Message Implementation Guideline

Despatch Advice Message

DESADV

(Based on the EANCOM 2002 Guideline using UN/EDIFACT Directory D.01B)

Version 2.2

May 2024

Document Change Control

Document Version	Released	By SPS Commerce	Changes
V 1.0	November 2021	Asad Enait	Created Document
V 2.0	February 2022	Asad Enait	Added AAA as code qualifier for Net weight in MEA segment on page 32
V 2.1	July 2023	Asad Enait	Added additional Unit of measure in QTY segment
V 2.2	May 2024	Asad Enait	Added clarification regarding mixed pallet under DESADV Document Structure section on page 8 Added clarification regarding requirements of Expiry Date and Best Before date page 44

Purpose of this Implementation Guide

The purpose of this guide is to provide suppliers with the necessary information to enable the implementation of sending Despatch Advice messages to Pet Circle.

Who should use this Guide

This guide is intended for use by Pet Circle suppliers to prepare for the implementation of Electronic Data Interchange (EDI) and to assist with applications integration, thereby ensuring successful electronic trading.

EDIFACT Specifications

1 UN/EDIFACT Specifications

1.1 Definition of UN/EDIFACT

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

1.2 UN/EDIFACT Syntax

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

1.2.1 Structure of an Interchange

An interchange may consist of the following segments:

Segment ID	Segment Name	Status
UNA	Service String Advice	Conditional
UNB	Interchange Header	Mandatory
UNG	Functional Group Header	Conditional
UNH	Message Header	Mandatory
	User Data Segments	
UNT	Message Trailer	Mandatory
UNE	Functional Group Trailer	Conditional
UNZ	Interchange Trailer	Mandatory

Segments starting with "UN" are called service segments. They constitute the envelope or the "packing" of the EDIFACT messages. User data segments contain the information itself, in a format specific to each message type.

1.2.2 Structure of a Message

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

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

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

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

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

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

1.2.3 Segment Structure

A segment consists of:

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

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

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

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

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

1.2.4 Separators

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

	ASCII	HEX	
Apostrophe	'	27	Segment terminator
Decimal Point	.	2E	Decimal Point
Plus sign	+	2B	Segment tag and data element separator
Colon	:	3A	Component data element separator
Question mark	?	3F	Release character; immediately preceding one of the service characters, it restores their normal meaning. E.g. 10?+10=20 means 10+10=20. Question mark is represented by ??

1.3 UN/EDIFACT Documentation Conventions

1.3.1 Format and Picture of Data Elements

The following conventions apply in the present documentation:

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

The format and picture of the data elements that will be used by Pet Circle in the following EDI documents comply with the UN/EDIFACT Standards.

1.3.2 Status indicators

There are five types of status used in the following pages, whether for simple, component or composite data elements. They are listed below and can be identified when relevant by the abbreviations.

M	Specified within the Standards as Mandatory, used as a trigger element.
Must Use	Required by Pet Circle for specific implementation or business rules
D	Dependent on a mutual agreement between the sender and receiver of the message, governed by Business rules and / or a special arrangement, i.e. Primary Freight, etc.
O	Data that can be omitted based on an agreement between the sender and receiver.
Not Used	Segment/data elements defined as optional by standard specification and are not required for this Implementation. Data elements or composite elements not used preceding those indicated otherwise are shown for additional clarity. Unused trailing elements will not be shown in this document.

1.3.3 Interchange Structure

The interchange structure in an EDIFACT transmission is organized in several grouping levels. The service segments are the envelope of the groups.

The first service segment possible in an interchange is the 'UNA' segment which is used to define the separators being used in the interchange. The second service segment, 'UNB', indicates the beginning of the interchange. The next one, 'UNG', indicates the beginning of a group of messages of the same type, for example invoices. The last service segment, 'UNH', indicates the beginning of a given message. To each beginning service segment corresponds an ending service segment (note, UNA is not a beginning segment).

Service string advice: UNA

Interchange envelope: UNB .... UNZ

Group envelope: UNG .... UNE

Message envelope: UNH .... UNT

Segment UNA is dependent on the character set being used. Pet Circle interchanges will include the UNA segment, as the UN/EDIFACT character set (C) will be used.

Segments UNG..UNE are Conditional/Optional. These segments will not be sent as standard in this MIG.

1.3.4 Interchange Control Structure (Envelope)

Introduction:

The Service String Advice, UNA, and the service segments UNB to UNZ shall appear in the below stated order in an interchange. There may be several functional groups or messages within an interchange and several messages in a functional group. A message consists of segments.

Pos. No.	Seg. ID	Name	Base Status	User Status	Group Max.Use	Notes and Repeat Comments
0000	UNA	Service String Advice	O	O	1	
0010	UNB	Interchange Header	M	M	1	
0020	UNH	Message Header	M	M	1	
0030	UNT	Message Trailer	M	M	1	
0040	UNZ	Interchange Trailer	M	M	1	

Despatch Advice Message Business Rules

This section describes how the Despatch Advice messages (DESADV documents) are to be used in trading electronically with Pet Circle.

As confirmation of shipment content and information for visibility and receiving automation, suppliers are required to provide a DESADV message for all electronically created orders. One DESADV must be sent per Purchase Order in a shipment. If multiple orders are included in a physical shipment, one DESADV must be sent for each Purchase Order, with the Consignment note number repeating.

- A Despatch Advice only relates to one Purchase Order.
- A Despatch Advice can only have one Invoice
- A Despatch Advice can only relate to one delivery truck
- A delivery truck can have one or more Despatch Advice messages

Suppliers are expected to pack, label and transmit DESADV message representing the content of the shipment, prior to the delivery of goods at Pet Circle DC / Warehouse. The message relates to a single despatch point and a single destination point. The Despatch Advice message should always be sent before goods are physically delivered. Pet Circle will use the DESADV data to prepare efficiently for the reception of the goods. This will allow Pet Circle to:

- know when the items have been despatched;
- have the precise details of the consignment;
- enable the control between ordered and despatched goods.

In the Despatch Advice message, each unit delivered (pallet or carton) is uniquely identified and the products contained within are described. When the goods are received, the physical shipment and the electronic message are cross-checked. Discrepancies are immediately identified. A standard GS1 Serial Shipping Container Code structure is recommended to identify the units.

DESADV Document Structure

This message implementation guide enables a hierarchical description of the shipment, starting with the highest level (shipment) and ending with the lowest level (items).

The shipment models supported are:
- SOPI (Shipment, Order, Pack/Carton, Item – used for loose cartons) format. In this format, the supplier indicated the Despatch Advice message contains the SSCC code (GS1 Shipping label) at Carton level. Carton can contain single or multiple SKU.
- SOTI (Shipment, Order, Tare/Pallet, Item – used for homogenous pallet, i.e. one item packed in cartons or loose items on pallet) format. In this format, the supplier indicated the Despatch Advice message contains the SSCC code (GS1 Shipping label) at Pallet level.

For Mixed Pallet / Rainbow pallet (different items), Pet Circle's preference is to have SSCC label on each Carton or each Pallet layer. Suppliers can make virtual pallet by shrink wrapping cartons of same product and apply SSCC to the virtual pallet. Multiple virtual pallets can be placed on one physical pallet.

Example: shipment of 12 cases of product1, 12 cases of product2 and 1 case of product3 will have 3 SSCC labels: 2 pallet SSCCs and 1 Carton SSCC.

Pet Circle however will accept multiple SKU per Single SSCC per pallet if the first two options are not feasible for supplier.

GS1 Label Requirements – Suppliers are required to provide shipping label on cartons or/and pallets within the shipment. Label placement must follow Pet Circle supplier compliance requirements and the SSCC carton/pallet ID represented in the GS1-UCC128 barcode number must be correctly provided in the supplier's Despatch Advice message.

Timing

The Despatch Advice needs to be transmitted as soon as possible after the picking of the Purchase Order is complete, to make sure that it can be received, validated and forwarded to the final delivery location, prior to the stock arriving.

Pet Circle would prefer suppliers providing the Despatch Advice as soon as possible after sending the Purchase Order Response.

Additions

Suppliers must not add additional line items that were not in the original Purchase Order.

No Substitution in a Despatch Advice

Suppliers must not substitute for items ordered.

Backorders

Pet Circle will allow backorders.

Over-shipment

Over-shipment is only permitted to round up the order quantity to a full pack size, with 10% variation permitted.

Validations

An accepted Despatch Advice number cannot be re-used by a supplier for a 12 month period.
SSCCs cannot be re-used by a supplier within a 12 month period.
Pet Circle will validate SSCC's sent on a Despatch Advice against SSCC's already receipted into Stock.

DESADV Despatch Advice Message

Introduction:

A message specifying details for goods despatched or ready for despatch under agreed conditions.
The United Nations Despatch Advice Message serves both as a specification for Delivery Despatch Advice and also as a Returns Despatch Advice message. Throughout this document, the reference to 'Despatch Advice' may be interpreted as conveying the wider meaning of 'Delivery Despatch Advice/Returns Despatch Advice'.

Notes:

This Message Implementation Guide (MIG) is based on the EANCOM® 2002 Australian Retail Industry Implementation Guidelines for the Despatch Advice Message derived from the international UN/EDIFACT directory D.01B.

Dependency Notes:

1) All Despatch Advice messages received from suppliers will be acknowledged with a CONTRL (Syntax and Service Report message) to confirm the receipt of the Interchange.

Heading Section:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
Must Use		UNA	Service String Advice	C	1		
M	0005	UNB	Interchange Header	M	1		
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
Must Use	0030	DTM	Date/Time/Period	C	3		
D	0040	ALI	Additional Information	C	1		
Must Use	0080		Segment Group 1: RFF	C		2	
M	0090	RFF	Reference	M	1		
Must Use	0110		Segment Group 2: NAD	C		3	
M	0120	NAD	Name and Address	M	1		
O	0240		Segment Group 6: TDT	C		1	
M	0250	TDT	Details of Transport	M	1		

Detail Section:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
Must Use	0390		Segment Group 10: CPS-SG11-SG17	C		9999	
M	0400	CPS	Consignment Packing Sequence	M	1		
Must Use	0430		Segment Group 11: PAC-MEA-SG13	C		2	
M	0440	PAC	Package	M	1		
O	0450	MEA	Measurements	C	4		
D	0500		Segment Group 13: PCI-SG15	C		1	
M	0510	PCI	Package Identification	M	1		
Must Use	0570		Segment Group 15: GIN	C		1	

M	0580	GIN	Goods Identity Number	M	1		
D	0650		Segment Group 17: LIN-PIA-IMD-QTY-DTM-SG22-SG25	C		9999	
M	0660	LIN	Line Item	M	1		
Must Use	0670	PIA	Additional Product Id	C	2		
O	0680	IMD	Item Description	C	1		
Must Use	0700	QTY	Quantity	C	1		
D	0750	DTM	Date/Time/Period	C	2		
O	0990		Segment Group 22: PCI-SG23	C		1	
M	1000	PCI	Package Identification	M	1		
Must Use	1040		Segment Group 23: GIN	C		2	
M	1050	GIN	Goods Identity Number	M	1		
O	1110		Segment Group 25: QVR	C		1	
M	1120	QVR	Quantity Variances	M	1		

Summary Section:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
Must Use	1140	CNT	Control Total	C	1		
M	1150	UNT	Message Trailer	M	1		
M	1180	UNZ	Interchange Trailer	M	1		

 Pet Circle DESADV

Segment: # UNA Service String Advice
Position:
Group:
Level: 0
Usage: Conditional (Required)
Max Use: 1
Purpose: To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows. The specifications in the Service string advice take precedence over the specifications for delimiter etc. in UNB segment. When transmitted, the Service string advice must appear immediately before the Interchange Header (UNB) segment and begin with the upper case characters UNA immediately followed by the six characters selected by the sender to indicate, in the following sequence: *UNA:+.? '*

Notes: Example:

UNA:+.? '

Data Element Summary

	Data Element	Component Element	Name		Attributes
M	0010		**COMPONENT DATA ELEMENT SEPARATOR**	M	an..1
			Composite element delimiter **:** Colon		
M	0020		**DATA ELEMENT SEPARATOR**	M	an..1
			Data element delimiter **+** Plus sign		
M	0030		**DECIMAL NOTATION**	M	an..1
			The character transferred in this position shall be ignored by the recipient. Retained to maintain upward compatibility with earlier versions of the syntax. **.** Full stop / Period		
M	0040		**RELEASE INDICATOR**	M	an..1
			Release indicator is used to signify that the following texts contain one of the characters used as composite, data or segment delimiter, hence release its usage convention for that instance. **?** Question mark		
M	0050		**RESERVED FOR FUTURE USE**	M	an..1
			Not used. White space (blank)		
M	0060		**SEGMENT TERMINATOR**	M	an..1
			Used to delimit the end of the current segment and start a new segment. **'** Apostrophe		

Position:	0005
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	To start, identify and specify an interchange
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	All messages implemented based on EANCOM® 2002 will use syntax level C, version 3 as indicated in DE 0001 and DE 0002 as UNOC:3.
	This supports all characters defined in ISO 8859-1 : Information processing - Part 1: Latin alphabet No. 1
	Example:
	UNB+UNOC:3+SUPPLIER_GLN:14+9377779384084:14+210319:1005+73920001++++1'
	UNB+UNOC:3+SUPPLIER_GLN:14+TST1PETCIRCLE:ZZZ+210319:1005+73++++1'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	S001		**SYNTAX IDENTIFIER**	M	1
			Identification of the agency controlling the syntax and indication of syntax level.		
M		0001	**Syntax identifier**	M	a4
			Coded identification of the agency controlling a syntax and syntax level used in an interchange.		
			UNOC UN/ECE level C		
			As defined in ISO/IEC 8859-1 : Information technology - Part 1: Latin alphabet No. 1.		
M		0002	**Syntax version number**	M	n1
			Version number of the syntax identified in the syntax identifier (0001).		
			3 Version 3		
			ISO 9735 Amendment 1:1992.		
M	S002		**INTERCHANGE SENDER**	M	1
			Identification of the sender of the interchange.		
M		0004	**Sender identification**	M	an..35
			Name or coded representation of the sender of a data interchange.		
			The identifier / GLN of the sending party; supplier		
Must Use		0007	**Partner identification code qualifier**	C	an..4
			Qualifier referring to the source of codes for the identifiers of interchanging partners.		
			14 EAN International		
			Partner identification code assigned by the European Article Numbering Association.		
			ZZZ Mutually defined		
			Mutually defined between trading partners.		
Not Used		0008	**Address for reverse routing**	C	an..14
			Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing.		
M	S003		**INTERCHANGE RECIPIENT**	M	1
			Identification of the recipient of the interchange.		
M		0010	**Recipient identification**	M	an..35

Name or coded representation of the recipient of a data interchange.

Pet Circle will use the following addresses:

Production EDI Identifier	**9377779384084**
Testing & Certification EDI Identifier	**TST1PETCIRCLE**

Must Use		**0007**	**Partner identification code qualifier**	**C**	**an..4**

Qualifier referring to the source of codes for the identifiers of interchanging partners.

14	EAN International
	Partner identification code assigned by the European Article Numbering Association.
	Pet Circle code qualifier used for Production
ZZZ	Mutually defined
	Mutually defined between trading partners.
	Pet Circle code qualifier used for Testing & Certification.

Not Used		**0014**	**Routing address**	**C**	**an..14**

Address specified by the recipient of an interchange to be included by the sender and used by the recipient for routing of received interchanges inside his organization.

M	**S004**		**DATE AND TIME OF PREPARATION**	**M**	**1**

Date and time of preparation of the interchange.

M		**0017**	**Date of preparation**	**M**	**n6**

Local date when an interchange or a functional group was prepared.

Date in YYMMDD format, i.e. March 22nd 2021 is presented as 210322

M		**0019**	**Time of preparation**	**M**	**n4**

Local time of day when an interchange or a functional group was prepared.

Time in 24 hour-clock format, i.e. 3:30 PM is presented as 1530

M	**0020**		**INTERCHANGE CONTROL REFERENCE**	**M**	**1**	**an..14**

Unique reference assigned by the sender to an interchange.

This data element is specified as alphanumeric and, for all Pet Circle implementations, only numbers are accepted as interchange control. The value presented here must match with the value presented in DE 0020 in segment UNZ.

Not Used	**S005**		**RECIPIENTS REFERENCE PASSWORD**	**C**	**1**

Reference or password as agreed between the communicating partners.

Not Used	**0026**		**APPLICATION REFERENCE**	**C**	**1**	**an..14**

Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type.

Not Used	**0029**		**PROCESSING PRIORITY CODE**	**C**	**1**	**a1**

Code determined by the sender requesting processing priority for the interchange.

Must Use	**0031**		**ACKNOWLEDGEMENT REQUEST**	**C**	**1**	**n1**

Code determined by the sender for acknowledgement of the interchange.

Used to indicate if the sender requires an acknowledgement of the message receipt by the receiving party via a CONTRL message. If not specified, the CONTRL message will not be returned to the sender.

1	Requested
	Acknowledgement is requested.

Not Used	**0032**		**COMMUNICATIONS AGREEMENT ID**	**C**	**1**	**an..35**

Identification by name or code of the type of agreement under which the interchange takes place.

Not Used	**0035**		**TEST INDICATOR**	**C**	**1**	**n1**

Indication that the interchange is a test.

	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.

Purpose: A service segment starting and uniquely identifying a message.   The message type code for the Despatch advice message is DESADV.
Note: Despatch advice messages conforming to this document must contain the following data in segment UNH, composite S009:
Data element   0065 DESADV   0052 D   0054 01B
0051 UN

Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment is used to head, identify and specify a message.
DE's 0065, 0052, 0054, and 0051: Indicate that the message is a UNSM Despatch Advice based on the D.01B directory under the control of the United Nations.

Example:

UNH+1+DESADV:D:01B:UN:EAN008'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14
			Unique message reference assigned by the sender.			
			Sequence number of the message in the interchange generated by sender. DE 0062 in the UNH segment will be exactly the same as in the UNT segment.			
M	S009		**MESSAGE IDENTIFIER**	M	1	
			Identification of the type, version etc. of the message being interchanged.			
M		0065	**Message type identifier**	M		an..6
			Code identifying a type of message and assigned by its controlling agency.			
			DESADV Despatch advice message			
			A code to identify the despatch advice message.			
			EAN Description: A message specifying details for goods despatched or ready for despatch under agreed conditions. The United Nations Despatch Advice Message serves both as a specification for Delivery Despatch Advice and also as a Returns Despatch Advice message.			
M		0052	**Message type version number**	M		an..3
			Version number of a message type.			
			D Draft version/UN/EDIFACT Directory			
			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).			
M		0054	**Message type release number**	M		an..3
			Release number within the current message type version number (0052).			
			01B Release 2001 - B			

			Message approved and issued in the second 2001 release of the UNTDID (United Nations Trade Data Interchange Directory).		
M		**0051**	**Controlling agency**	**M**	**an..2**

Code identifying the agency controlling the specification, maintenance and publication of the message type.

UN   UN/CEFACT

United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).

Must Use		**0057**	**Association assigned code**	**C**		**an..6**

Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.

EAN008   GS1 version control number

Not Used	**0068**		**COMMON ACCESS REFERENCE**	**C**	**1**	**an..35**

Reference serving as a key to relate all subsequent transfers of data to the same business case or file.

Not Used	**S010**		**STATUS OF THE TRANSFER**	**C**	**1**	

Statement that the message is one in a sequence of transfers relating to the same topic.

Not Used		**0070**	**Sequence message transfer number**	**M**		**n..2**

Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.

Not Used		**0073**	**First/last sequence message transfer indication**	**C**	**a1**

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.				
Dependency Notes:					
Semantic Notes:					
Comments:					
Notes:	This segment is used to indicate the type and function of the message and to transmit the identifying number. All references other than the document number DE C106.1004 are to be included in the SG1, segment RFF. Examples: BGM+351+DES587441+9'				

Data Element Summary

	Data Element	Component Element	Name	Attributes	
Must Use	C002		**DOCUMENT/MESSAGE NAME**	C	1
			Identification of a type of document/message by code or name. Code preferred.		
Must Use		1001	**Document name code**	C	an..3
			Code specifying the document name.		
			351 Despatch advice		
			Document/message by means of which the seller or consignor informs the consignee about the despatch of goods.		
Not Used		1131	**Code list identification code**	C	an..17
			Code identifying a user or association maintained code list.		
Not Used		3055	**Code list responsible agency code**	C	an..3
			Code specifying the agency responsible for a code list.		
Not Used		1000	**Document name**	C	an..35
			Name of a document.		
Must Use	C106		**DOCUMENT/MESSAGE IDENTIFICATION**	C	1
			Identification of a document/message by its number and eventually its version or revision.		
Must Use		1004	**Document identifier**	C	an..35
			To identify a document.		
			Despatch Advice number assigned by the document sender.		
Not Used		1056	**Version identifier**	C	an..9
			To identify a version.		
Not Used		1060	**Revision identifier**	C	an..6
			To identify a revision.		
Must Use	1225		**MESSAGE FUNCTION CODE**	C	1 an..3
			Code indicating the function of the message.		
			9 Original		
			Initial transmission related to a given transaction.		
			An original transmission of a DESADV message		
Not Used	4343		**RESPONSE TYPE CODE**	C	1 an..3
			Code specifying the type of acknowledgment required or transmitted.		

Segment: # DTM Date/Time/Period

Position: 0030
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 3
Purpose: Date/time/period related to the whole message.   The DTM segment must be specified at least once to identify the Despatch Advice date.

Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment is used to specify the date of the Despatch Advice or any dates related to the delivery of goods.

DE C507.2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in EANCOM message.

Examples:

DTM+137:20211122:102'
DTM+11:20211122:102'
DTM+17:202111250900:203'

Data Element Summary

Data Element	Component Element	Name	Attributes	
M	C507	**DATE/TIME/PERIOD**	M	1
		Date and/or time, or period relevant to the specified date/time/period type.		
M		2005	**Date or time or period function code qualifier**	M	an..3
		Code qualifying the function of a date, time or period.		
		11	Despatch date and or time		
			(2170) Date/time on which the goods are or are expected to be despatched or shipped.		
			Required: date when the goods are despatched.		
		17	Delivery date/time, estimated		
			Date and/or time when the shipper of the goods expects delivery will take place.		
			Required: estimated date and time for the goods to arrive.		
		137	Document/message date/time		
			(2006) Date/time when a document/message is issued. This may include authentication.		
			Required: Despatch Advice message creation date		
Must Use		2380	**Date or time or period value**	C	an..35
		The value of a date, a date and time, a time or of a period in a specified representation.		
Must Use		2379	**Date or time or period format code**	C	an..3
		Code specifying the representation of a date, time or period.		
		102	CCYYMMDD		
			Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.		
		203	CCYYMMDDHHMM		
			Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.		

Segment:	**ALI** Additional Information				
Position:	0040				
Group:					
Level:	0				
Usage:	Conditional (Dependent)				
Max Use:	1				
Purpose:	A segment indicating that the message is subject to special conditions due to origin, customs preference or commercial factors.				

Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to indicate special conditions.

Note: For Orders that are shipped in one complete shipment it is not necessary to send this segment.   If an Order is split across multiple shipments, then the value of '165' is to be sent in DE 4183 until the final shipment is sent completing the Order; at that time a value of '164' should be sent.

Example:

This shipment forms part of a Split Shipment
ALI+++165'

This shipment completes an Order that has been supplied across multiple 'split' shipments.
ALI+++164'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
Not Used	3239		**COUNTRY OF ORIGIN NAME CODE**	C	1	an..3
			Code specifying the name of the country of origin.			
Not Used	9213		**DUTY REGIME TYPE CODE**	C	1	an..3
			Code specifying a type of duty regime.			
			Refer to D.01B Data Element Dictionary for acceptable code values.			
Must Use	4183		**SPECIAL CONDITION CODE**	C	1	an..3
			Code specifying a special condition.			
		164	Shipment completes order			
			There will be no further shipments for this order as it is considered complete.			
		165	Split shipment			
			Subsequent shipment(s) will arrive for this order as it has been split over more than one shipment.			
Not Used	4183		**SPECIAL CONDITION CODE**	C	1	an..3
			Code specifying a special condition.			
Not Used	4183		**SPECIAL CONDITION CODE**	C	1	an..3
			Code specifying a special condition.			
Not Used	4183		**SPECIAL CONDITION CODE**	C	1	an..3
			Code specifying a special condition.			
Not Used	4183		**SPECIAL CONDITION CODE**	C	1	an..3
			Code specifying a special condition.			

	Group:	**RFF**	Segment Group 1: Reference

Group: **RFF** Segment Group 1: Reference

Position: 0080

Group:
Level: 1

Usage: Conditional (Required)

Max Use: 2

Purpose: A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.

Notes: This Segment Group is used to specify references which relate to the whole Despatch Advice message which includes order number, Carrier's reference number or the shipment tracking information.

Pet Circle requires the original Purchase Order, Booking Reference Number and the Carrier's reference number (Connote) provided in the Despatch Advice message.

Purchase Order number is required as shown in the original Purchase Order.

Examples:

RFF+ON:PO-00000100'
RFF+CN:4122500052884'

Segment Summary

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

	Segment:	**RFF** Reference
	Position:	0090 (Trigger Segment)
	Group:	Segment Group 1 (Reference) Conditional (Required)
	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.
Dependency Notes:		
Semantic Notes:		
Comments:		
Notes:		For examples, see explanatory notes in RFF Segment Group 1 (SG1).

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	C506		REFERENCE	M	1	
			Identification of a reference.			
M		1153	**Reference code qualifier**	M	an..3	
			Code qualifying a reference.			
			CN	Carrier's reference number		
				Reference number assigned by carrier to a consignment.		
				Required: Carrier Carrier's reference number (Consignment note number)		
			ON	Order number (purchase)		
				[1022] Reference number assigned by the buyer to an order.		
				Required: Pet Circle Purchase Order Number		
Must Use		1154	**Reference identifier**	C	an..70	
			Identifies a reference.			
			Provide reference number as qualified in DE C506.1153 Format (DE C506.1153 = ON): Alphanumeric Maximum length: 20 Format (DE C506.1153 = CN): Alphanumeric Maximum length: 70			
Not Used		1156	**Document line identifier**	C	an..6	
			To identify a line of a document.			
Not Used		4000	**Reference version identifier**	C	an..35	
			To identify the version of a reference.			
Not Used		1060	**Revision identifier**	C	an..6	
			To identify a revision.			

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.			
Notes:	All information related to a party's name, address and contact details will be provided in this segment group SG2.			

Examples:

Pet Circle as a Buyer:
NAD+BY+9377779384084::9'

Supplier:
NAD+SU+SUP-00025::92'

Pet Circle DC:
NAD+ST+9377779384091::9'

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0120	NAD	Name and Address	M	1	

Segment: # NAD **Name and Address**
Position: 0120 (Trigger Segment)
Group: Segment Group 2 (Name and Address) Conditional (Required)
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.

Dependency Notes:
Semantic Notes:
Comments:
Notes: For examples, see explanatory notes in NAD Segment Group 2 (SG2).

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	3035		**PARTY FUNCTION CODE QUALIFIER**	M	1	an..3

Code giving specific meaning to a party.

BY		Buyer
		Party to whom merchandise and/or service is sold.
		Required: Buyer (Pet Circle) GLN
ST		Ship to
		Identification of the party to where goods will be or have been shipped.
		Required: DC/Warehouse GLN
SU		Supplier
		Party who supplies goods and/or services.
		Required: supplier's code assigned by Pet Circle

	Data Element	Component Element	Name		Attributes	
Must Use	C082		**PARTY IDENTIFICATION DETAILS**	C	1	

Identification of a transaction party by code.

	Data Element	Component Element	Name		Attributes	
M		3039	**Party identifier**	M		an..35

Code specifying the identity of a party.

Required: For DE 3035 = BY, SU and ST

Pet Circle Buyer ID (DE 3035 = BY)
Format (DE 3035 = BY): Numeric
Minimum length: 13
Maximum length: 13

Pet Circle assigned ship to location number (DE 3035 = ST)
Format (DE 3035 = ST): Numeric
Minimum length: 13
Maximum length: 13

Pet Circle assigned supplier number (DE 3035 = SU)
Format (DE 3035 = SU): Alphanumeric
Minimum length: 1
Maximum length: 10

	Data Element	Component Element	Name		Attributes	
Not Used		1131	**Code list identification code**	C		an..17

Code identifying a user or association maintained code list.

Must Use	3055	**Code list responsible agency code**	**C**		**an..3**

Code specifying the agency responsible for a code list.

	9	EAN International	

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

	92	Assigned by buyer or buyer's agent	

Codes assigned by a buyer or buyer's agent.

Not Used	C058	**NAME AND ADDRESS**	**C**	**1**	

Unstructured name and address: one to five lines.

Not Used	C080	**PARTY NAME**	**C**	**1**	

Identification of a transaction party by name, one to five lines. Party name may be formatted.

Not Used	C059	**STREET**	**C**	**1**	

Street address and/or PO Box number in a structured address: one to four lines.

Not Used	3164	**CITY NAME**	**C**	**1**	**an..35**

Name of a city.

Not Used	C819	**COUNTRY SUB-ENTITY DETAILS**	**C**	**1**	

To specify a part of a country (eg county or part of a city).

Not Used	3251	**POSTAL IDENTIFICATION CODE**	**C**	**1**	**an..17**

Code specifying the postal zone or address.

Not Used	3207	**COUNTRY NAME CODE**	**C**	**1**	**an..3**

Identification of the name of the country or other geographical entity as defined in ISO 3166-1.

Group:	**TDT** Segment Group 6: Details of Transport
Position:	0240
Group:	
Level:	1
Usage:	Conditional (Optional)
Max Use:	1
Purpose:	A group of segments specifying details of the mode, means and method of transport and date/time of departure and destination relevant to the whole despatch advice.
Notes:	A group of segments specifying details of the mode and means of transport and date/time of departure and destination relevant to the whole despatch advice.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0250	TDT	Details of Transport	M	1	

	Data Element	**Component Element**				

Segment: **TDT** Details of Transport
Position: 0250 (Trigger Segment)
Group: Segment Group 6 (Details of Transport)   Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the carriage, and the mode and means of transport of the goods being despatched.
Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment is used to specify transport services used in the despatch advice.

Example:
TDT+20++++:::MY CARRIER'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	8051		**TRANSPORT STAGE CODE QUALIFIER**	M	1	an..3
			Code qualifying a specific stage of transport.			
		20	Main-carriage transport			
			The primary stage in the movement of cargo from the point of origin to the intended destination.			
Not Used	8028		**MEANS OF TRANSPORT JOURNEY IDENTIFIER**	C	1	an..17
			To identify a journey of a means of transport.			
Not Used	C220		**MODE OF TRANSPORT**	C	1	
			Method of transport code or name. Code preferred.			
Not Used	C228		**TRANSPORT MEANS**	C	1	
			Code and/or name identifying the type of means of transport.			
Must Use	C040		**CARRIER**	C	1	
			Identification of a carrier by code and/or by name. Code preferred.			
Not Used		3127	**Carrier identifier**	C		an..17
			To identify a carrier.			
Not Used		1131	**Code list identification code**	C		an..17
			Code identifying a user or association maintained code list.			
Not Used		3055	**Code list responsible agency code**	C		an..3
			Code specifying the agency responsible for a code list.			
Must Use		3128	**Carrier name**	C		an..35
			Name of a carrier.			
			Format: Alphanumeric Maximum length: 35			
Not Used	8101		**TRANSIT DIRECTION INDICATOR CODE**	C	1	an..3
			Code specifying the direction of transport.			
Not Used	C401		**EXCESS TRANSPORTATION INFORMATION**	C	1	
			To provide details of reason for, and responsibility for, use of transportation other than normally utilized.			
Not Used	C222		**TRANSPORT IDENTIFICATION**	C	1	
			Code and/or name identifying the means of transport.			
Not Used	8281		**TRANSPORT MEANS OWNERSHIP INDICATOR CODE**	C	1	an..3
			Code indicating the ownership of a means of transport.			

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. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.
Notes:	This segment group provides information relating to the packing configuration within the current shipment.

The shipment models supported are:
- SSCC at pallet level
- SSCC at carton level

The following packing sequence illustrates how the CPS Segment Group (SG10) is used to provide details relating to a hierarchy of packing sequence.

CPS Level 1 (DE 7075 =1E)
- Shipment or parent level

PAC
- Total number of shipping units in the shipment

CPS Level 2 (DE 7075 = 3)
- If SSCC at pallet level; repeats for each pallet
- If SSCC at carton level; repeats for each carton

PAC
- Total number of cartons (packages), if SSCC at pallet level
- Number 1, if SSCC at carton level

GIN
- SSCC (pallet or carton)

SG 17 LIN
- Product item reference
- Total quantity despatched

Note: Pet Circle requires each SSCC label to contain a single product   (SKU).

Example:

Level 1 - Shipment level: packing sequence consisting of 1 pallet labelled with GS1-128 barcode, such as serial shipping container code (SSCC). This reflects the packing sequence at the shipment level.

CPS+1++1E'
PAC+1++09'

Level 2 - Pallet level: this packing sequence will always have the shipment level as the parent level.

Following example shows 1 item on the pallet packed across 22 cartons.

CPS+2+1+3'

```
          PAC+1++09'
          PCI+33E'
          GIN+AW+0039300638000001015'
          PAC+22++CT'
            LIN+1++3600521078419:SRV'
            PIA+1+12345:SA'
            QTY+12:264:EA'
            DTM+36:20210930:102'
            PCI+34E'
            GIN+BX+BA125054CC'
```

Note: loose items will be included at the line level, but not reported at the packaging level. At pallet level, carton count only is required, excluding the loose items.

Following example shows 2 loose items on the pallet.

```
CPS+2+1+3'
  PAC+1++09'
  MEA+PD+AAB+KGM:356.50'
  PCI+33E'
  GIN+AW+0039300638000002222'
    LIN+1++3600521078419:SRV'
    PIA+1+SKU-002650:IN'
    PIA+1+12345:SA'
    QTY+12:1:EA'
    LIN+2++4002973191811:SRV'
    PIA+1+SKU-002655:IN'
    PIA+1+67890:SA'
    QTY+12:1:EA'
```

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0400	CPS	Consignment Packing Sequence	M	1	
Must Use	0430		Segment Group 11: Package	C		2
D	0650		Segment Group 17: Line Item	C		9999

	Segment:	**CPS** Consignment Packing Sequence

Segment: **CPS** Consignment Packing Sequence
Position: 0400 (Trigger Segment)
Group: Segment Group 10 (Consignment Packing Sequence)   Conditional (Required)
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.
Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment is used to identify the sequence in which packing of the consignment occurs.

Examples:

Shipment Level
CPS+1++1E'

Pallet or Carton Level
CPS+2+1+3'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	7164		**HIERARCHICAL STRUCTURE LEVEL IDENTIFIER**	M	1	an..35	
			To identify a level within a hierarchical structure.				
			Format: Numeric Minimum length: 1 Maximum length: 3				
D	7166		**HIERARCHICAL STRUCTURE PARENT IDENTIFIER**	C	1	an..35	
			To identify the next higher level in a hierarchical structure.				
			Format: Numeric Minimum length: 1 Maximum length: 3				
Must Use	7075		**PACKAGING LEVEL CODE**	C	1	an..3	
			Code specifying a level of packaging.				
		3	Outer				
			For packed merchandise, outermost level of packaging for a shipment.				
			Required for each pallet or/and carton with SSCC label				
		1E	EAN code for highest level				
			Level of packaging, if it exists, which is highest in the packaging hierarchy.				
			Must be used once, at the highest level in each shipment.				

Group:	**PAC** Segment Group 11: Package	
Position:	0430	
Group:	Segment Group 10 (Consignment Packing Sequence) (Required)	Conditional
Level:	2	
Usage:	Conditional (Required)	
Max Use:	2	
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:	This segment group provides information relating to the packing configuration within the current consignment packing sequence (CPS). Different packing sequence presents different contextual meaning to the packing information listed below. For example, in CPS level 1, the PAC SG11 includes the count of pallets for the entire shipment. At CPS level 2, the PAC SG11 includes count of cartons for the preceding pallet.	

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0440	PAC	Package	M	1	
O	0450	MEA	Measurements	C	4	
D	0500		Segment Group 13: Package Identification	C		1

		Segment:	**PAC** Package		

Segment: **PAC** Package
Position: 0440 (Trigger Segment)
Group: Segment Group 11 (Package)   Conditional (Required)
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.
Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment can be used to identify the total number of packages per hierarchical level identified in the CPS segment, in a shipment. The content of each package is subsequently described in the following LIN segment.

Example:

Shipment Level
Describing a two pallet shipment:
PAC+2++09'

Pallet Level
The first pallet contains 44 cartons
PAC+44++CT'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
Must Use	7224		PACKAGE QUANTITY	C	1	n..8
			To specify the number of packages.			
			Total number of packages included for this pack types, according to the packing sequence.			
Not Used	C531		PACKAGING DETAILS	C	1	
			Packaging level and details, terms and conditions.			
Must Use	C202		PACKAGE TYPE	C	1	
			Type of package by name or by code from a specified source.			
Must Use		7065	Package type description code	C		an..17
			Code specifying the type of package.			
		09	EAN code for returnable pallet			
			Used to declare if package type is a pallet of any kind.			
		CT	Carton			
			A cardboard box or container.			
Not Used		1131	Code list identification code	C		an..17
			Code identifying a user or association maintained code list.			
Not Used		3055	Code list responsible agency code	C		an..3
			Code specifying the agency responsible for a code list.			
Not Used		7064	Type of packages	C		an..35
			Description of the form in which goods are presented.			
Not Used	C402		PACKAGE TYPE IDENTIFICATION	C	1	
			Identification of the form in which goods are described.			
Not Used	C532		RETURNABLE PACKAGE DETAILS	C	1	
			Indication of responsibility for payment and load contents of returnable packages.			

Segment: # MEA Measurements

Position: 0450
Group: Segment Group 11 (Package)   Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment specifying physical measurements of the packages/physical units described in the PAC segment.

Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to provide measurements relevant to the packaging unit and level described in the PAC segment.
Examples:

Net unit weight of the packaging unit is 22.50 kilograms
MEA+PD+AAB+KGM:22.50'

There are 12 units per layer and 6 layers on the pallet.
MEA+PD+ULY+NAR:12'
MEA+PD+LAY+NAR:6'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	6311		**MEASUREMENT PURPOSE CODE QUALIFIER**	M	1	an..3
			Code qualifying the purpose of the measurement.			
		PD	Physical dimensions (product ordered)			
			Specified measurement dimensions refer to physical dimensions of a product, material or package.			
Must Use	C502		**MEASUREMENT DETAILS**	C	1	
			Identification of measurement type.			
Must Use		6313	**Measured attribute code**	C		an..3
			Code specifying the attribute measured.			
		AAA	Unit net weight			
			Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale.			
			Net weight in kilograms for the current shipping unit			
		AAB	Unit gross weight			
			Weight (mass) of goods including packing but excluding the carrier's equipment.			
			Gross weight in kilograms for the current shipping unit			
		LAY	Number of layers EAN Code			
		ULY	Number of units per layer EAN Code			
Not Used		6321	**Measurement significance code**	C		an..3
			Code specifying the significance of a measurement.			
Not Used		6155	**Non-discrete measurement name code**	C		an..17
			Code specifying the name of a non-discrete measurement.			
Not Used		6154	**Non-discrete measurement name**	C		an..70
			Name of a non-discrete measurement.			
Must Use	C174		**VALUE/RANGE**	C	1	
			Measurement value and relevant minimum and maximum values of the measurement range.			
M		6411	**Measurement unit code**	M		an..3
			Code specifying the unit of measurement.			
		KGM	Kilogram			

			Required when DE C502.6313 = AAA or AAB		
	NAR		EAN code for number of articles		
			Required when DE C502.6313 = LAY or ULY		

| **Must Use** | **6314** | **Measurement value** | **C** | **an..18** |
| | | To specify the value of a measurement. | | |

Format: Numeric (DE C502.6313 = LAY or ULY)
Format: Numeric, 2 decimal places (DE C502.6313 = AAA or AAB)
Maximum length: 15

Not Used	**6162**	**Range minimum value**	**C**	**n..18**
		To specify the minimum value of a range.		
Not Used	**6152**	**Range maximum value**	**C**	**n..18**
		To specify the maximum value of a range.		
Not Used	**6432**	**Significant digits quantity**	**C**	**n..2**
		Count of the number of significant digits.		
Not Used	**7383**	**SURFACE OR LAYER CODE**	**C**	**1 an..3**
		Code specifying the surface or layer of an object.		

	Group:	**PCI** **Segment Group 13: Package Identification**
	Position:	0500
	Group:	Segment Group 11 (Package) Conditional (Required)
	Level:	3
	Usage:	Conditional (Dependent)
	Max Use:	1
	Purpose:	A group of segments specifying markings, labels, and packing numbers.
	Notes:	Segment Group 13 must be used for providing pallet or carton SSCC.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0510	PCI	Package Identification	M	1	
Must Use	0570		Segment Group 15: Goods Identity Number	C		1

Segment:	**PCI** Package Identification
Position:	0510 (Trigger Segment)
Group:	Segment Group 13 (Package Identification) Conditional (Dependent)
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.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	This segment is used to provide markings and labels information relevant to the packaging unit and level identified in the PAC segment. Example: PCI+33E'

Data Element Summary

	Data Element	Component Element	Name	Attributes		
Must Use	**4233**		**MARKING INSTRUCTIONS CODE**	C	1	an..3
			Code specifying instructions for marking.			
		33E	Marked with serial shipping container code (EAN Code)			
			Indication that the serial shipping container code has been marked on a package.			
Not Used	**C210**		**MARKS & LABELS**	C	1	
			Shipping marks on packages in free text; one to ten lines.			
Not Used	**8275**		**CONTAINER OR PACKAGE CONTENTS INDICATOR CODE**	C	1	an..3
			Code indicating the contents of container or package.			
Not Used	**C827**		**TYPE OF MARKING**	C	1	
			Specification of the type of marking that reflects the method that was used and the conventions adhered to for marking (e.g. of packages).			

	Group:	**GIN** Segment Group 15: Goods Identity Number				
	Position:	0570				
	Group:	Segment Group 13 (Package Identification)		Conditional (Dependent)		
	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 and/or GTIN of the products included in the delivery.				

Segment Summary

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

			Segment:	**GIN** Goods Identity Number

Segment: **GIN** Goods Identity Number
Position: 0580 (Trigger Segment)
Group: Segment Group 15 (Goods Identity Number)   Conditional (Required)
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment providing the identity numbers of packages being despatched.
Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment is used to provide identification numbers relevant to the packaging unit and level identified in the CPS segment.

Example:

GIN+AW+393107380000001062'

Data Element Summary

	Data Element	Component Element	Name	Attributes		
M	7405		**OBJECT IDENTIFICATION CODE QUALIFIER**	M	1	an..3
			Code qualifying the identification of an object.			
		AW	Serial shipping container code			
			A single unique serial number which identifies shipping containers or shipping packages.			
M	C208		**IDENTITY NUMBER RANGE**	M	1	
			Goods item identification numbers, start and end of consecutively numbered range.			
M		7402	**Object identifier**	M		an..35
			Code specifying the unique identity of an object.			
			Numeric representation of GS1 18 Barcodes (20 digit with Application Identifier included)			
			Format: Numeric			
			Minimum length: 18			
			Maximum length: 20			
Not Used		7402	**Object identifier**	C		an..35
			Code specifying the unique identity of an object.			
Not Used	C208		**IDENTITY NUMBER RANGE**	C	1	
			Goods item identification numbers, start and end of consecutively numbered range.			
Not Used	C208		**IDENTITY NUMBER RANGE**	C	1	
			Goods item identification numbers, start and end of consecutively numbered range.			
Not Used	C208		**IDENTITY NUMBER RANGE**	C	1	
			Goods item identification numbers, start and end of consecutively numbered range.			
Not Used	C208		**IDENTITY NUMBER RANGE**	C	1	
			Goods item identification numbers, start and end of consecutively numbered range.			

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.					

Notes:

This segment group provides information relating to the products included in the delivery according to the packing configuration within the current consignment packing sequence.

The detail section is formed by a repeating group of segments, always starting with a LIN segment.

Pet Circle will use Item GTIN as product identification.

Examples:

Item with GTIN:
LIN+1++4002973191811:SRV'
PIA+1+VEN-002652:IN'
PIA+1+VEN-BBKD778:SA'
QTY+12:10:EA'

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0660	LIN	Line Item	M	1	
Must Use	0670	PIA	Additional Product Id	C	2	
O	0680	IMD	Item Description	C	1	
Must Use	0700	QTY	Quantity	C	1	
D	0750	DTM	Date/Time/Period	C	2	
O	0990		Segment Group 22: Package Identification	C		1
O	1110		Segment Group 25: Quantity Variances	C		1

Segment:	**LIN** Line Item			
Position:	0660 (Trigger Segment)			
Group:	Segment Group 17 (Line Item)	Conditional (Dependent)		
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.			

Dependency Notes:
Semantic Notes:
Comments:

Notes:
Examples:
LIN+1++9311770597067:SRV'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
Must Use	**1082**		**LINE ITEM IDENTIFIER**	C	1	an..6
			To identify a line item.			
			Application generated sequential line number. The line number must be unique within the current message. Format: Numeric Maximum length: 6			
Not Used	**1229**		**ACTION REQUEST/NOTIFICATION DESCRIPTION CODE**	C	1	an..3
			Code specifying the action to be taken or already taken.			
Must Use	**C212**		**ITEM NUMBER IDENTIFICATION**	C	1	
			Goods identification for a specified source.			
Must Use		**7140**	**Item identifier**	C		an..35
			To identify an item.			
			The Global Trade Item Number (GTIN) of the product being ordered. Format: Numeric Minimum length: 8 Maximum length: 14			
Must Use		**7143**	**Item type identification code**	C		an..3
			Coded identification of an item type.			
		SRV	EAN.UCC Global Trade Item Number			
			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'.			
Not Used		**1131**	**Code list identification code**	C		an..17
			Code identifying a user or association maintained code list.			
Not Used		**3055**	**Code list responsible agency code**	C		an..3
			Code specifying the agency responsible for a code list.			
Not Used	**C829**		**SUB-LINE INFORMATION**	C	1	
			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.			
Not Used	**1222**		**CONFIGURATION LEVEL NUMBER**	C	1	n..2
			To specify a level within a configuration.			
Not Used	**7083**		**CONFIGURATION OPERATION CODE**	C	1	an..3
			Code specifying the configuration operation.			

		Segment:	**PIA** Additional Product Id

Segment: **PIA** Additional Product Id
Position: 0670
Group: Segment Group 17 (Line Item)   Conditional (Dependent)
Level: 3
Usage: Conditional (Required)
Max Use: 2
Purpose: A segment providing additional product identification.
Dependency Notes:
Semantic Notes:
Comments:
Notes: PIA segment is used to provide the identification of the product being shipped.

Examples:

PIA+1+VEN-002652:SA'

Data Element Summary

Data Element	Component Element	Name		Attributes	
M	4347	**PRODUCT IDENTIFIER CODE QUALIFIER**	M	1	an..3
		Code qualifying the product identifier.			
	1	Additional identification			
		Information which specifies and qualifies product identifications.			
		Used to provide an additional product identification when DE C212.7143 = SA or IN			
M	C212	**ITEM NUMBER IDENTIFICATION**	M	1	
		Goods identification for a specified source.			
Must Use	7140	**Item identifier**	C		an..35
		To identify an item.			
		Used to provide primary or additional information for the product.			
		When DE C212.7143 = IN Maximum length: 20			
		When DE C212.7143 = SA Maximum length: 35			
Must Use	7143	**Item type identification code**	C		an..3
		Coded identification of an item type.			
	IN	Buyer's item number			
		The item number has been allocated by the buyer.			
		Optional: Pet Circle product code			
	SA	Supplier's article number			
		Number assigned to an article by the supplier of that article.			
		Required: Supplier's assigned product code.			
Not Used	1131	**Code list identification code**	C		an..17
		Code identifying a user or association maintained code list.			
Not Used	3055	**Code list responsible agency code**	C		an..3
		Code specifying the agency responsible for a code list.			
Not Used	C212	**ITEM NUMBER IDENTIFICATION**	C	1	
		Goods identification for a specified source.			
Not Used	C212	**ITEM NUMBER IDENTIFICATION**	C	1	
		Goods identification for a specified source.			
Not Used	C212	**ITEM NUMBER IDENTIFICATION**	C	1	

Goods identification for a specified source.

Not Used   **C212**   **ITEM NUMBER IDENTIFICATION**   **C**   **1**

Goods identification for a specified source.

Segment:	**IMD** Item Description			
Position:	0680			
Group:	Segment Group 17 (Line Item)	Conditional (Dependent)		
Level:	3			
Usage:	Conditional (Optional)			
Max Use:	1			
Purpose:	A segment for describing the product being despatched. This segment should be used for products that cannot be identified by a product code or article number.			

Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to provide a free form item description.

Example:

IMD+F++:::Product Description'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
Must Use	**7077**		**DESCRIPTION FORMAT CODE**	C	1	an..3	
			Code specifying the format of a description.				
			F Free-form				
			Description of an item in free form text.				
Not Used	**C272**		**ITEM CHARACTERISTIC**	C	1		
			To provide the characteristic of the item being described.				
Must Use	**C273**		**ITEM DESCRIPTION**	C	1		
			Description of an item.				
Not Used		**7009**	**Item description code**	C		an..17	
			Code specifying an item.				
Not Used		**1131**	**Code list identification code**	C		an..17	
			Code identifying a user or association maintained code list.				
Not Used		**3055**	**Code list responsible agency code**	C		an..3	
			Code specifying the agency responsible for a code list.				
Must Use		**7008**	**Item description**	C		an..256	
			Free form description of an item.				
			Free form description of product despatched.				
D		**7008**	**Item description**	C		an..256	
			Free form description of an item.				
Not Used		**3453**	**Language name code**	C		an..3	
			Code specifying the language name.				
Not Used	**7383**		**SURFACE OR LAYER CODE**	C	1	an..3	
			Code specifying the surface or layer of an object.				

	Segment:	**QTY** Quantity
	Position:	0700
	Group:	Segment Group 17 (Line Item) Conditional (Dependent)
	Level:	3
	Usage:	Conditional (Required)
	Max Use:	1
	Purpose:	A segment to give quantity information concerning the product.
Dependency Notes:		
Semantic Notes:		
Comments:		
	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.

Despatched unit of measure (DE C186.6411) must be the same as ordered product unit of measure.

Example:

QTY+12:44:EA'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	C186		**QUANTITY DETAILS**	M	1	
			Quantity information in a transaction, qualified when relevant.			
M		6063	**Quantity type code qualifier**	M	an..3	
			Code qualifying the type of quantity.			
			12 Despatch quantity			
			Quantity despatched by the seller.			
M		6060	**Quantity**	M	an..35	
			Alphanumeric representation of a quantity.			
			Format: Numeric Maximum length: 15			
Must Use		6411	**Measurement unit code**	C	an..3	
			Code specifying the unit of measurement.			
			Recommend use UN/ECE Recommendation 20, Common code.			
			BG Bag			
			CT Carton			
			CS Case			
			EA Each			
			PK Pack			

	Segment:	**DTM** Date/Time/Period
	Position:	0750
	Group:	Segment Group 17 (Line Item) Conditional (Dependent)
	Level:	3
	Usage:	Conditional (Dependent)
	Max Use:	2
	Purpose:	A segment providing date, time information related to the line item, e.g. production date.
Dependency Notes:		
Semantic Notes:		
Comments:		
Notes:		This segment is used to indicate the expiry date and/or best before date of the product.

Note:
One of "Expiry date" or "Best before date" is mandatory for the products belonging to following categories:

- **Food and Treats**
- **Flea and Worming**
- **Selected items under Health, Grooming, and Training and Clean Up (depending on the nature of the product, confirmed by your Pet Circle buyer/ category manager).**

Examples:

Product's Expiry Date is 30 November 2021
DTM+36:20211130:102'

Product's Best Before Date is 30 June 2022
DTM+361:20220630:102'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	**C507**		**DATE/TIME/PERIOD**	**M**	**1**
			Date and/or time, or period relevant to the specified date/time/period type.		
M		**2005**	**Date or time or period function code qualifier**	**M**	**an..3**
			Code qualifying the function of a date, time or period.		
			36 Expiry date		
			Date of expiry of the validity of a referenced document, price information or any other referenced data element with a limited validity period.		
			361 Best before date		
			The best before date.		
Must Use		**2380**	**Date or time or period value**	**C**	**an..35**
			The value of a date, a date and time, a time or of a period in a specified representation.		
Must Use		**2379**	**Date or time or period format code**	**C**	**an..3**
			Code specifying the representation of a date, time or period.		
			102 CCYYMMDD		
			Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.		

Group:	**PCI** Segment Group 22: Package Identification				
Position:	0990				
Group:	Segment Group 17 (Line Item)	Conditional (Dependent)			
Level:	3				
Usage:	Conditional (Optional)				
Max Use:	2				
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.				
Notes:	A group of segments identifying one specific package or a number of packages, their marks and numbers, measurements, quantities and date and time information.				

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1000	PCI	Package Identification	M	1	
Must Use	1040		Segment Group 23: Goods Identity Number	C		2

Segment:	**PCI** Package Identification
Position:	1000 (Trigger Segment)
Group:	Segment Group 22 (Package Identification) Conditional (Optional)
Level:	3
Usage:	Mandatory
Max Use:	1
Purpose:	A segment specifying marking and labels used on individual packages or a range of packages.

Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to provide markings and labels information relevant to the product identified in the LIN segment.

Example:

The item is marked with a batch number
PCI+34E'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
Must Use	4233		**MARKING INSTRUCTIONS CODE**	C	1	an..3
			Code specifying instructions for marking.			
		34E	Marked with GS1 number (GS1 Temporary Code)			
			Indication that the GS1 number has been marked on a package.			
Not Used	C210		**MARKS & LABELS**	C	1	
			Shipping marks on packages in free text; one to ten lines.			
Not Used	8275		**CONTAINER OR PACKAGE CONTENTS INDICATOR CODE**	C	1	an..3
			Code indicating the contents of container or package.			
Not Used	C827		**TYPE OF MARKING**	C	1	
			Specification of the type of marking that reflects the method that was used and the conventions adhered to for marking (e.g. of packages).			

Group: **GIN** Segment Group 23: Goods Identity Number
Position: 1040
Group: Segment Group 22 (Package Identification) Conditional (Optional)
Level: 4
Usage: Conditional (Required)
Max Use: 2
Purpose: A group of segments giving package identification numbers and, where relevant, delivery limitation information.
Notes: A group of segments giving package identification numbers and, where relevant delivery limitation information.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max Use	Group: Repeat
M	1050	GIN	Goods Identity Number	M	1	

				Segment:	**GIN** Goods Identity Number

Segment: **GIN** Goods Identity Number
Position: 1050 (Trigger Segment)
Group: Segment Group 23 (Goods Identity Number)   Conditional (Required)
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment providing identification numbers being applied to the packages despatched.

Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment is used to provide identification numbers relevant to the packaging of the current line item.

Examples:

The item has a serial number of SER12345XYZ
GIN+BN+SER12345XYZ'

The item has a batch number of BA12980ZZ
GIN+BX+BA12980ZZ'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	7405		**OBJECT IDENTIFICATION CODE QUALIFIER**	M	1	an..3
			Code qualifying the identification of an object.			
			BN Serial number			
			Identification number of an item which distinguishes this specific item out of a number of identical items.			
			BX Batch number			
			Unique number affixed by manufacturer to a batch of products produced under similar conditions.			
M	C208		**IDENTITY NUMBER RANGE**	M	1	
			Goods item identification numbers, start and end of consecutively numbered range.			
M		7402	**Object identifier**	M		an..35
			Code specifying the unique identity of an object.			
			Format: Alphanumeric Maximum length: 35			
Not Used		7402	**Object identifier**	C		an..35
			Code specifying the unique identity of an object.			
Not Used	C208		**IDENTITY NUMBER RANGE**	C	1	
			Goods item identification numbers, start and end of consecutively numbered range.			
Not Used	C208		**IDENTITY NUMBER RANGE**	C	1	
			Goods item identification numbers, start and end of consecutively numbered range.			
Not Used	C208		**IDENTITY NUMBER RANGE**	C	1	
			Goods item identification numbers, start and end of consecutively numbered range.			
Not Used	C208		**IDENTITY NUMBER RANGE**	C	1	
			Goods item identification numbers, start and end of consecutively numbered range.			

	Group:	**QVR** **Segment Group 25: Quantity Variances**

Group: **QVR** **Segment Group 25: Quantity Variances**
Position: 1110
Group: Segment Group 17 (Line Item)   Conditional (Dependent)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments identifying quantity variances, the reason for the variance, and, when relevant, date and time information.
Notes: A group of segments identifying quantity variances, the reason for the variance, and, when relevant, date and time information.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1120	QVR	Quantity Variances	M	1	

Segment:	**QVR** Quantity Variances		
Position:	1120 (Trigger Segment)		
Group:	Segment Group 25 (Quantity Variances)	Conditional (Optional)	
Level:	3		
Usage:	Mandatory		
Max Use:	1		
Purpose:	A segment identifying a quantity variance and the reason for the variance.		
Dependency Notes:			
Semantic Notes:			
Comments:			
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 C279.6064 must always refer to the difference between the despatched quantity identified in DE C186.6060 of QTY at LIN level and the ordered quantity. For negative values, the variance must be expressed as negative.

Examples:

Ordered quantity was 100; despatched quantity at LIN level is 120 and there is a committed quantity of 20 (the variance from the ordered quantity) due to over shipment.
QVR+20:66+AC'

Ordered quantity was 100; despatched quantity at LIN level is 80; committed (despatched) quantity is 20 units lower than the ordered quantity; backorder to follow and the shipment is partial.
QVR+20:66+BP'

Ordered quantity was 100; despatched quantity at LIN level is 80; committed (despatched) quantity is 20 units lower than the ordered quantity; no backorder to follow and the shipment is considered as complete.
QVR+-20:66+CP'

Ordered quantity was 600; despatched quantity at LIN level is 400; item out of stock at wholesaler; shipment is considered as complete.
QVR+-200:66+OW'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
Must Use	C279		**QUANTITY DIFFERENCE INFORMATION**	C	1
			Information on quantity difference.		
M		6064	**Quantity variance value**	M	n..15
			To specify the value of a quantity variance.		
			Specifies the actual variance amount - Minus sign for undelivered units - No sign for excessive delivered units or backorder Format: Numeric Minimum length: 1 Maximum length: 5		
Must Use		6063	**Quantity type code qualifier**	C	an..3
			Code qualifying the type of quantity.		
		66	Committed quantity		
			Quantity a party is committed to.		

Must Use	**4221**	**DISCREPANCY NATURE IDENTIFICATION CODE**		**C**	**1**	**an..3**

Code specifying the identification used to define the nature of a
discrepancy.

AC	Over-shipped
	Code indicating that there was an excess quantity of goods in a shipment relative to the order.
	Ordered quantity is less than despatched quantity.
AD	Item out of stock at manufacturer
	The item is out of stock at manufacturer.
	Shipment does not fulfill the complete order but should be considered complete.
BP	Shipment partial - back order to follow
	A portion of the previous order is being held as open, as enough material was not available to fulfil the requirement.
	Partial shipment with backorder (ordered quantity is not equal to despatched quantity and backorder quantity is greater than zero).
CP	Shipment partial - considered complete, no backorder
	The quantity shipped is less than the amount authorized and there is no plan to ship the remaining amount
	Shipment does not fulfill the complete order but should be considered complete. Unshipped items are not considered to be on backorder.
OW	Item out of stock at wholesaler
	Item is not available at the distribution point.
	Shipment does not fulfill the complete order but should be considered complete.

Not Used	**C960**	**REASON FOR CHANGE**		**C**	**1**

Code and/or description of the reason for a change.

Segment:	**CNT** Control Total				
Position:	1140				
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.				
Dependency Notes:					
Semantic Notes:					
Comments:					
Notes:	This segment shows the total count of line items in this shipment. Example: Total count of 3 product items identified in the shipment. CNT+2:3'				

Data Element Summary

	Data Element	Component Element	Name		Attributes
M	C270		**CONTROL**	M	1
			Control total for checking integrity of a message or part of a message.		
M		6069	**Control total type code qualifier**	M	an..3
			Code qualifying the type of control of hash total.		
		2	Number of line items in message		
			Total count of LIN segments in the shipment.		
M		6066	**Control total value**	M	n..18
			To specify the value of a control quantity.		
Not Used		6411	**Measurement unit code**	C	an..3
			Code specifying the unit of measurement.		

Segment: # UNT Message Trailer
Position: 1150
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.

Dependency Notes:
Semantic Notes:
Comments:
Notes: Example:

There are 41 segments within the UNH-UNT loop inclusively.
UNT+41+1'

Data Element Summary

	Data Element	Component Element	Name	Attributes		
M	0074		**NUMBER OF SEGMENTS IN A MESSAGE**	M	1	n..6
			Control count of number of segments in a message.			
M	0062		**MESSAGE REFERENCE NUMBER**	M	1	an..14
			Unique message reference assigned by the sender.			
			Sequence number of the message in the interchange. DE 0062 in the UNT segment will be exactly the same as in the UNH segment.			

Segment: # UNZ Interchange Trailer
Position: 1180
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of an interchange
Dependency Notes:
Semantic Notes:
Comments:
Notes: Example:

UNZ+1+1'

Data Element Summary

	Data Element	Component Element	Name	Attributes		
M	0036		**INTERCHANGE CONTROL COUNT**	M	1	n..6

Count either of the number of messages or, if used, of the number of functional groups in an interchange.

Total count of UNH/UNT segment loop repeats.

	Data Element	Component Element	Name	Attributes		
M	0020		**INTERCHANGE CONTROL REFERENCE**	M	1	an..14

Unique reference assigned by the sender to an interchange.

The value presented here must match with the value presented in DE 0020 in segment UNB.

Example DESADV – Shipment consists of one pallet and two cartons

The following sample Despatch Advice message includes indicative data, but does not represent a real shipment. The example is only intended to provide guidance on the use of segments and the positioning of delimiters. The explanatory comments in the far right do not form part of the message sample but serve only to "decode" the data stream to the reader.

The shipment consists of one pallet and 2 cartons:
- Pallet identified by SSCC 00593161000045350112 contains 8 cartons, Supplier product code VEN-002649 and quantity despatched is 96 eaches.
- The first carton identified by SSCC 00693161000027682504 contains Supplier product code VEN-002652 and quantity despatched is 24 eaches.
- The second carton identified by SSCC 00693161000027682498 contains Supplier product code SKU-002655 and quantity despatched is 12 eaches

Message	Explanation
UNA:+.? '	
UNB+UNOC:3+SUPPLIER_GLN:14+9377779384091:14+211122:0730+78401++++1'	
UNH+1+DESADV:D:01B:UN:EAN008'	
BGM+351+95703+9'	Despatch Advice number 95703
DTM+137:20211122:102'	Despatch Advice created on 22nd November 2021
DTM+11:20211122:102'	Despatch date of the shipment is 22nd November 2021
DTM+17:202111250900:203'	Estimated delivery date is 25th November 2021 at 09:00 am
RFF+ON:PO-00000100'	Shipment relates to order number PO-00000100
RFF+BN:ASN-PO-00000100'	ASN Shipment Number is ASN-PO-00000100
RFF+CN:SY00857'	Carriers Reference number is SY00857
NAD+BY+9377779384084::92'	Buyer / Pet Circle
NAD+ST+9377779384091::92'	Ship To location
NAD+SU+SUP-00025::92'	Supplier's code
CPS+1++1E'	Shipment Level
PAC+1++09'	Shipment consists of 1 pallet
PAC+2++CT'	Shipment consists of 2 cartons
CPS+2+1+3'	Packaging level
PAC+1++09'	09 indicates SSCC at pallet level
PCI+33E'	Pallet marked with SSCC
GIN+AW+00593161000045350112'	SSCC on the pallet
PAC+8++CT'	Pallet contains 8 cartons
LIN+1++9310088126129:SRV'	Product GTIN
PIA+1+VEN-002649:SA'	Supplier product code
QTY+12:96:EA'	Despatch quantity is 96 eaches

```
CPS+3+1+3'                              Packaging level
PAC+1++CT'                              CT indicates SSCC at carton level
PCI+33E'                               Carton marked with SSCC
GIN+AW+00693161000027682504'           SSCC on the carton

LIN+2++9311770597067:SRV'              Product GTIN
PIA+1+VEN-002652:SA'                   Supplier product code
QTY+12:24:EA'                          Despatch quantity is 24 eaches

CPS+4+1+3'                              Packaging level
PAC+1++CT'                              CT indicates SSCC at carton level
PCI+33E'                               Carton marked with SSCC
GIN+AW+00693161000027682498'           SSCC on the carton

LIN+3++9314598018011:SRV'              Product GTIN
PIA+1+VEN-002652:SA'                   Supplier product code
QTY+12:12:EA'                          Despatch quantity is 12 eaches

CNT+2:3'                               total number of LIN segments in the shipment is 3
UNT+38+1'
UNZ+1+78401'
```

Example DESADV – Shipment consists of one carton

The example below is a partial shipment where only 400 of the ordered 600 have been supplied due to item being out of stock.

EDI Segment	Description
UNA:+.? '	
UNB+UNOC:3+SUPPLIER_GLN:14+9377779384084:14+211122:0730+78402++++1'	
UNH+1+DESADV:D:01B:UN:EAN008'	
BGM+351+25488+9'	Despatch Advice number 25488
DTM+137:20211122:102'	Despatch Advice created on 22nd November 2021
DTM+11:20211122:102'	Despatch date of the shipment is 22nd November 2021
DTM+17:202111250730:203'	Estimated delivery date is 25th November 2021 at 07.30 am
ALI+++165'	Shipment is partial.
RFF+ON:PO-00000200'	Shipment relates to order number PO-00000200
RFF+BN:ASN-PO-00000200'	ASN Shipment Number is ASN-PO-00000200
RFF+CN:SY00857'	Carriers Reference number is SY00857
NAD+BY+9377779384084::9'	Buyer / Pet Circle
NAD+ST+9377779384091::9'	Ship To location
NAD+SU+SUP-00025::92'	Supplier's code
CPS+1++1E'	Shipment Level
PAC+1++CT'	Shipment consists of 1 carton
CPS+2+1+3'	Packaging level
PAC+1++CT'	CT indicates SSCC at carton level
PCI+33E'	carton marked with SSCC
GIN+AW+193106531002906599'	SSCC on the carton
LIN+1++9314598018011:SRV'	Product GTIN
PIA+1+VEN-002660:SA'	Supplier product code
QTY+12:400:EA'	Despatch quantity is 400 eaches
DTM+36:20221130:102'	Item expiry date is 30th November 2022
PCI+34E'	Item is marked with a batch number
GIN+BX+BA125054CC'	Item batch number is BA125054CC
QVR+200:66+OW'	200 is out of stock
CNT+2:1'	total number of LIN segments in the shipment is 1
UNT+26+1'	
UNZ+1+78402'	

Disclaimer
All samples shown are for illustration purposes only and may not be true representation of actual values.