..3	X
	3207	<b>Country name code</b> Identification of the name of the country or other geographical entity as defined in ISO 3166-1.	C an..3	X
C224		<b>EQUIPMENT SIZE AND TYPE</b> Code and or name identifying size and type of equipment. Code preferred.	C 1	X
	8155	<b>Equipment size and type description code</b> Code specifying the size and type of equipment.	C an..10	X
	1131	<b>Code list identification code</b> Code identifying a user or association maintained code list.	C an..17	X



3055	<b>Code list responsible agency code</b>	C	an..3	X
	Code specifying the agency responsible for a code list.			
8154	<b>Equipment size and type description</b>	C	an..35	X
	Free form description of the size and type of equipment.			
	<i>Conditional: Specify if DE 8053 = PA to indicate if pallets are used for the shipment. Pallets used may be LOSCAM or CHEP or both.</i>			
8077	<b>EQUIPMENT SUPPLIER CODE</b>	C	1 an..3	X
	Code specifying the party that is the supplier of the equipment.			
8249	<b>EQUIPMENT STATUS CODE</b>	C	1 an..3	X
	Code specifying the status of equipment.			
8169	<b>FULL OR EMPTY INDICATOR CODE</b>	C	1 an..3	X
	Code indicating whether an object is full or empty.			



**Segment:** **MEA** Measurements  
**Position:** 0330  
**Group:** SG8  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 2  
**Purpose:** A segment specifying physical measurements of equipment described in the EQD segment.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		<b>MEASUREMENT PURPOSE CODE QUALIFIER</b> Code qualifying the purpose of the measurement. <i>CT</i> <i>Counts</i> <i>The measurement is counts.</i>	M 1 an..3	M
<i>Required: Total number of pallets or other equipment types used in the shipment.</i>				
C502		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	C 1	O
	6313	<b>Measured attribute code</b> Code specifying the attribute measured. <i>NPP</i> <i>EAN code for number of pallet places</i>	C an..3	O
	6321	<b>Measurement significance code</b> Code specifying the significance of a measurement.	C an..3	X
	6155	<b>Non-discrete measurement name code</b> Code specifying the name of a non-discrete measurement.	C an..17	X
	6154	<b>Non-discrete measurement name</b> Name of a non-discrete measurement.	C an..70	X
C174		<b>VALUE/RANGE</b> Measurement value and relevant minimum and maximum values of the measurement range.	M 1	M
	6411	<b>Measurement unit code</b> Code specifying the unit of measurement. <i>NAR</i> <i>EAN code for number of articles</i>	M an..8	M
<i>Required: Number of articles as qualified in DE 6311.</i>				
	6314	<b>Measure</b> To specify the value of a measurement.	M an..18	M
	6162	<b>Range minimum quantity</b> To specify the minimum value of a range.	C n..18	X
	6152	<b>Range maximum quantity</b> To specify the maximum value of a range.	C n..18	X
	6432	<b>Significant digits quantity</b> Count of the number of significant digits.	C n..2	X
7383		<b>SURFACE OR LAYER CODE</b> Code specifying the surface or layer of an object.	C 1 an..3	X



**Group:** **CPS** Segment Group 10: Consignment Packing Sequence  
**Position:** 0390  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 9999  
**Purpose:** A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships.

Segment Summary					
	Pos.	Seg.		Req.	Max.
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>
	<u>Repeat</u>				
M	0400	CPS	Consignment Packing Sequence	M	1
	0430		Segment Group 11: Package	C	9999
	0650		Segment Group 17: Line Item	C	9999



**Segment:** **CPS** Consignment Packing Sequence  
**Position:** 0400 (Trigger Segment)  
**Group:** SG10  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

**Notes:** *Segment Notes:*  
 This segment is used to identify the sequence in which packaging of the consignment occurs.  
*Example:*  
 CPS + 1'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7164		<b>HIERARCHICAL STRUCTURE LEVEL IDENTIFIER</b> To identify a level within a hierarchical structure. <i>Sequential numbering recommended.</i> <i>Number given to this CPS record.</i>	M 1 an..35	M
7166		<b>HIERARCHICAL STRUCTURE PARENT IDENTIFIER</b> To identify the next higher level in a hierarchical structure. <i>Number of Parent CPS record.</i>	C 1 an..35	D
7075		<b>PACKAGING LEVEL CODE</b> Code specifying a level of packaging.	C 1 an..3	R
	1	<b>Inner</b> <i>Level of packing, if it exists, that is immediately subordinate to the intermediate packaging level.</i> <i>This will mean carton level.</i>		
	2	<b>Intermediate</b> <i>Level of packaging, if it exists, that is immediately subordinate to the outer packaging level.</i> <i>This will mean the pallet/tare level.</i>		
	3	<b>Outer</b> <i>For packed merchandise, outermost level of packaging for a shipment.</i> <i>This will mean the 'final' location level, (ie, store level).</i>		
	4	<b>No packaging hierarchy</b> <i>There is no specifiable level of packaging: packaging is inner and outer level as well.</i> <i>Used by CML for Cross Dock orders</i>		
	5	<b>Shipment level</b> <i>The packaging level being described is the shipment level.</i> <i>This code should be used when there is one order per shipment (one delivery).</i> <i>This reflects that a shipment level is also the highest level.</i>		
	1E	<b>Highest {GS1 Code}</b> <i>Level of packaging, if it exists, which is highest in the packaging hierarchy</i> <i>This code is to be used when there are multiple orders (requiring multiple shipments) in one consolidated shipment. The highest level represents the consolidated shipment which comprises of multiple shipments. The code '1E = Highest' can be used if a user wants explicitly identify that the CPS group is for the total shipment level.</i>		



**Group:** **PAC** Segment Group 11: Package  
**Position:** 0430  
**Group:** Segment Group 10 (Consignment Packing Sequence) Conditional  
 (Required)  
**Level:** 2  
**Usage:** Conditional (Required)  
**Max Use:** 9999  
**Purpose:** A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, date and time information, handling information and information about packing at this level.  
**Notes:** For examples, see explanation in CPS Segment Group Level (SG10) notes.

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>
	<b>Group:</b>				
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>
	<b>Repeat</b>				
M	0440	PAC	Package	M	1
R	0450	MEA	Measurements	C	10
O	0460	QTY	Quantity	C	10
	0500		Segment Group 13: Package Identification	C	1000



**Segment:** **PAC** Package  
**Position:** 0440 (Trigger Segment)  
**Group:** SG10-SG11  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.

**Notes:** *Segment Notes:*

*This PAC segment can be used to identify the total number of packages per hierarchical level identified in the CPS segment in a shipment. The contents of each package is subsequently described in the following LIN segment.*

*Please refer to the 'Structure of the Despatch Advice Message' section in the introduction for details about the use of the PAC segment.*

*Example:*

*PAC+10++PK'*

*Dependency Notes:*

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

*DE 3055: Code 9 in this data element is used only when EAN codes are used in DE 7065.*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7224		<b>PACKAGE QUANTITY</b> To specify the number of packages. <i>Number of packages of this type for a shipment.</i>	C 1 n..8	R
C531		<b>PACKAGING DETAILS</b> Packaging level and details, terms and conditions.	C 1	X
	7075	<b>Packaging level code</b> Code specifying a level of packaging.	C an..3	X
	7233	<b>Packaging related description code</b> Code specifying information related to packaging.	C an..3	X
	7073	<b>Packaging terms and conditions code</b> Code specifying the packaging terms and conditions.	C an..3	X
C202		<b>PACKAGE TYPE</b> Type of package by name or by code from a specified source.	C 1	O
	7065	<b>Package type description code</b> Code specifying the type of package. <i>09 Returnable Pallet - EAN Code</i> <i>BG Bag</i> <i>CN EAN code for container, not otherwise specified as transport equipment</i> <i>CT Carton</i> <i>CW EAN code for roll cage</i> <i>PK Package</i> <i>SL Slipsheet</i>	C an..17	R
	1131	<b>Code list identification code</b> Code identifying a user or association maintained code list.	C an..17	X
	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list. <i>9 EAN International</i>	C an..3	R



*EAN International, an organization of EAN Member Organizations, who along with the Uniform Code Council manages the EAN.UCC System.*

	<b>7064</b>	<b>Type of packages</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Description of the form in which goods are presented. <i>Used to identify whether the pallet is 'LOSCAM' or 'CHEP'.</i>			
<b>C402</b>		<b>PACKAGE TYPE IDENTIFICATION</b>	<b>C</b>	<b>1</b>	<b>X</b>
		Identification of the form in which goods are described.			
	<b>7077</b>	<b>Description format code</b>	<b>M</b>	<b>an..3</b>	<b>X</b>
		Code specifying the format of a description.			
	<b>7064</b>	<b>Type of packages</b>	<b>M</b>	<b>an..35</b>	<b>X</b>
		Description of the form in which goods are presented. <i>Conditional: Specify if DE 7065 = 09 to specify the number of pallets by type used for the shipment. Pallet types may be 'LOSCAM' and / or 'CHEP'.</i>			
	<b>7143</b>	<b>Item type identification code</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
		Coded identification of an item type.			
	<b>7064</b>	<b>Type of packages</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
		Description of the form in which goods are presented.			
	<b>7143</b>	<b>Item type identification code</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
		Coded identification of an item type.			
<b>C532</b>		<b>RETURNABLE PACKAGE DETAILS</b>	<b>C</b>	<b>1</b>	<b>X</b>
		Indication of responsibility for payment and load contents of returnable packages.			
	<b>8395</b>	<b>Returnable package freight payment responsibility code</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
		Code specifying the responsibility for the freight payment for a returnable package.			
	<b>8393</b>	<b>Returnable package load contents code</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
		Code specifying the load contents for a returnable package.			



**Segment:** **MEA** Measurements  
**Position:** 0450  
**Group:** SG10-SG11  
**Level:** 3  
**Usage:** Conditional (Required)  
**Max Use:** 10  
**Purpose:** A segment specifying physical measurements of the packages/physical units described in the PAC segment.

**Notes:** *Segment Notes:*  
 This segment is used to provide measurements relevant to the packaging unit and level described in the PAC segment.  
 Example:  
 MEA+PD+AAB+KGM:12'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		<b>MEASUREMENT PURPOSE CODE QUALIFIER</b> Code qualifying the purpose of the measurement. <i>CT Counts</i> <i>The measurement is counts.</i> <i>PD Physical dimensions (product ordered)</i> <i>Specified measurement dimensions refer to physical dimensions of a product, material or package.</i>	M 1 an..3	M
C502		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	C 1	R
	6313	<b>Measured attribute code</b> Code specifying the attribute measured. <i>AAA Unit net weight</i> <i>[6160] Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale.</i> <i>AAB Unit gross weight</i> <i>[6292] Weight (mass) of goods including packing but excluding the carrier's equipment.</i> <i>ABJ Volume</i> <i>The amount of air space taken up by the entity identified in the 6311 qualifier.</i> <i>LAY EAN code for number of layers on a pallet</i> <i>Required: Provide the number of layers on the pallet.</i> <i>NPP EAN code for number of pallet places</i> <i>ULY EAN code for number of units per pallet layer</i> <i>Required: Provide the number of units per pallet layer.</i>	M an..3	M
	6321	<b>Measurement significance code</b> Code specifying the significance of a measurement.	C an..3	X
	6155	<b>Non-discrete measurement name code</b> Code specifying the name of a non-discrete measurement.	C an..17	X
	6154	<b>Non-discrete measurement name</b> Name of a non-discrete measurement.	C an..70	X
C174		<b>VALUE/RANGE</b> Measurement value and relevant minimum and maximum values of the measurement range.	C 1	R
	6411	<b>Measurement unit code</b> Code specifying the unit of measurement. <i>KGM Kilogram</i>	M an..8	M an..3



	<i>LTR</i>	<i>Litre</i>			
	<i>MTQ</i>	<i>m3</i>			
	<i>NAR</i>	<i>EAN code for number of articles</i>			
<b>6314</b>	<b>Measure</b>		<b>C</b>	<b>an..18</b>	<b>R</b>
	To specify the value of a measurement.				
<b>6162</b>	<b>Range minimum quantity</b>		<b>C</b>	<b>n..18</b>	<b>X</b>
	To specify the minimum value of a range.				
<b>6152</b>	<b>Range maximum quantity</b>		<b>C</b>	<b>n..18</b>	<b>X</b>
	To specify the maximum value of a range.				
<b>6432</b>	<b>Significant digits quantity</b>		<b>C</b>	<b>n..2</b>	<b>X</b>
	Count of the number of significant digits.				
<b>7383</b>	<b>SURFACE OR LAYER CODE</b>		<b>C</b>	<b>1 an..3</b>	<b>X</b>
	Code specifying the surface or layer of an object.				



**Segment:** **QTY** Quantity  
**Position:** 0460  
**Group:** SG10-SG11  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A segment to specify the quantity per package described in the PAC segment.

**Notes:**

*Segment Notes:*

*This segment is used to specify the quantity per package specified in the PAC segment.*

*Example:*

*QTY+52:24'*

*Dependency Notes:*

*DE 6411: This DE is only used if the package is being identified is of variable quantity.*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		<b>QUANTITY DETAILS</b>	M 1	M
		Quantity information in a transaction, qualified when relevant.		
	6063	<b>Quantity type code qualifier</b>	M an..3	M
		Code qualifying the type of quantity.		
		<i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>		
		12 <i>Despatch quantity</i>		
		<i>Quantity despatched by the seller.</i>		
		21 <i>Ordered quantity</i>		
		<i>[6024] The quantity which has been ordered.</i>		
		52 <i>Quantity per pack</i>		
		<i>Quantity for each pack.</i>		
		59 <i>Numbers of consumer units in the traded unit</i>		
		<i>Number of units for consumer sales in a unit for trading.</i>		
	6060	<b>Quantity</b>	M an..35	M
		Alphanumeric representation of a quantity.		
	6411	<b>Measurement unit code</b>	C an..8	D
		Code specifying the unit of measurement.		
		<i>KGM Kilogram</i>		



**Group:** **PCI** Segment Group 13: Package Identification  
**Position:** 0500  
**Group:** Segment Group 11 (Package) Conditional (Required)  
**Level:** 3  
**Usage:** Conditional (Required)  
**Max Use:** 1000  
**Purpose:** A group of segments specifying markings, labels, and packing numbers.

<b>Segment Summary</b>					
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>
	<b>Group:</b>				
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>
	<b>Repeat</b>				
M	0510	PCI	Package Identification	M	1
O	0530	DTM	Date/Time/Period	C	1
	0570		Segment Group 15: Goods Identity Number	C	1



**Segment:** **PCI** Package Identification  
**Position:** 0510 (Trigger Segment)  
**Group:** SG10-SG11-SG13  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment specifying markings and/or labels used on individual physical units (packages) described in the PAC segment.

**Notes:** *Segment Notes:*  
*This PCI segment is used to provide markings and label information relevant to the packaging unit and level of packaging.*  
*Example:*  
*PCI+33E'*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4233		<b>MARKING INSTRUCTIONS CODE</b> Code specifying instructions for marking. <i>33E Marked with serial shipping container code (EAN Code)</i> <i>34E Marked with EAN/UPC number (EAN Code)</i>	C 1 an..3	R
C210		<b>MARKS &amp; LABELS</b> Shipping marks on packages in free text; one to ten lines.	C 1	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	M an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
8275		<b>CONTAINER OR PACKAGE CONTENTS INDICATOR CODE</b> Code indicating the contents of container or package.	C 1 an..3	X
C827		<b>TYPE OF MARKING</b> Specification of the type of marking that reflects the method that was used and the conventions adhered to for marking (e.g. of packages).	C 1	X
	7511	<b>Marking type code</b> Code specifying the type of marking.	M an..3	X
	1131	<b>Code list identification code</b>	C an..17	X



3055	Code identifying a user or association maintained code list. <b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	<b>C</b>	<b>an..3</b>	<b>X</b>
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**Segment:** **DTM** Date/Time/Period  
**Position:** 0530  
**Group:** SG10-SG11-SG13  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment for specifying date/time/period related to the document referenced.

**Notes:** *Conditional: Only expiry date is expected for certain products according to existing rules already applied on a retail (consumer) unit.*  
*If there are multiple expiry dates applicable for the same item on a pallet, i.e. produced from multiple batches, show only the earliest expiry date for this pallet.*

**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 1	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date or time or period function code qualifier	M an..3	M
		Code qualifying the function of a date, time or period.		
		36		<i>Expiry date</i>
				<i>Date of expiry of the validity of a referenced document, price information or any other referenced data element with a limited validity period.</i>
		361		<i>Best before date</i>
				<i>[2497] Indication that freshness of goods is limited in time to the date shown.</i>
		365		<i>Packaging date</i>
				<i>The date on which the packaging of a product took place.</i>
	2380	Date or time or period text	M an..35	M
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	Date or time or period format code	C an..3	R
		Code specifying the representation of a date, time or period.		
		102		<i>CCYYMMDD</i>
				<i>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</i>



**Group:** **GIN** Segment Group 15: Goods Identity Number  
**Position:** 0570  
**Group:** Segment Group 13 (Package Identification) Conditional (Required)  
**Level:** 4  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group of segments giving package identification numbers and, where relevant, delivery limitation information.  
**Notes:** This segment group provides information related to the marking requirements specified for different delivery scenarios. Identifiers may include the SSCC, Batch number and/or GTIN of the products included in the delivery

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>
	<b>Group:</b>				
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>
	<b>Repeat</b>				
M	0580	GIN	Goods Identity Number	M	1



**Segment:** **GIN** Goods Identity Number  
**Position:** 0580 (Trigger Segment)  
**Group:** SG10-SG11-SG13-SG15  
**Level:** 4  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment providing the identity numbers of packages being despatched.  
**Notes:** *Segment Notes:*

*This segment is used to provide identification numbers relevant to the packaging unit and level identified in the PAC segment.*

*In EANCOM, it is recommended to use the Serial Shipping Container Code (SSCC) for unique identification of individual transport packages.*

*Example:*

*GIN+BJ+35412345000000014:35412345000000106'*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7405		<b>OBJECT IDENTIFICATION CODE QUALIFIER</b>	<b>M 1 an..3</b>	<b>M</b>
		Code qualifying the identification of an object. <i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>		
	<b>AW</b>	<b>Serial shipping container code</b> <b>A single unique serial number which identifies shipping containers or shipping packages.</b> <i>Conditional: This code is included in the UN/EDIFACT code list, and will be supported for this guideline, however for downward compatibility (with EANCOM97), code BJ can also be used.</i> <i>Either code AW or BJ can be used, but not both.</i>		
	<b>BJ</b>	<b>EAN code for serial shipping container code</b> <i>Conditional: This code is supported in this guideline, however for compatibility with UN/EDIFACT, code AW can also be used.</i> <i>Either code AW or BJ can be used, but not both.</i>		
	<b>BN</b>	<b>Serial number</b> <b>Identification number of an item which distinguishes this specific item out of a number of identical items.</b> <i>May be used to identify the specific serial number of the transport unit.</i>		
	<b>BX</b>	<b>Batch number</b> <b>Unique number affixed by manufacturer to a batch of products produced under similar conditions.</b>		
	<b>SRV</b>	<b>EAN.UCC Global Trade Item Number (EAN Code)</b>		
<b>C208</b>		<b>IDENTITY NUMBER RANGE</b>	<b>M 1</b>	<b>M</b>
		Goods item identification numbers, start and end of consecutively numbered range.		
	<b>7402</b>	<b>Object identifier</b>	<b>M an..35</b>	<b>M</b>
		Code specifying the unique identity of an object. <i>E.g., EAN/UPC number or SSCC.</i>		
	<b>7402</b>	<b>Object identifier</b>	<b>C an..35</b>	<b>O</b>
		Code specifying the unique identity of an object. <i>E.g., EAN/UPC number or SSCC.</i>		
<b>C208</b>		<b>IDENTITY NUMBER RANGE</b>	<b>C 1</b>	<b>X</b>
		Goods item identification numbers, start and end of consecutively numbered range.		
	<b>7402</b>	<b>Object identifier</b>	<b>M an..35</b>	<b>X</b>



	7402	Code specifying the unique identity of an object. <b>Object identifier</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
<b>C208</b>		Code specifying the unique identity of an object. <b>IDENTITY NUMBER RANGE</b>	<b>C</b>	<b>1</b>	<b>X</b>
	7402	Goods item identification numbers, start and end of consecutively numbered range. <b>Object identifier</b>	<b>M</b>	<b>an..35</b>	<b>X</b>
	7402	Code specifying the unique identity of an object. <b>Object identifier</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
<b>C208</b>		Code specifying the unique identity of an object. <b>IDENTITY NUMBER RANGE</b>	<b>C</b>	<b>1</b>	<b>X</b>
	7402	Goods item identification numbers, start and end of consecutively numbered range. <b>Object identifier</b>	<b>M</b>	<b>an..35</b>	<b>X</b>
	7402	Code specifying the unique identity of an object. <b>Object identifier</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
<b>C208</b>		Code specifying the unique identity of an object. <b>IDENTITY NUMBER RANGE</b>	<b>C</b>	<b>1</b>	<b>X</b>
	7402	Goods item identification numbers, start and end of consecutively numbered range. <b>Object identifier</b>	<b>M</b>	<b>an..35</b>	<b>X</b>
	7402	Code specifying the unique identity of an object. <b>Object identifier</b>	<b>C</b>	<b>an..35</b>	<b>X</b>



**Group:** **LIN** Segment Group 17: Line Item  
**Position:** 0650  
**Group:** Segment Group 10 (Consignment Packing Sequence) Conditional  
 (Required)  
**Level:** 2  
**Usage:** Conditional (Dependent)  
**Max Use:** 9999  
**Purpose:** A group of segments providing details of the individual despatched items.

<b>Segment Summary</b>					
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>
	<b>Group:</b>				
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>
	<b>Repeat</b>				
M	0660	LIN	Line Item	M	1
O	0670	PIA	Additional Product Id	C	10
O	0690	MEA	Measurements	C	10
O	0700	QTY	Quantity	C	10
O	0750	DTM	Date/Time/Period	C	5
	0920		Segment Group 20: Place/Location Identification	C	100
	1000		Segment Group 22: Package Identification	C	9999
	1120		Segment Group 25: Quantity Variances	C	10



**Segment:** **LIN** Line Item  
**Position:** 0660 (Trigger Segment)  
**Group:** SG10-SG17  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the product being despatched.  
 All other segments in the detail section following the LIN segment refer to that line item.

**Notes:** *Segment Notes:*

*This segment is used to identify the line item being despatched.*

*Example:*

*LIN+1+5412345123453:SRV'*

*Dependency notes:*

*C212: This composite is only used for the identification of EAN/UPC Codes. If another coding structure is required, this composite will not be used and the code will be detailed in the PIA.*

*DE C829 and 7083: These data elements are only used when sub-lines are required.*

*FOR A COMPLETE DESCRIPTION ABOUT THE USE OF SUB-LINES, REFER TO THE INTRODUCTION OF THIS DOCUMENT.*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
1082		<b>LINE ITEM IDENTIFIER</b> To identify a line item. <i>Application generated number of the item lines within the Despatch Advice.</i>	C 1 an..6	R
1229		<b>ACTION REQUEST/NOTIFICATION DESCRIPTION CODE</b> Code specifying the action to be taken or already taken.	C 1 an..3	X
C212		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	C 1	D
7140		<b>Item identifier</b> To identify an item. <i>EAN.UCC Global Trade Item Number</i>	C an..35	R
7143		<b>Item type identification code</b> Coded identification of an item type. <i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i> <i>SRV EAN.UCC Global Trade Item Number</i> <i>A unique number, up to 14-digits, assigned according to the numbering structure of the EAN.UCC system. 'EAN' stands for the 'International Article Numbering Association', and 'UCC' for the 'Uniform Code Council'.</i>	C an..3	R
1131		<b>Code list identification code</b> Code identifying a user or association maintained code list.	C an..17	X
3055		<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C an..3	X
C829		<b>SUB-LINE INFORMATION</b> To provide an indication that a segment or segment group is used to contain sub-line or sub-line item information and to optionally enable the sub-line to be identified.	C 1	X
5495		<b>Sub-line indicator code</b>	C an..3	X



	Code indicating a sub-line item.			
<b>1082</b>	<b>Line item identifier</b>	<b>C</b>	<b>an..6</b>	<b>X</b>
	To identify a line item.			
<b>1222</b>	<b>CONFIGURATION LEVEL NUMBER</b>	<b>C</b>	<b>1 n..2</b>	<b>X</b>
	To specify a level within a configuration.			
<b>7083</b>	<b>CONFIGURATION OPERATION CODE</b>	<b>C</b>	<b>1 an..3</b>	<b>X</b>
	Code specifying the configuration operation.			



**Segment:** **PIA** Additional Product Id  
**Position:** 0670  
**Group:** SG10-SG17  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A segment providing additional product identification.  
**Notes:** Segment Notes:

*This segment is used to identify additional product codes for the current line item.*

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

*1 = Additional Identification - To provide an additional identity for the primary article number identified in the LIN segment. The additional code can consist of:*

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

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

*3 = Substituted By - To provide the article number of a product which has substituted the product identified by the article number in the LIN segment. In the despatch advice this function code may be used to inform trading partners of the article number of the product originally ordered which has been substituted by another product identified in the LIN segment.*

*4 = Substituted For - To provide the article number of a product which has been substituted by the product identified by the article number provided in the LIN segment. In the despatch advice this function code may be used to inform trading partners of the article number of the product originally ordered which has been substituted by another product identified in the LIN segment. In this case, the segment LIN will refer to the despatched product and the PIA segment will provide the article number of the unavailable product.*

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

*Examples :*  
*PIA+1+ABF5682:IN'*  
*In this example the PIA segment is used to provide an additional identification to the article number provided in the LIN segment. The EAN article number 5412345123453 provided in the LIN segment refers to the internal buyer's part number ABF5682.*

*PIA+4+5412345123095:EN'*  
*In this example the PIA segment is used to provide the EAN article number of the product which has been substituted by the former primary EAN article number. The new EAN article number 5412345111184 would be included in the message in the LIN segment.*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4347		<b>PRODUCT IDENTIFIER CODE QUALIFIER</b> Code qualifying the product identifier. <i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>	M 1 an..3	M
	1	<b>Additional identification</b> <i>Information which specifies and qualifies product identifications.</i>		
	4	<b>Substituted for</b> <i>The given item number is the number of the original product substituted by another.</i>		
C212		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	M 1	M
	7140	<b>Item identifier</b> To identify an item.	C an..35	R
	7143	<b>Item type identification code</b>	C an..3	R



Coded identification of an item type.

*THIS HAS AN EANCOM RESTRICTED CODE LIST.*

	<b>IN</b>	<b>Buyer's item number</b> <i>The item number has been allocated by the buyer.</i>			
	<b>NB</b>	<b>Batch number</b> <i>The item number is a batch number.</i>			
	<b>SRV</b>	<b>EAN.UCC Global Trade Item Number</b> <i>A unique number, up to 14-digits, assigned according to the numbering structure of the EAN.UCC system. 'EAN' stands for the 'International Article Numbering Association', and 'UCC' for the 'Uniform Code Council'.</i>			
	<b>1131</b>	<b>Code list identification code</b> Code identifying a user or association maintained code list.	<b>C</b>	<b>an..17</b>	<b>X</b>
	<b>3055</b>	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	<b>C</b>	<b>an..3</b>	<b>O</b>
	<b>9</b>	<b>EAN International</b> <i>EAN International, an organization of EAN Member Organizations, who along with the Uniform Code Council manages the EAN.UCC System.</i>			
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	Goods identification for a specified source.	<b>C</b>	<b>1</b>	<b>X</b>
	<b>7140</b>	<b>Item identifier</b> To identify an item.	<b>C</b>	<b>an..35</b>	<b>X</b>
	<b>7143</b>	<b>Item type identification code</b> Coded identification of an item type.	<b>C</b>	<b>an..3</b>	<b>X</b>
	<b>1131</b>	<b>Code list identification code</b> Code identifying a user or association maintained code list.	<b>C</b>	<b>an..17</b>	<b>X</b>
	<b>3055</b>	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	<b>C</b>	<b>an..3</b>	<b>X</b>
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	Goods identification for a specified source.	<b>C</b>	<b>1</b>	<b>X</b>
	<b>7140</b>	<b>Item identifier</b> To identify an item.	<b>C</b>	<b>an..35</b>	<b>X</b>
	<b>7143</b>	<b>Item type identification code</b> Coded identification of an item type.	<b>C</b>	<b>an..3</b>	<b>X</b>
	<b>1131</b>	<b>Code list identification code</b> Code identifying a user or association maintained code list.	<b>C</b>	<b>an..17</b>	<b>X</b>
	<b>3055</b>	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	<b>C</b>	<b>an..3</b>	<b>X</b>
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	Goods identification for a specified source.	<b>C</b>	<b>1</b>	<b>X</b>
	<b>7140</b>	<b>Item identifier</b> To identify an item.	<b>C</b>	<b>an..35</b>	<b>X</b>
	<b>7143</b>	<b>Item type identification code</b> Coded identification of an item type.	<b>C</b>	<b>an..3</b>	<b>X</b>
	<b>1131</b>	<b>Code list identification code</b> Code identifying a user or association maintained code list.	<b>C</b>	<b>an..17</b>	<b>X</b>
	<b>3055</b>	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	<b>C</b>	<b>an..3</b>	<b>X</b>
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	Goods identification for a specified source.	<b>C</b>	<b>1</b>	<b>X</b>
	<b>7140</b>	<b>Item identifier</b> To identify an item.	<b>C</b>	<b>an..35</b>	<b>X</b>



<b>7143</b>	<b>Item type identification code</b> Coded identification of an item type.	<b>C</b>	<b>an..3</b>	<b>X</b>
<b>1131</b>	<b>Code list identification code</b> Code identifying a user or association maintained code list.	<b>C</b>	<b>an..17</b>	<b>X</b>
<b>3055</b>	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	<b>C</b>	<b>an..3</b>	<b>X</b>



**Segment:** **MEA** Measurements  
**Position:** 0690  
**Group:** SG10-SG17  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A segment specifying physical measurements of the despatched item in original or unpacked form.

**Notes:** *Segment Notes:*

*This segment is used to specify the actual physical dimensions of the line item being despatched where the product is sold in variable lengths or volumes.*

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

*Example:*

*MEA+PD+LN:4+MTR:8'*

*The precise length of the product identified by the Global Trade Item Number (GTIN) is 8 metres.*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		<b>MEASUREMENT PURPOSE CODE QUALIFIER</b> Code qualifying the purpose of the measurement. <i>PD Physical dimensions (product ordered)</i> <i>Specified measurement dimensions refer to physical dimensions of a product, material or package.</i>	M 1 an..3	M
C502		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	C 1	O
6313		<b>Measured attribute code</b> Code specifying the attribute measured. <i>AAA Unit net weight</i> <i>[6160] Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale.</i>	C an..3	O
6321		<b>Measurement significance code</b> Code specifying the significance of a measurement.	C an..3	X
6155		<b>Non-discrete measurement name code</b> Code specifying the name of a non-discrete measurement.	C an..17	X
6154		<b>Non-discrete measurement name</b> Name of a non-discrete measurement.	C an..70	X
C174		<b>VALUE/RANGE</b> Measurement value and relevant minimum and maximum values of the measurement range.	C 1	X
6411		<b>Measurement unit code</b> Code specifying the unit of measurement. <i>For example KGM= Kilograms, LTR= Litres.</i>	M an..8	X an..3
6314		<b>Measure</b> To specify the value of a measurement.	C an..18	X
6162		<b>Range minimum quantity</b> To specify the minimum value of a range.	C n..18	X
6152		<b>Range maximum quantity</b> To specify the maximum value of a range.	C n..18	X
6432		<b>Significant digits quantity</b> Count of the number of significant digits.	C n..2	X



**7383**

**SURFACE OR LAYER CODE**

Code specifying the surface or layer of an object.

**C 1 an..3 X**



**Segment:** **QTY** Quantity  
**Position:** 0700  
**Group:** SG10-SG17  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A segment to give quantity information concerning the product.  
**Notes:** *Segment Notes:*

*This segment is used to specify the quantity of the product identified in the LIN segment which is about to be or has been despatched.*

*Example:*

QTY+12:400'

*Dependency Notes:*

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

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		<b>QUANTITY DETAILS</b> Quantity information in a transaction, qualified when relevant.	M 1	M
	6063	<b>Quantity type code qualifier</b> Code qualifying the type of quantity. <i>THIS HAS AN EANCOM RESTRICTED CODE SET.</i>	M an..3	M
		12 <i>Despatch quantity</i> <i>Quantity despatched by the seller.</i>		
		21 <i>Ordered quantity</i> <i>[6024] The quantity which has been ordered.</i>		
		59 <i>Numbers of consumer units in the traded unit</i> <i>Number of units for consumer sales in a unit for trading.</i>		
	6060	<b>Quantity</b> Alphanumeric representation of a quantity.	M an..35	M
	6411	<b>Measurement unit code</b> Code specifying the unit of measurement. <i>KGM Kilogram</i> <i>LTR Litre</i> <i>MTR Metre</i>	C an..8	D an..3



**Segment:** **DTM** Date/Time/Period  
**Position:** 0750  
**Group:** SG10-SG17  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 5  
**Purpose:** A segment providing date, time information related to the line item, e.g. production date.

**Notes:**

*Segment Notes:*

*This segment is used to specify the expiry dates (and possibly times) of individual products despatched.*

*Example:*

*DTM+36:20050510:102'*

*Expiry dates is the 10th of May 2005.*

**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 1	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date or time or period function code qualifier	M an..3	M
		Code qualifying the function of a date, time or period.		
		<i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>		
		17	<i>Delivery date/time, estimated</i>	
			<i>Date and/or time when the shipper of the goods expects delivery will take place.</i>	
		36	<i>Expiry date</i>	
			<i>Date of expiry of the validity of a referenced document, price information or any other referenced data element with a limited validity period.</i>	
		361	<i>Best before date</i>	
			<i>[2497] Indication that freshness of goods is limited in time to the date shown.</i>	
		365	<i>Packaging date</i>	
			<i>The date on which the packaging of a product took place.</i>	
	2380	Date or time or period text	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	Date or time or period format code	C an..3	R
		Code specifying the representation of a date, time or period.		
		102	<i>CCYYMMDD</i>	
			<i>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</i>	



**Group:** **LOC** Segment Group 20: Place/Location Identification  
**Position:** 0920  
**Group:** Segment Group 17 (Line Item) Conditional (Dependent)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 100  
**Purpose:** A group of segments giving location information and where relevant, additional addresses, date and time, and quantities.

Segment Summary					
	Pos.	Seg.		Req.	Max.
	Group:				
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>
	<u>Repeat</u>				
M	0930	LOC	Place/Location Identification	M	1
O	0960	QTY	Quantity	C	10



**Segment:** **LOC** Place/Location Identification  
**Position:** 0930 (Trigger Segment)  
**Group:** SG10-SG17-SG20  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying a specific location to which products will be delivered.  
**Notes:** *Segment Notes:*

*This segment is used to identify the location of delivery for a split delivery despatch advice. This segment can also be used to identify a delivery location for a specific line item which might be different to the delivery location specified in the NAD to LOC segment in the heading section.*

*It is recommended that EAN Global Location Numbers (GLNs) are used to identify delivery locations.*

*Example:*

*LOC+7+5412345678908::9'*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		<b>LOCATION FUNCTION CODE QUALIFIER</b> Code identifying the function of a location. <i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>	M 1 an..3	M
		7 <i>Place of delivery</i> <i>(3246) Place to which the goods are to be finally delivered under transport contract terms (operational term).</i>		
		8 <i>Place of destination</i> <i>Port, airport or other location to which a means of transport or transport equipment is destined.</i>		
C517		<b>LOCATION IDENTIFICATION</b> Identification of a location by code or name.	C 1	R
	3225	<b>Location name code</b> Code specifying the name of the location. <i>EAN Recommend the use of EAN Global Location Numbers. For Australia and New Zealand domestic use only - where GLNs are not available for use e.g., because of migration, non-GLNs can be used in the LOC segment.</i>	C an..35	R
	1131	<b>Code list identification code</b> Code identifying a user or association maintained code list.	C an..17	O
	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C an..3	O
		9 <i>EAN International</i> <i>EAN International, an organization of EAN Member Organizations, who along with the Uniform Code Council manages the EAN.UCC System.</i>		
		92 <i>Assigned by buyer or buyer's agent</i> <i>Codes assigned by a buyer or buyer's agent.</i>		
	3224	<b>Location name</b> Name of the location.	C an..256	O
C519		<b>RELATED LOCATION ONE IDENTIFICATION</b> Identification the first related location by code or name.	C 1	X
	3223	<b>First related location name code</b> Code specifying first related location.	C an..25	X
	1131	<b>Code list identification code</b> Code identifying a user or association maintained code list.	C an..17	X
	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C an..3	X
	3222	<b>First related location name</b>	C an..70	X



	Name of first related location.				
<b>C553</b>	<b>RELATED LOCATION TWO IDENTIFICATION</b>	<b>C</b>	<b>1</b>		<b>X</b>
	Identification of second related location by code or name.				
	<b>3233 Second related location name code</b>	<b>C</b>		<b>an..25</b>	<b>X</b>
	Code specifying the second related location.				
	<b>1131 Code list identification code</b>	<b>C</b>		<b>an..17</b>	<b>X</b>
	Code identifying a user or association maintained code list.				
	<b>3055 Code list responsible agency code</b>	<b>C</b>		<b>an..3</b>	<b>X</b>
	Code specifying the agency responsible for a code list.				
	<b>3232 Second related location name</b>	<b>C</b>		<b>an..70</b>	<b>X</b>
	Name of the second related location.				
<b>5479</b>	<b>RELATION CODE</b>	<b>C</b>	<b>1</b>	<b>an..3</b>	<b>X</b>
	Code specifying a relation.				



**Segment:** **QTY** Quantity  
**Position:** 0960  
**Group:** SG10-SG17-SG20  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A segment to specify quantity for the given location.

**Notes:**

*Segment Notes:*

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

*Example:*

QTY+12:14'

*The quantity being despatched is 14.*

*Dependency Notes:*

DE 6411: This DE is only used if the product being despatched is a variable quantity product.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		<b>QUANTITY DETAILS</b> Quantity information in a transaction, qualified when relevant.	M 1	M
	6063	<b>Quantity type code qualifier</b> Code qualifying the type of quantity. <i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>	M an..3	M
		12 <i>Despatch quantity</i> <i>Quantity despatched by the seller.</i>		
		21 <i>Ordered quantity</i> <i>[6024] The quantity which has been ordered.</i>		
		52 <i>Quantity per pack</i> <i>Quantity for each pack.</i>		
	6060	<b>Quantity</b> Alphanumeric representation of a quantity.	M an..35	M
	6411	<b>Measurement unit code</b> Code specifying the unit of measurement.	C an..8	X



**Group:** **PCI** Segment Group 22: Package Identification  
**Position:** 1000  
**Group:** Segment Group 17 (Line Item) Conditional (Dependent)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 9999  
**Purpose:** A group of segments identifying one specific package or a number of packages, their marks and numbers, measurements, quantities, date and time information and handling instructions.

<b>Segment Summary</b>					
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>
	<b>Group:</b>				
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>
	<b>Repeat</b>				
M	1010	PCI	Package Identification	M	1
O	1020	DTM	Date/Time/Period	C	5
O	1030	MEA	Measurements	C	10
O	1040	QTY	Quantity	C	1
	1050		Segment Group 23: Goods Identity Number	C	10
	1080		Segment Group 24: Handling Instructions	C	10



**Segment:** **PCI** Package Identification  
**Position:** 1010 (Trigger Segment)  
**Group:** SG10-SG17-SG22  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment specifying marking and labels used on individual packages or a range of packages.

**Notes:** *Segment Notes:*  
 This segment is used to provide markings and label informatin relevant to the product identified in the LIN segment.  
 Example:  
 PCI+33E'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4233		<b>MARKING INSTRUCTIONS CODE</b> Code specifying instructions for marking.	C 1 an..3	O
		10 <i>Mark batch number</i> <i>Packaging should be marked with batch number.</i>		
		33E <i>Marked with a Serial Shipping Container Code - EAN Code</i>		
		34E <i>Marked with a Global Trade Item Number - EAN Code</i>		
C210		<b>MARKS &amp; LABELS</b> Shipping marks on packages in free text; one to ten lines.	C 1	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	M an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
	7102	<b>Shipping marks description</b> Free form description of the shipping marks.	C an..35	X
8275		<b>CONTAINER OR PACKAGE CONTENTS INDICATOR CODE</b> Code indicating the contents of container or package.	C 1 an..3	X
C827		<b>TYPE OF MARKING</b> Specification of the type of marking that reflects the method that was used and the conventions adhered to for marking (e.g. of packages).	C 1	X
	7511	<b>Marking type code</b>	M an..3	X



1131	Code specifying the type of marking. <b>Code list identification code</b>	<b>C</b>	<b>an..17</b>	<b>X</b>
3055	Code identifying a user or association maintained code list. <b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
	Code specifying the agency responsible for a code list.			



**Segment:** **DTM** Date/Time/Period  
**Position:** 1020  
**Group:** SG10-SG17-SG22  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 5  
**Purpose:** A segment giving the date/time details related to the goods within the packages e.g. expiration date.  
**Notes:** *Segment Notes:*

*This segment is used to provide pertinent date and time details relating to the PCI segment.*

*Example:*

*DTM+36:20050512:102'*

*The expiry date of the product is 10th May 2005.*

**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 1	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	<b>Date or time or period function code qualifier</b>	M an..3	M
		Code qualifying the function of a date, time or period.		
		36 <i>Expiry date</i>		
		<i>Date of expiry of the validity of a referenced document, price information or any other referenced data element with a limited validity period.</i>		
		361 <i>Best before date</i>		
		<i>[2497] Indication that freshness of goods is limited in time to the date shown.</i>		
		365 <i>Packaging date</i>		
		<i>The date on which the packaging of a product took place.</i>		
	2380	<b>Date or time or period text</b>	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	<b>Date or time or period format code</b>	C an..3	R
		Code specifying the representation of a date, time or period.		
		102 <i>CCYYMMDD</i>		
		<i>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</i>		



**Segment:** **MEA** Measurements  
**Position:** 1030  
**Group:** SG10-SG17-SG22  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A segment specifying physical measurements of packages.  
**Notes:**

*Segment Notes:*

*This segment is used to provide measurements relevant to the packaging unit identified in the PCI segment.*

*Example:*

*MEA+PD+AAB+KGM:12'*

*The unit gross weight is 12 kilograms.*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		<b>MEASUREMENT PURPOSE CODE QUALIFIER</b> Code qualifying the purpose of the measurement. <i>PD Physical dimensions (product ordered)</i> <i>Specified measurement dimensions refer to physical dimensions of a product, material or package.</i>	M 1 an..3	M
C502		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	C 1	O
	6313	<b>Measured attribute code</b> Code specifying the attribute measured. <i>AAA Unit net weight</i> <i>[6160] Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale.</i> <i>AAB Unit gross weight</i> <i>[6292] Weight (mass) of goods including packing but excluding the carrier's equipment.</i> <i>ABJ Volume</i> <i>The amount of air space taken up by the entity identified in the 6311 qualifier.</i>	C an..3	R
	6321	<b>Measurement significance code</b> Code specifying the significance of a measurement.	C an..3	R
	6155	<b>Non-discrete measurement name code</b> Code specifying the name of a non-discrete measurement.	C an..17	X
	6154	<b>Non-discrete measurement name</b> Name of a non-discrete measurement.	C an..70	X
C174		<b>VALUE/RANGE</b> Measurement value and relevant minimum and maximum values of the measurement range.	C 1	R
	6411	<b>Measurement unit code</b> Code specifying the unit of measurement. <i>Used to specify codes such as KGM or LTR.</i>	M an..8	M
	6314	<b>Measure</b> To specify the value of a measurement.	C an..18	O
	6162	<b>Range minimum quantity</b> To specify the minimum value of a range.	C n..18	O
	6152	<b>Range maximum quantity</b>	C n..18	O



		To specify the maximum value of a range.			
	<b>6432</b>	<b>Significant digits quantity</b>	<b>C</b>	<b>n..2</b>	<b>X</b>
		Count of the number of significant digits.			
<b>7383</b>		<b>SURFACE OR LAYER CODE</b>	<b>C</b>	<b>1 an..3</b>	<b>O</b>
		Code specifying the surface or layer of an object.			



**Segment:** **QTY** Quantity  
**Position:** 1040  
**Group:** SG10-SG17-SG22  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify quantity per package.

**Notes:** *Segment Notes:*  
 This segment is used to define the quantities contained within the packaging identified in the PCI segment for the current line item.  
 Example:  
 QTY+59:48'  
 There are 48 consumer units in the traded unit.  
 DE 6411: This is used only if the product being despatched is a variable quantity.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		<b>QUANTITY DETAILS</b> Quantity information in a transaction, qualified when relevant.	M 1	M
	6063	<b>Quantity type code qualifier</b> Code qualifying the type of quantity. <i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>	M an..3	M
		21 <i>Ordered quantity</i> <i>[6024] The quantity which has been ordered.</i>		
		59 <i>Numbers of consumer units in the traded unit</i> <i>Number of units for consumer sales in a unit for trading.</i>		
	6060	<b>Quantity</b> Alphanumeric representation of a quantity.	M an..35	M
	6411	<b>Measurement unit code</b> Code specifying the unit of measurement.	C an..8	D



**Group:** **GIN** Segment Group 23: Goods Identity Number  
**Position:** 1050  
**Group:** Segment Group 22 (Package Identification) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A group of segments giving package identification numbers and, where relevant, delivery limitation information.

<b>Segment Summary</b>					
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>
	<b>Group:</b>				
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>
	<b>Repeat</b>				
M	1060	GIN	Goods Identity Number	M	1



**Segment:** **GIN** Goods Identity Number  
**Position:** 1060 (Trigger Segment)  
**Group:** SG10-SG17-SG22-SG23  
**Level:** 4  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment providing identification numbers being applied to the packages despatched.  
**Notes:** *Segment Notes:*

*THIS SEGMENT IS YET TO BE FINALISED.*

*This segment is used to provide identification numbers relevant to the packaging unit and level identified in the PCI segment.*

*In EANCOM, it is recommended to use the Serial Shipping Container Codes (SSCCs) for unique identification of individual transport packages.*

*Example:*

*GIN+BJ+35412345000000014:35412345000000106'*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7405		<b>OBJECT IDENTIFICATION CODE QUALIFIER</b> Code qualifying the identification of an object.	M 1 an..3	M
	AW	<i>Serial shipping container code</i> <i>A single unique serial number which identifies shipping containers or shipping packages.</i>		
	BN	<i>Serial number</i> <i>Identification number of an item which distinguishes this specific item out of a number of identical items.</i>		
	BX	<i>Batch number</i> <i>Unique number affixed by manufacturer to a batch of products produced under similar conditions.</i>		
	SRV	<i>Global Trade Item Number</i>		
C208		<b>IDENTITY NUMBER RANGE</b> Goods item identification numbers, start and end of consecutively numbered range.	M 1	M
	7402	<b>Object identifier</b> Code specifying the unique identity of an object.	M an..35	M
	7402	<b>Object identifier</b> Code specifying the unique identity of an object.	C an..35	O
C208		<b>IDENTITY NUMBER RANGE</b> Goods item identification numbers, start and end of consecutively numbered range.	C 1	O
	7402	<b>Object identifier</b> Code specifying the unique identity of an object.	M an..35	M
	7402	<b>Object identifier</b> Code specifying the unique identity of an object.	C an..35	O
C208		<b>IDENTITY NUMBER RANGE</b> Goods item identification numbers, start and end of consecutively numbered range.	C 1	O
	7402	<b>Object identifier</b> Code specifying the unique identity of an object.	M an..35	M
	7402	<b>Object identifier</b> Code specifying the unique identity of an object.	C an..35	O
C208		<b>IDENTITY NUMBER RANGE</b> Goods item identification numbers, start and end of consecutively numbered range.	C 1	X



		Goods item identification numbers, start and end of consecutively numbered range.			
	<b>7402</b>	<b>Object identifier</b>	<b>M</b>	<b>an..35</b>	<b>X</b>
		Code specifying the unique identity of an object.			
	<b>7402</b>	<b>Object identifier</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
		Code specifying the unique identity of an object.			
<b>C208</b>		<b>IDENTITY NUMBER RANGE</b>	<b>C</b>	<b>1</b>	<b>X</b>
		Goods item identification numbers, start and end of consecutively numbered range.			
	<b>7402</b>	<b>Object identifier</b>	<b>M</b>	<b>an..35</b>	<b>X</b>
		Code specifying the unique identity of an object.			
	<b>7402</b>	<b>Object identifier</b>	<b>C</b>	<b>an..35</b>	<b>X</b>
		Code specifying the unique identity of an object.			



**Group:** **HAN** Segment Group 24: Handling Instructions  
**Position:** 1080  
**Group:** Segment Group 22 (Package Identification) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A group of segment providing information on hazardous materials and handling.

<b>Segment Summary</b>					
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>
	<b>Group:</b>				
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>
	<b>Repeat</b>				
M	1090	HAN	Handling Instructions	M	1
O	1100	FTX	Free Text	C	5
O	1110	GIN	Goods Identity Number	C	1000



**Segment:** **HAN** Handling Instructions  
**Position:** 1090 (Trigger Segment)  
**Group:** SG10-SG17-SG22-SG24  
**Level:** 4  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment providing information on handling and notification of hazardous materials.

**Notes:** *Segment Notes:*  
 THIS SEGMENT IS YET TO BE FINALISED.  
 This segment is used to provide handling instructions relevant to the packaging unit and level described in the PCI segment.  
 Example:  
 HAN+EAT

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C524		<b>HANDLING INSTRUCTIONS</b>	C 1	R
	4079	<b>Handling instruction description code</b> Instruction for the handling of goods, products or articles in shipment, storage etc. Code specifying a handling instruction. <i>Refer to EANCOM 2002 Data Element Dictionary for acceptable code values.</i>	C an..3	R
	1131	<b>Code list identification code</b> Code identifying a user or association maintained code list.	C an..17	X
	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list. 9 <i>EAN International</i> <i>EAN International, an organization of EAN Member Organizations, who along with the Uniform Code Council manages the EAN.UCC System.</i>	C an..3	D
	4078	<b>Handling instruction description</b> Free form description of a handling instruction.	C an..70	O
C218		<b>HAZARDOUS MATERIAL</b> To specify a hazardous material.	C 1	O
	7419	<b>Hazardous material category name code</b> Code specifying a kind of hazard for a material. <i>Refer to EANCOM 2002 Data Element Dictionary for acceptable code values.</i>	C an..7	O
	1131	<b>Code list identification code</b> Code identifying a user or association maintained code list. <i>Refer to EANCOM 2002 Data Element Directory for acceptable code values.</i>	C an..17	O
	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list. <i>Refer to EANCOM 2002 Data Element Directory for acceptable code values.</i>	C an..3	O
	7418	<b>Hazardous material category name</b> Name of a kind of hazard for a material. <i>Used to indicate with Packaging Group Risk.</i>	C an..35	O



**Segment:** **FTX** Free Text  
**Position:** 1100  
**Group:** SG10-SG17-SG22-SG24  
**Level:** 5  
**Usage:** Conditional (Optional)  
**Max Use:** 5  
**Purpose:** A segment with free text information in coded or clear form to give further clarification, when required, for hazardous materials.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4451		<b>TEXT SUBJECT CODE QUALIFIER</b> Code qualifying the subject of the text.	M 1 an..3	M
4453		<b>FREE TEXT FUNCTION CODE</b> Code specifying the function of free text.	C 1 an..3	O
<b>C107</b>		<b>TEXT REFERENCE</b> Coded reference to a standard text and its source.	C 1	O
	4441	<b>Free text description code</b> Code specifying free form text.	M an..17	M
	1131	<b>Code list identification code</b> Code identifying a user or association maintained code list.	C an..17	O
	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C an..3	O
<b>C108</b>		<b>TEXT LITERAL</b> Free text; one to five lines.	C 1	O
	4440	<b>Free text</b> Free form text.	M an..512	M
	4440	<b>Free text</b> Free form text.	C an..512	O
	4440	<b>Free text</b> Free form text.	C an..512	O
	4440	<b>Free text</b> Free form text.	C an..512	O
	4440	<b>Free text</b> Free form text.	C an..512	O
3453		<b>LANGUAGE NAME CODE</b> Code specifying the language name.	C 1 an..3	O
4447		<b>FREE TEXT FORMAT CODE</b> Code specifying the format of free text.	C 1 an..3	O



**Segment:** **GIN** Goods Identity Number  
**Position:** 1110  
**Group:** SG10-SG17-SG22-SG24  
**Level:** 5  
**Usage:** Conditional (Optional)  
**Max Use:** 1000  
**Purpose:** A segment providing identification numbers being applied to the packages containing hazardous goods.

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
7405		<b>OBJECT IDENTIFICATION CODE QUALIFIER</b> Code qualifying the identification of an object.	M 1 an..3	M
C208		<b>IDENTITY NUMBER RANGE</b> Goods item identification numbers, start and end of consecutively numbered range.	M 1	M
	7402	<b>Object identifier</b> Code specifying the unique identity of an object.	M an..35	M
	7402	<b>Object identifier</b> Code specifying the unique identity of an object.	C an..35	O
C208		<b>IDENTITY NUMBER RANGE</b> Goods item identification numbers, start and end of consecutively numbered range.	C 1	O
	7402	<b>Object identifier</b> Code specifying the unique identity of an object.	M an..35	M
	7402	<b>Object identifier</b> Code specifying the unique identity of an object.	C an..35	O
C208		<b>IDENTITY NUMBER RANGE</b> Goods item identification numbers, start and end of consecutively numbered range.	C 1	O
	7402	<b>Object identifier</b> Code specifying the unique identity of an object.	M an..35	M
	7402	<b>Object identifier</b> Code specifying the unique identity of an object.	C an..35	O
C208		<b>IDENTITY NUMBER RANGE</b> Goods item identification numbers, start and end of consecutively numbered range.	C 1	O
	7402	<b>Object identifier</b> Code specifying the unique identity of an object.	M an..35	M
	7402	<b>Object identifier</b> Code specifying the unique identity of an object.	C an..35	O
C208		<b>IDENTITY NUMBER RANGE</b> Goods item identification numbers, start and end of consecutively numbered range.	C 1	O
	7402	<b>Object identifier</b> Code specifying the unique identity of an object.	M an..35	M
	7402	<b>Object identifier</b> Code specifying the unique identity of an object.	C an..35	O



**Group:** **QVR** Segment Group 25: Quantity Variances  
**Position:** 1120  
**Group:** Segment Group 17 (Line Item) Conditional (Dependent)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A group of segments identifying quantity variances, the reason for the variance, and, when relevant, date and time information.

<b>Segment Summary</b>					
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>
	<b>Group:</b>				
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>
	<b>Repeat</b>				
M	1130	QVR	Quantity Variances	M	1
O	1140	DTM	Date/Time/Period	C	5



**Segment:** **QVR** Quantity Variances  
**Position:** 1130 (Trigger Segment)  
**Group:** SG10-SG17-SG25  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying a quantity variance and the reason for the variance.  
**Notes:** *Segment Notes:*

*This segment is used to specify any variances between what was ordered and what is ready for or has been despatched.*

*The quantity identified in DE 6064 must always refer to the difference between the despatched quantity identified in DE 6060 of QTY at LIN levles and the ordered quantity. For negative values, e.g., damaged goods not accepted, the variance must be expressed as negative.*

*Example:*

*QVR+50:21'*

*The QTY at line level identified the fact that 450 units were ordered and that 400 were being despatched, so therefore the quantity variance is 50 units.*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C279		<b>QUANTITY DIFFERENCE INFORMATION</b> Information on quantity difference.	C 1	R
	6064	<b>Variance quantity</b> To specify the value of a quantity variance.	M n..15	M
	6063	<b>Quantity type code qualifier</b> Code qualifying the type of quantity. 21 <i>Ordered quantity</i> <i>[6024] The quantity which has been ordered.</i> 66 <i>Committed quantity</i> <i>Quantity a party is committed to.</i>	C an..3	R
4221		<b>DISCREPANCY NATURE IDENTIFICATION CODE</b> Code specifying the identification used to define the nature of a discrepancy. BP <i>Shipment partial - back order to follow</i> <i>A portion of the previous order is being held as open, as enough material was not available to fulfil the requirement.</i> CP <i>Shipment partial - considered complete, no backorder</i> <i>The quantity shipped is less than the amount authorized and there is no plan to ship the remaining amount.</i>	C 1 an..3	O
C960		<b>REASON FOR CHANGE</b> Code and/or description of the reason for a change.	C 1	X
	4295	<b>Change reason description code</b> Code specifying the reason for a change.	C an..3	X
	1131	<b>Code list identification code</b> Code identifying a user or association maintained code list.	C an..17	X
	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C an..3	X
	4294	<b>Change reason description</b> Free form description of the reason for change.	C an..35	X



**Segment:** **DTM** Date/Time/Period  
**Position:** 1140  
**Group:** SG10-SG17-SG25  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 5  
**Purpose:** A segment to give date and time information relative to the quantity variances, e.g. proposed delivery date on the back order.

**Notes:** *Segment Notes:*  
 This segment is used to specify dates relevant to the quantity variance specified in the preceding QVR segment.  
 Example:  
 DTM+102:20050510:102'  
 The expected ship by date is 10th May 2005.

**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 1	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date or time or period function code qualifier	M an..3	M
		Code qualifying the function of a date, time or period.		
		<i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>		
		17	Delivery date/time, estimated	
			Date and/or time when the shipper of the goods expects delivery will take place.	
	2380	Date or time or period text	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	Date or time or period format code	C an..3	R
		Code specifying the representation of a date, time or period.		
		102	CCYYMMDD	
			Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	



**Segment:** **CNT** Control Total  
**Position:** 1150  
**Group:**  
**Level:** 0  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A segment by which control totals may be provided by sender for checking by the receiver.  
**Notes:** *Segment Notes:*

*This segment is used to provide message control information for checking on the message receiver's in-house system.*

*DE 6069: When using code value '7= Total gross weight' in this data element the total specified in data element 6066 is arrived at by adding the values in data element 6314 of the MEA segment at LIN level when code value AAB is used in the same MEA segment.*

*When using code value '11= Total number of packages' in this data element the total specified in data element 6066 is arrived at by adding the values in data element 7224 of the PAC segments in the messages.*

*When using code value '29 = Total net weight of consignment' in this data element the total specified in data element 6066 is arrived at by adding the values in data element 6314 of the MEA segment at LIN level when code value AAA is used in the same MEA segment.*

*Example :*

*CNT+2:12'*

*There are 12 lines in the message.*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C270		<b>CONTROL</b>	<b>M 1</b>	<b>M</b>
		Control total for checking integrity of a message or part of a message.		
	6069	<b>Control total type code qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code qualifying the type of control of hash total.		
		<i>THIS HAS AN EANCOM RESTRICTED CODE LIST.</i>		
		1 <b>Total of line item quantities</b>		
		<i>Algebraic total of the quantity values in line items in a message.</i>		
		2 <b>Number of line items in message</b>		
		<i>Total number of line items in the message.</i>		
		<i>Required: Total count of LIN segments in the shipment.</i>		
	6066	<b>Control total quantity</b>	<b>M n..18</b>	<b>M</b>
		To specify the value of a control quantity.		
	6411	<b>Measurement unit code</b>	<b>C an..8</b>	<b>X</b>
		Code specifying the unit of measurement.		



**Segment:** **UNT** Message Trailer  
**Position:** 1160  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

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

*Example:"*

*UNT+45+ME0000001'*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0074		<b>NUMBER OF SEGMENTS IN A MESSAGE</b>	<b>M 1 n..6</b>	<b>M</b>
		Control count of number of segments in a message.		
		<i>The total number of segments in the message is detailed here.</i>		
0062		<b>MESSAGE REFERENCE NUMBER</b>	<b>M 1 an..14</b>	<b>M</b>
		Unique message reference assigned by the sender.		
		<i>The reference number used in the UNH segment must be repeated here.</i>		



**Segment:** **UNZ** Interchange Trailer  
**Position:** 1180  
**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		<b>INTERCHANGE CONTROL COUNT</b>	<b>M 1 n..6</b>	<b>M</b>
		Count either of the number of messages or, if used, of the number of functional groups in an interchange.		
		<i>Total count of UNH/UNT segment loop repeats. If UNG/UNE functional group is presented, this is the total count of the UNG/UNE segment loop repeats.</i>		
0020		<b>INTERCHANGE CONTROL REFERENCE</b>	<b>M 1 an..14</b>	<b>M</b>
		Unique reference assigned by the sender to an interchange.		
		<i>The value presented here must match with the value presented in DE 0020 in segment UNB.</i>		

