

# Phoenix Pharma

Message implementation guideline

DESADV

EDIFACT D01B

v 1.1

2020-08-12

<b>UNB -M 1 - INTERCHANGE HEADER</b>				
Function:				
To start, identify and specify an interchange.				
	EDIFACT	EAN*	Description	CR- No.
S001 SYNTAX IDENTIFIER	M	<b>M</b>		
0002 Message type identifier	M a4	<b>M</b>	*UNOC	
0002 Syntax version number	M n..1	<b>M</b>	* 3	
S002 INTERCHANGE SENDER	M	<b>M</b>		
0004 Sender identification	M an..35	<b>M</b>	Sender identification code  Phoenix Pharma uses two sender identification codes  For direct suppliers (eg. suppliers which selling products to Phoenix Pharma) - Sender BFA Number or GLN  For indirect/cost suppliers (eg. suppliers which provides services to Phoenix Pharma) - Sender USt-IdNr or GLN	
0007 Partner identification code qualifier	C an..4	<b>M</b>	<b>PH = BGA/BFA</b>  <b>9912 = Umsatzsteuer ID</b>  <b>14 = GLN</b>	
S003 INTERCHANGE RECIPIENT	M	<b>M</b>		
0010 Recipient identification	M an..35	<b>M</b>	Recipient identification code  Phoenix Pharma uses two receipt identification codes  For direct suppliers (eg. suppliers which selling products to Phoenix Pharma) - "76539419"  For indirect/cost suppliers (eg. suppliers which provides services to Phoenix Pharma) - "9991032040045"	
0007 Partner identification code qualifier	C an..4	<b>M</b>	<b>PH = BGA/BFA</b>  <b>14 = GLN</b>	

S004	DATE AND TIME OF PREPARATION	M	<b>M</b>	
0017	Date of preparation	M n6	<b>M</b>	Format YYMMDD
0019	Time of preparation	M n4	<b>M</b>	Format HHMM
0020	INTERCHANGE CONTROL REFERENCE	M an..14	<b>M</b>	Unique reference generated when sending the message to uniquely identify the interchange. Value is repeated in the UNZ segment.
S005	RECIPIENTS REFERENCE PASSWORD	C	<b>N</b>	
0022	Date of preparation	M an..14	<b>N</b>	
0025	Time of preparation	C an2	<b>N</b>	
0026	APPLICATION REFERENCE	C an..14	<b>M</b>	<b>DESADV</b>
0029	PROCESSING PRIORITY CODE	C a1	<b>N</b>	
0031	ACKNOWLEDGEMENT REQUEST	C n..1	<b>N</b>	
0032	COMMUNICATIONS AGREEMENT ID	C an..35	<b>M</b>	<b>EANCOM</b>
0035	TEST INDICATOR	C n..1	<b>C</b>	<b>1</b> = test, <b>empty</b> = production
<p>Segment Notes:</p> <p>This segment is used to start, identify and specify an interchange.</p> <p>Example:</p> <p>For direct suppliers (eg. suppliers which selling products to Phoenix Pharma):  UNB+UNOC:3+12345678:PH+76539419:PH+101120:1200+201911200001++DESADV+++EANCOM+1'</p> <p>For indirect/cost suppliers (eg. suppliers which provides services to Phoenix Pharma):  UNB+UNOC:3+DE9999999:9912+9991032040045:14+101120:1200+201911200001++DESADV+++EANCOM+1'</p>				

<b>UNH</b> -M 1 - <a href="#">Message header</a>			
Function: This segment is used to head, identify and specify a message.			
	EDIFACT	EAN*	Description
<a href="#">0062</a> Message reference number	M an..14	<b>M</b>	Senders unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be identical. Sender generated.
S009 MESSAGE IDENTIFIER	M	<b>M</b>	
<a href="#">0065</a> Message type	M an..6	<b>M</b> *	<a href="#">DESADV</a> =Despatch advice message
<a href="#">0052</a> Message version number	M an..3	<b>M</b> *	<a href="#">D</a> =Draft version/UN/EDIFACT Directory
<a href="#">0054</a> Message release number	M an..3	<b>M</b> *	<a href="#">01B</a> =Release 2001 - B
<a href="#">0051</a> Controlling agency	M an..2	<b>M</b> *	<a href="#">UN</a> =UN/CEFACT
<a href="#">0057</a> Association assigned code	C an..6	<b>R</b> *	<a href="#">EAN007</a> =GS1 version control number (GS1 Code) Indicates that the message is the EANCOM version 007 of the UNSM Despatch Advice.
<a href="#">0068</a> Common access reference	C an..35	<b>N</b>	
S010 STATUS OF THE TRANSFER	C	<b>N</b>	
<a href="#">0070</a> Sequence of transfers	M n..2		
<a href="#">0073</a> First and last transfer	C a1		
Segment 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 message based on the D.01B directory under the control of the United Nations.  Example: UNH+ME000001+DESADV:D:01B:UN:EAN007'			

<a href="#">BGM</a> -M 1 - <a href="#">Beginning of message</a>			
<p>Function:</p> <p>This segment is used to indicate the type and function of the message and to transmit the identifying number.</p>			
	EDIFACT	EAN*	Description
C002 DOCUMENT/MESSAGE NAME	C	R	<a href="#">General explanations</a>
<a href="#">1001</a> Document name code	C an..3	R *	<a href="#">351</a> = Despatch advice
C106 DOCUMENT/MESSAGE IDENTIFICATION	C	R	
<a href="#">1004</a> Document identifier	C an..35	R	Despatch Advice number assigned by the document sender.  For global unique identification of documents Global Document Type Identifier (GDTI) is available.
<a href="#">1225</a> Message function code	C an..3	R *	<a href="#">9</a> = Original
<p>Segment Notes:</p> <p>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 1004 are to be put in the RFF segment.</p> <p>Example: BGM+351+DES587441+9'</p>			

**DTM** -C 10 - [Date/time/period](#)

Function:

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

	EDIFACT	EAN*	Description
C507 DATE/TIME/PERIOD	M	M	
<a href="#">2005</a> Date or time or period function code qualifier	M an..3	M *	<a href="#">2</a> = Delivery date/time, requested <a href="#">11</a> = Despatch date and/or time <a href="#">200</a> = Pick-up/collection date/time of cargo <a href="#">234</a> = Collection date/time, earliest
<a href="#">2380</a> Date or time or period value	C an..35	R	
<a href="#">2379</a> Date or time or period format code	C an..3	R *	<a href="#">102</a> = CCYYMMDD

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 an EANCOM message.

Example:

DTM+137:20021101:102'

**SG1** -C 10-[RFF-DTM](#)

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

**RFF** -M 1-[Reference](#)

Function:

This segment is used to provide references that apply to the whole transaction.

	EDIFACT	EAN*	Description
C506 REFERENCE	M	<b>M</b>	
<a href="#">1153</a> Reference code qualifier	M an..3	<b>M</b>	* <a href="#">CR</a> =Customer reference number <a href="#">CT</a> =Contract number <a href="#">DQ</a> =Delivery note number <a href="#">IP</a> =Import licence number <a href="#">ON</a> =Order number (buyer) <a href="#">PK</a> =Packing list number <a href="#">VN</a> =Order number (supplier)
<a href="#">1154</a> Reference identifier	C an..70	<b>R</b>	

Segment Notes:

This segment is used to provide references that apply to the whole transaction.

Example:

RFF+ON:12332'

**SG1** -C 10-[RFF-DTM](#)

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

**DTM** -C 1-[Date/time/period](#)

Function:

This segment is used to specify dates relating to the references given in the previous RFF segment.

	EDIFACT	EAN*	Description
C507 DATE/TIME/PERIOD	M	<b>M</b>	
<a href="#">2005</a> Date or time or period function code qualifier	M an..3	<b>M</b>	* <a href="#">171</a> =Reference date/time
<a href="#">2380</a> Date or time or period value	C an..35	<b>R</b>	
<a href="#">2379</a> Date or time or period format code	C an..3	<b>R</b>	* <a href="#">102</a> =CCYYMMDD

Segment Notes:

This segment is used to specify dates relating to the references given in the previous RFF segment.

Example:

DTM+171:20021101:102'



[SG2](#) -C 99 - [NAD-LOC-SG3-SG4](#)

A group of segments identifying names, addresses, and locations relevant to the whole Despatch Advice.

[NAD](#) -M 1 - [Name and address](#)

Function:

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

	EDIFACT	EDIFACT	EAN*	Description
<a href="#">3035</a> Party function code qualifier	M	an..3	<b>M</b>	<a href="#">BY</a> =Buyer <a href="#">DP</a> =Delivery party <a href="#">SU</a> =Supplier <a href="#">SH</a> =Supplier <a href="#">UC</a> =Ultimate consignee
C082 PARTY IDENTIFICATION DETAILS	C		<b>A</b>	
<a href="#">3039</a> Party identifier	M	an..35	<b>M</b>	Party identification numer (BFA, BGA or Ust ID)
<a href="#">1131</a> Code list identification code	C	an..17	<b>N</b>	
<a href="#">3055</a> Code list responsible agency code	C	an..3	<b>R</b>	* UID =VAT registration numer - Umsatzsteuer ID (USt-ID) BFA =BFA Number BGA =BGA Number

Segment Notes:

This segment is used to identify the trading partners involved in the Despatch Advice message. Identification of the supplier and buyer is recommended in the Despatch Advice. Additionally, the shipper and delivery party may be identified 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 20 (LOC-NAD-DTM-QTY) in which multiple delivery addresses can be specified for split deliveries.

BFA and BGA identifiers are required for the direct suppliers. For indirect UID should be used.

Example:

NAD+BY+3001448::BGA ++Name+Strasse+Ort++PLZ+DE'

In case of direct suppliers (eg. suppliers which selling products to Phoenix Pharma)

NAD+SU+33333333::BFA ++Name+Strasse+Ort++PLZ+DE'

In case of indirect/cost suppliers (eg. suppliers which provides services to Phoenix Pharma)

NAD+SU+DE999999999::UID ++Name+Strasse+Ort++PLZ+DE'

[SG2](#) -C 99 - [NAD-LOC-SG3-SG4](#)

A group of segments identifying names, addresses, and locations relevant to the whole Despatch Advice.			
<a href="#">SG3</a> -C 10- <a href="#">RFF</a>			
A group of segments giving references relevant only to the specified party rather than the whole message.			
<a href="#">RFF</a> -M 1- <a href="#">Reference</a>			
Function: This segment is used to specify references related to the party identified in the previous NAD segment.			
	EDIFACT	EAN*	Description
C506 REFERENCE	M	<b>M</b>	
<a href="#">1153</a> Reference code qualifier	M an..3	<b>M</b>	* <a href="#">ABP</a> =Declarant's Customs identity number <a href="#">API</a> =Inventory report reference number
<a href="#">1154</a> Reference identifier	C an..70	<b>R</b>	
Segment Notes: This segment is used to specify references related to the party identified in the previous NAD segment. Mandatory for NAD+SU. Example: RFF+VA:6558774'			

<b><a href="#">SG2</a></b> -C 99 - <a href="#">NAD-LOC-SG3-SG4</a>			
A group of segments identifying names, addresses, and locations relevant to the whole Despatch Advice.			
<b><a href="#">SG4</a></b> -C 10 - <a href="#">CTA-COM</a>			
A group of segments to identify the people, functions, departments and appropriate numbers to whom communication should be directed.			
<b><a href="#">CTA</a></b> -M 1 - <a href="#">Contact information</a>			
Function: This segment is used to identify contact names within the company specified in the NAD segment.			
	EDIFACT	EAN*	Description
<a href="#">3139</a> Contact function code	C an..3	R	<a href="#">DL</a> =Delivery contact <a href="#">TR</a> =Transport contact
C506 DEPARTMENT OR EMPLOYEE DETAILS	C	O	
<a href="#">3413</a> Department or employee name code	C an..17	O	
<a href="#">3412</a> Department or employee name	C an..35	O	
Segment Notes: This segment is used to identify contact names within the company specified in the NAD segment. The use of GLN location codes - Format n13 - is particularly suitable for this purpose.  Example: CTA+TR+:W MILLS' CTA+TR+54123450000013'			

<a href="#">SG2</a> -C 99 - <a href="#">NAD-LOC-SG3-SG4</a>			
A group of segments identifying names, addresses, and locations relevant to the whole Despatch Advice.			
<a href="#">SG4</a> -C 10 - <a href="#">CTA-COM</a>			
A group of segments to identify the people, functions, departments and appropriate numbers to whom communication should be directed.			
<a href="#">COM</a> -C 5 - <a href="#">Communication contact</a>			
Function: This segment identifies the communications number and type of communications, for the person or department identified in the preceding CTA segment.			
	EDIFACT	EAN*	Description
C076 COMMUNICATION CONTACT	M	<b>M</b>	
<a href="#">3148</a> Communication address identifier	M an..512	<b>M</b>	
<a href="#">3155</a> Communication address code qualifier	M an..3	<b>M</b>	<a href="#">EM</a> =Electronic mail <a href="#">FX</a> =Fax <a href="#">TE</a> =Telephone <a href="#">TL</a> =Telex <a href="#">XF</a> =X.400
Segment Notes: This segment identifies the communications number and type of communications, for the person or department identified in the preceding CTA segment.  Example: COM+004461879523:FX'			

**SG5** -C 10-[TOD-LOC](#)

A group of segments indicating terms of delivery.

**TOD** -M 1-[Terms of delivery or transport](#)

Function:

This segment is used to specify the terms of delivery for the despatch advice.

	EDIFACT	EAN*	Description
<a href="#">4055</a> Delivery or transport terms function code	C an..3	R	<a href="#">2</a> =Despatch condition <a href="#">3</a> =Price and despatch condition
<a href="#">4215</a> Transport charges payment method code	C an..3	O	<a href="#">DF</a> =Defined by buyer and supplier <a href="#">PC</a> =Prepaid but charged to customer
C100 TERMS OF DELIVERY OR TRANSPORT	C	A	
<a href="#">4053</a> Delivery or transport terms description code	C an..3	R	

Segment Notes:

This segment is used to specify the terms of delivery for the despatch advice.

Example:

TOD+3++CIF:2E:9'

<a href="#">SG5</a> -C 10- <a href="#">TOD-LOC</a>			
A group of segments indicating terms of delivery.			
<a href="#">LOC</a> -C 5- <a href="#">Place/location identification</a>			
Function: This segment is used to indicate the location to which the terms of delivery are applicable.			
	EDIFACT	EAN*	Description
<a href="#">3227</a> Location function code qualifier	C an..3	R	<a href="#">1</a> =Place of terms of delivery
C517 LOCATION IDENTIFICATION	C	A	
<a href="#">3225</a> Location name code	C an..3	R	
<a href="#">1131</a> Code list identification code	C an..3	R	
<a href="#">3055</a> Code list responsible agency code	C an..3	R	<a href="#">6</a> =UN/ECE (United Nations - Economic Commission for Europe)
Segment Notes: This segment is used to indicate the location to which the terms of delivery are applicable.  Example: LOC+1+BE-BRU'			

**SG6** -C 10 - [TDT-SG7](#)

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.

**TDT** -M 1 - [Details of transport](#)

Function:

This segment is used to specify transport services used in the despatch advice.

	EDIFACT	EAN*	Description
<a href="#">8051</a> Transport stage code qualifier	M an..3	<b>M</b>	<a href="#">20</a> =Main-carriage transport
<a href="#">8028</a> Means of transport journey identifier	C an..17	<b>O</b>	Reference number covering the transport.
C220 MODE OF TRANSPORT	C	<b>A</b>	
<a href="#">8067</a> Transport mode name code	C an..3	<b>R</b>	<a href="#">10</a> =Maritime transport <a href="#">20</a> =Rail transport <a href="#">30</a> =Road transport <a href="#">40</a> =Air transport <a href="#">60</a> =Multimodal transport
C228 TRANSPORT MEANS	C	<b>O</b>	
<a href="#">8179</a> Transport means description code	C an..8	<b>D</b>	<a href="#">23</a> =Rail bulk car <a href="#">25</a> =Rail express <a href="#">31</a> =Truck
C040 CARRIER	C	<b>O</b>	
<a href="#">3127</a> Carrier identifier	C an..17	<b>A</b>	GLN - Format n13
<a href="#">1131</a> Code list identification code	C an..17	<b>O</b>	
<a href="#">3055</a> Code list responsible agency code	C an..3	<b>D</b>	<a href="#">9</a> =GS1 DE 3055 must be used if DE 3127 is used.
<a href="#">8101</a> Transit direction indicator code	C an..3	<b>O</b>	<a href="#">BS</a> =Buyer to supplier <a href="#">SB</a> =Supplier to buyer
C222 TRANSPORT IDENTIFICATION	C	<b>O</b>	
<a href="#">8213</a> Transport means identification name identifier	C an..9	<b>O</b>	
<a href="#">1131</a> Code list identification code	C an..17	<b>O</b>	

<a href="#">3055</a> Code list responsible agency code	C an..3	<b>D</b>	DE 3055 must be used if DE 8213 is used.
<a href="#">8212</a> Transport means identification name	C an..35	<b>R</b>	Vehicle licence plate/Aircraft number
<a href="#">8453</a> Transport means nationality code	C an..3	<b>O</b>	ISO 3166 two alpha code
<p>Segment Notes:</p> <p>This segment is used to specify transport services used in the despatch advice.</p> <p>Dependency Notes:</p> <p>DE C228: DE 8179 is only used when the type of transport must be specifically identified, that is, when a generic description such as road transport is unsuitable.</p> <p>Example:</p> <p>TDT+20++30+31'</p>			



<b><a href="#">SG6</a></b> -C 10- <a href="#">TDT-SG7</a>			
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.			
<b><a href="#">SG7</a></b> -C 10- <a href="#">LOC-DTM</a>			
A group of segments giving the location and date/time information relative to the transportation.			
<b><a href="#">LOC</a></b> -M 1- <a href="#">Place/location identification</a>			
Function: This segment is used to identify a location related to the transport details specified in the previous TDT segment.			
	EDIFACT	EAN*	Description
<a href="#">3227</a> Location function code qualifier	M an..3	<b>M</b>	<a href="#">5</a> =Place of departure
C517 LOCATION IDENTIFICATION	C	<b>A</b>	
<a href="#">3225</a> Location name code	C an..25	<b>A</b>	GLN - Format n13
Segment Notes: This segment is used to identify a location related to the transport details specified in the previous TDT segment.  Example: LOC+5+5412345678908::9'			

**SG8** -C 10-[EQD-MEA-SEL](#)

A group of segments providing information relative to the equipment used for the transportation of goods relevant to the whole despatch advice.

**EQD** -M 1-[Equipment details](#)

Function:

This segment is used to provide information on equipment which will be used in the despatch of the products ordered.

	EDIFACT	EAN*	Description
<a href="#">8053</a> Equipment type code qualifier	M an..3	<b>M</b>	<a href="#">BPN</a> =Box pallet non exchangeable <a href="#">CN</a> =Container <a href="#">EFP</a> =Exchangeable EUR flat pallet <a href="#">PA</a> =Pallet <a href="#">UL</a> =ULD (Unit load device)
C237 EQUIPMENT IDENTIFICATION	C	<b>O</b>	
<a href="#">8260</a> Equipment identifier	C an..17	<b>A</b>	
<a href="#">1131</a> Code list identification code	C an..17	<b>O</b>	
<a href="#">3055</a> Code list responsible agency code	C an..3	<b>D</b>	<a href="#">9</a> =GS1
C224 EQUIPMENT SIZE AND TYPE	C	<b>O</b>	
<a href="#">8155</a> Equipment size and type description code	C an..10	<b>O</b>	
<a href="#">8077</a> Equipment supplier code	C an..3	<b>O</b>	<a href="#">1</a> =Shipper supplied <a href="#">2</a> =Carrier supplied

Segment Notes:

This segment is used to provide information on equipment which will be used in the despatch of the products ordered.

Example:  
EQD+UL+93221'

**SG8** -C 10-[EQD-MEA-SEL](#)

A group of segments providing information relative to the equipment used for the transportation of goods relevant to the whole despatch advice.

**MEA** -C 5-[Measurements](#)

Function:

This segment is used to specify physical measurements or dimensions of the equipment described in the EQD segment.

	EDI	FACT	EAN*	Description
<a href="#">6311</a> Measurement purpose code qualifier	M	an..3	<b>M</b>	<a href="#">AAH</a> = Dimensions total weight <a href="#">PD</a> = Physical dimensions (product ordered)
C502 MEASUREMENT DETAILS	C		<b>A</b>	
<a href="#">6313</a> Measured attribute code	C	an..3	<b>A</b>	<a href="#">AAA</a> =Unit net weight <a href="#">AAB</a> =Unit gross weight <a href="#">DBX</a> =Degree BRIX (GS1 Code) <a href="#">DN</a> =Density <a href="#">HT</a> =Height dimension <a href="#">LN</a> =Length dimension <a href="#">UCO</a> =Units per package (GS1 Code) <a href="#">WD</a> =Width dimension
C174 VALUE/RANGE	C		<b>R</b>	
<a href="#">6411</a> Measurement unit code	M	an..3	<b>M</b>	<a href="#">CEL</a> =degree celsius <a href="#">GRM</a> =gram <a href="#">KGM</a> =kilogram <a href="#">MMT</a> =millimetre
<a href="#">6314</a> Measurement value	C	an..18	<b>O</b>	

Segment Notes:

This segment is used to specify physical measurements or dimensions of the equipment described in the EQD segment.

Example:

MEA+PD+AAB+GRM:1250'

**SG10** - C 9999 - [CPS-SG11-SG17](#)

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.

**CPS** -M 1 - [Consignment packing sequence](#)

Function:

This segment is used to identify the sequence in which packing of the consignment occurs.

	EDIFACT	EAN*	Description
<a href="#">7164</a> Hierarchical structure level identifier	M an..35	<b>M</b>	Sequential numbering recommended.
<a href="#">7166</a> Hierarchical structure parent identifier	C an..35	<b>A</b>	

Segment Notes:

This segment is used to identify the sequence in which packing of the consignment occurs. Please refer to the Structure of the Despatch Advice Message section in the introduction for details on the use of the CPS segment.

Example:  
CPS+1'

**SG10** - C 9999 - [CPS-SG11-SG17](#)

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.

**SG11** - C 9999 - [PAC-MEA-QTY-SG12-SG13](#)

A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, handling information and information about packing at this level.

**PAC** -M 1 - [Package](#)

Function:

This 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.

	EDIFACT	EDIFACT*	Description
<a href="#">7224</a> Package quantity	C n..8	O	
C531 PACKAGING DETAILS	C	A	
<a href="#">7075</a> Packaging level code	C an..3	N	
<a href="#">7233</a> Packaging related description code	C an..3	O	<a href="#">50</a> =Package barcoded EAN-13 or EAN-8 <a href="#">51</a> =Package barcoded ITF-14 <a href="#">52</a> =Package barcoded UCC or EAN-128
C202 PACKAGE TYPE	C	O	
<a href="#">7065</a> Package type description code	C an..17	A	<a href="#">09</a> =Returnable pallet (GS1 Code) <a href="#">201</a> =Pallet ISO 1 - 1/1 EURO Pallet (GS1 Code) <a href="#">PK</a> =Package <a href="#">SL</a> =Slipsheet
<a href="#">1131</a> Code list identification code	C an..17	O	
<a href="#">3055</a> Code list responsible agency code	C an..3	D	<a href="#">9</a> =GS1
C402 PACKAGE TYPE IDENTIFICATION	C	N	
<a href="#">7077</a> Description format code	M an..3		
C532 RETURNABLE PACKAGE DETAILS	C	D	Composite C532 is only used where the packaging being described is returnable. This composite identifies who is responsible for payment of its return.

<u>8395</u> Returnable package freight payment responsibility code	C an..3	O	<u>1</u> =Paid by customer  <u>2</u> =Free  <u>3</u> =Paid by supplier
<p>Segment Notes:</p> <p>This 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.</p> <p>Please refer to the 'Structure of the Despatch Advice Message' section in the introduction for details on the use of the PAC segment.</p> <p>Example: PAC+10++PK'</p>			

**SG10** - C 9999 - [CPS-SG11-SG17](#)

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.

**SG11** - C 9999 - [PAC-MEA-QTY-SG12-SG13](#)

A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, handling information and information about packing at this level.

**MEA** - C 10 - [Measurements](#)

Function:

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

	EDIFACT	EDIFACT	EDIFACT	Description
<a href="#">6311</a> Measurement purpose code qualifier	M an..3	<b>M</b>		<a href="#">PD</a> =Physical dimensions (product ordered)
C502 MEASUREMENT DETAILS	C	<b>A</b>		
<a href="#">6313</a> Measured attribute code	C an..3	<b>A</b>		<a href="#">DI</a> =Diameter <a href="#">DP</a> =Depth <a href="#">HT</a> =Height dimension <a href="#">LN</a> =Length dimension <a href="#">TH</a> =Thickness
<a href="#">6321</a> Measurement significance code	C an..3	<b>O</b>		
C174 VALUE/RANGE	C	<b>R</b>		
<a href="#">6411</a> Measurement unit code	M an..3	<b>M</b>		<a href="#">CMT</a> =centimetre <a href="#">MMT</a> =millimetre <a href="#">MTR</a> =metre
<a href="#">6314</a> Measurement value	C an..18	<b>O</b>		

Segment Notes:

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

Example:

MEA+PD+AAA+KGM:12'

**SG10** - C 9999 - [CPS-SG11-SG17](#)

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.

**SG11** - C 9999 - [PAC-MEA-QTY-SG12-SG13](#)

A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, handling information and information about packing at this level.

**QTY** - C 10 - [Quantity](#)

Function:

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

	EDIFACT	EAN*	Description
C186 QUANTITY DETAILS	M	<b>M</b>	
<a href="#">6063</a> Quantity type code qualifier	M an..3	<b>M</b> *	<p><a href="#">21</a> = Ordered quantity</p> <p><a href="#">12</a> = Delivered quantity</p> <p><a href="#">59</a> = Number of consumer units in the traded unit</p>
<a href="#">6060</a> Quantity	M an..35	<b>M</b>	
<a href="#">6411</a> Measurement unit code	C an..3	<b>D</b>	<p>NPR = number of pairs</p> <p>CMT = centimetre</p> <p>GRM = gram</p> <p>KGM = kilogram</p> <p>MMT = millimetre</p> <p>MTR = kilogram</p> <p>PCE = metre</p>

Segment Notes:

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

Example:  
QTY+12:24'



<b>SG10</b> - C 9999 - <a href="#">CPS-SG11-SG17</a>				
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.				
<b>SG11</b> - C 9999 - <a href="#">PAC-MEA-QTY-SG12-SG13</a>				
A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, handling information and information about packing at this level.				
<b>SG12</b> - C 10 - <a href="#">HAN</a>				
A group of segments providing information on hazardous goods and handling.				
<b>HAN</b> - M 1 - <a href="#">Handling instructions</a>				
Function:				
This segment is used to provide markings and labels information relevant to the packaging unit and level identified in the PAC segment.				
	EDIFACT	EDIFACT	EDIFACT	Description
C524 HANDLING INSTRUCTIONS	C	A		
<a href="#">4079</a> Handling instruction description code	C an..3	R		<a href="#">BIG</a> = Outsized (GS1 Code) <a href="#">CRU</a> = Crushable (GS1 Code) <a href="#">EAT</a> = Foodstuffs (GS1 Code) <a href="#">HWC</a> = Handle with care (GS1 Code) <a href="#">STR</a> = Stacking restricted (GS1 Code) <a href="#">UST</a> = Unstackable (GS1 Code)
<a href="#">1131</a> Code list identification code	C an..17	A		
<a href="#">3055</a> Code list responsible agency code	C an..3	D		
<a href="#">4078</a> Handling instruction description	C an..70	O		
Segment Notes:				
This segment is used to provide handling instructions relevant to the packaging unit and level described in the PAC segment.				
Example: HAN+EAT'				

<b>SG10</b> - C 9999 - <a href="#">CPS-SG11-SG17</a>				
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.				
<b>SG11</b> - C 9999 - <a href="#">PAC-MEA-QTY-SG12-SG13</a>				
A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, handling information and information about packing at this level.				
<b>SG13</b> - C 1000 - <a href="#">PCI-RFF-DTM-SG15</a>				
A group of segments specifying markings, labels, and packing numbers.				
<b>PCI</b> - M 1 - <a href="#">Package identification</a>				
Function: This segment is used to provide markings and labels information relevant to the packaging unit and level identified in the PAC segment.				
	EDIFACT	EDIFACT	EAN*	Description
<a href="#">4233</a> Marking instructions code	C	an..3	<b>R</b>	<a href="#">33E</a> =Marked with serial shipping container code (GS1 Code) <a href="#">41G</a> =Marked with GS1 Global Returnable Asset Identifier (GS1 Code) <a href="#">34</a> =Marked GS1 Global Individual Asset Identifier
C210 MARKS & LABELS	C		<b>O</b>	If the date on the package is machine readable, the DTM segment below should be used and if it is human readable then DE 7102 should be used.
<a href="#">7102</a> Shipping marks description	M	an..35	<b>M</b>	
<a href="#">7102</a> Shipping marks description	C	an..35	<b>O</b>	
<a href="#">7102</a> Shipping marks description	C	an..35	<b>O</b>	
<a href="#">7102</a> Shipping marks description	C	an..35	<b>O</b>	
Segment 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'				

<b>SG10</b> - C 9999 - <a href="#">CPS-SG11-SG17</a>			
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.			
<b>SG17</b> - C 9999 - <a href="#">LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25</a>			
A group of segments providing details of the individual despatched items.			
<b>LIN</b> - M 1 - <a href="#">Line item</a>			
Function: This segment is used to identify the line item being despatched.			
	EDIFACT	EAN*	Description
<a href="#">1082</a> Line item identifier	C an..6	R	Application generated number of the item lines within the Despatch Advice.
<a href="#">1229</a> Action request/notification description code	C an..3	N	
C212 ITEM NUMBER IDENTIFICATION	C	D	This composite is only used for the identification of GS1 codes. If another coding structure is required, e.g. HIBC, this composite will not be used and the code will be detailed in the PIA segment.
<a href="#">7140</a> Item identifier	C an..35	R	
<a href="#">7143</a> Item type identification code	C an..3	R *	PZN = <b>Pharmaceutical central number</b> EN = <b>EAN</b> SA = <b>Supplier's article number</b> MF = <b>Manufacturer's (producer's) article number</b>
C829 SUB-LINE INFORMATION	C	D	
<a href="#">5495</a> Sub-line indicator code	C an..3	R *	<a href="#">1</a> = <b>Sub-line information</b>
Segment Notes: This segment is used to identify the line item being despatched. If Global Trade Item Numbers are available it is mandatory to use GTIN within the LIN segment.  Example: LIN+1++5412345123453:SA'  Dependency Notes: C829 is only used when sub-lines are required.			

<b>SG10</b> - C 9999 - <a href="#">CPS-SG11-SG17</a>			
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.			
<b>SG17</b> - C 9999 - <a href="#">LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25</a>			
A group of segments providing details of the individual despatched items.			
<b>PIA</b> -C 10 - <a href="#">Additional product id</a>			
Function: This segment is used to identify additional product codes for the current line item.			
	EDIFACT	EAN*	Description
<a href="#">4347</a> Product identifier code qualifier	M an..3	<b>M</b>	* <a href="#">1</a> = Additional identification <a href="#">3</a> = Substituted by <a href="#">4</a> = Substituted for <a href="#">5</a> = Product identification
C212 ITEM NUMBER IDENTIFICATION	M	<b>M</b>	
<a href="#">7140</a> Item identifier	C an..35	<b>R</b>	
<a href="#">7143</a> Item type identification code	C an..3	<b>R</b>	<a href="#">AC</a> = HIBC (Health Industry Bar Code) EN = EAN <a href="#">SA</a> = Supplier's article number
<a href="#">1131</a> Code list identification code	C an..17	<b>O</b>	
<a href="#">3055</a> Code list responsible agency code	C an..3	<b>D</b>	<a href="#">9</a> = GS1 <a href="#">91</a> = Assigned by supplier or supplier's agent <a href="#">92</a> = Assigned by buyer or buyer's agent
Segment Notes: This segment is used to identify additional product codes for the current line item.  Examples: PIA+1+ABF5682:SA'			

<b>SG10</b> - C 9999 - <a href="#">CPS-SG11-SG17</a>			
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.			
<b>SG17</b> - C 9999 - <a href="#">LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25</a>			
A group of segments providing details of the individual despatched items.			
<b>IMD</b> -C 25 - <a href="#">Item description</a>			
Function: This segment is used to describe the current line item.			
	EDIFACT	EAN*	Description
<a href="#">7077</a> Description format code	C an..3	R	* <a href="#">F</a> = Free-form
C273 ITEM DESCRIPTION	C	A	
<a href="#">7009</a> Item description code	C an..17	O	
<a href="#">1131</a> Code list identification code	C an..17	O	
<a href="#">3055</a> Code list responsible agency code	C an..3	D	
<a href="#">7008</a> Item description	C an..256	O	
<a href="#">7008</a> Item description	C an..256	O	
Segment Notes: This segment is used to describe the current line item. It is recommended to use this segment only for coded descriptions. Data element 7008 in clear text should only be used when no product code is available or when free-form descriptions are required by trading partners.  Example: IMD+F++:::CORN CRISPIES'			

<b>SG10</b> - C 9999 - <a href="#">CPS-SG11-SG17</a>				
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.				
<b>SG17</b> - C 9999 - <a href="#">LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25</a>				
A group of segments providing details of the individual despatched items.				
<b>MEA</b> -C 10 - <a href="#">Measurements</a>				
Function: 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.				
	EDIFACT	EDX	EAN*	Description
<a href="#">6311</a> Measurement purpose code qualifier	M an..3		<b>M</b>	<a href="#">PD</a> =Physical dimensions (product ordered)
C502 MEASUREMENT DETAILS	C		<b>A</b>	
<a href="#">6313</a> Measured attribute code	C an..3		<b>A</b>	<a href="#">DI</a> =Diameter <a href="#">DP</a> =Depth <a href="#">HT</a> =Height dimension <a href="#">LN</a> =Length dimension <a href="#">TH</a> =Thickness
<a href="#">6321</a> Measurement significance code	C an..3		<b>O</b>	
C174 VALUE/RANGE	C		<b>R</b>	
<a href="#">6411</a> Measurement unit code	M an..3		<b>M</b>	<a href="#">CMT</a> =centimetre <a href="#">MMT</a> =millimetre <a href="#">MTR</a> =metre
<a href="#">6314</a> Measurement value	C an..18		<b>O</b>	
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 despatched product.  Example: MEA+PD+LN:4+MTR:8' The precise length of the product identified by the GTIN 5412345123453 is 8 metres.				

**SG10** - C 9999 - [CPS-SG11-SG17](#)

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.

**SG17** - C 9999 - [LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25](#)

A group of segments providing details of the individual despatched items.

**QTY** - C 10 - [Quantity](#)

Function:

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.

	EDIFACT	EAN*	Description
C186 QUANTITY DETAILS	M	M	
<a href="#">6063</a> Quantity type code qualifier	M an..3	M *	<a href="#">12</a> = Despatch quantity <a href="#">21</a> = Ordered quantity <a href="#">59</a> = Number of consumer units in the traded unit
<a href="#">6060</a> Quantity	M an..35	M	
<a href="#">6411</a> Measurement unit code	C an..3	D	NPR = number of pairs CMT = centimetre GRM = gram KGM = kilogram MMT = millimetre MTR = kilogram PCE = metre

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'

**SG10** - C 9999 - [CPS-SG11-SG17](#)

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.

**SG17** - C 9999 - [LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25](#)

A group of segments providing details of the individual despatched items.

**DTM** - C 5 - [Date/time/period](#)

Function:

This segment is used to specify relevant dates (and possibly times) and periods of the product which is about to be, or, has been despatched.

	EDIFACT	EDIFACT	EDIFACT	Description
C507 DATE/TIME/PERIOD	M	M		
<a href="#">2005</a> Date or time or period function code qualifier	M an..3	M	*	<a href="#">36</a> = Expiry date
<a href="#">2380</a> Date or time or period value	C an..35	R		
<a href="#">2379</a> Date or time or period format code	C an..3	R		<a href="#">102</a> = CCYYMMDD

Segment Notes:

This segment is used to specify relevant dates of the product which is about to be, or, has been despatched.

Example:

DTM+36:20020910:102'

Expiry date is the 10th of September 2002.



**SG10** - C 9999 - [CPS-SG11-SG17](#)

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.

**SG17** - C 9999 - [LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25](#)

A group of segments providing details of the individual despatched items.

**FTX** - C 99 - [Free text](#)

Function:

This segment is used to provide free form or coded text information.

	EDIFACT	EAN*	Description
<a href="#">4451</a> Text subject code qualifier	M an..3	<b>M</b>	<a href="#">GEN</a> = Entire transaction set <a href="#">ZZZ</a> = Mutually defined
<a href="#">4453</a> Free text function code	C an..3	<b>O</b> *	<a href="#">1</a> = Text for subsequent use
C107 TEXT REFERENCE	C	<b>D</b>	This composite is only used when trading partners have agreed to use mutually defined code values.
<a href="#">4441</a> Free text value code	M an..17	<b>M</b>	002 = Standard text.....
<a href="#">1131</a> Code list identification code	C an..17	<b>O</b>	
<a href="#">3055</a> Code list responsible agency code	C an..3	<b>D</b>	<a href="#">91</a> = Assigned by supplier or supplier's agent <a href="#">92</a> = Assigned by buyer or buyer's agent
C108 TEXT LITERAL	C	<b>D</b>	This composite is only used if coded text can not be used.
<a href="#">4440</a> Free text value	M an..512	<b>M</b>	
<a href="#">3453</a> Language name code	C an..3	<b>D</b>	ISO 639 two alpha code  This data element is only used when non coded free text has been provided in data element C108.

Segment Notes:

This segment is used to provide free form or coded text information.

Use of this segment in free form is not recommended since it may inhibit automatic processing of the Despatch Advice. Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission and processing overheads. Standard texts should be mutually defined between trading partners and can be used to cover legal or other requirements.

Example:

FTX+ZZZ+1+002:::91'

<b>SG10</b> - C 9999 - <a href="#">CPS-SG11-SG17</a>			
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.			
<b>SG17</b> - C 9999 - <a href="#">LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25</a>			
A group of segments providing details of the individual despatched items.			
<b>SG18</b> - C 99 - <a href="#">RFF-DTM</a>			
A group of segments to give reference numbers and dates.			
<b>RFF</b> - M 1 - <a href="#">Reference</a>			
Function: This segment is used to specify any references which are for the line item only.			
	EDIFACT	EAN*	Description
C506 REFERENCE	M	<b>M</b>	
<a href="#">1153</a> Reference code qualifier	M an..3	<b>M</b>	<a href="#">CR</a> = Customer reference number <a href="#">CT</a> = Contract number <a href="#">DQ</a> = Delivery note number <a href="#">IP</a> = Import licence number <a href="#">ON</a> = Order number (buyer) <a href="#">PK</a> = Packing list number <a href="#">VN</a> = Order number (supplier)
<a href="#">1154</a> Reference identifier	C an..70	<b>R</b>	
Segment Notes: This segment is used to specify any references which are for the line item only.  Example: RFF+CT:CT051523'			

**SG10** -C 9999 - [CPS-SG11-SG17](#)

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.

**SG17** -C 9999 - [LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25](#)

A group of segments providing details of the individual despatched items.

**SG18** -C 99 - [RFF-DTM](#)

A group of segments to give reference numbers and dates.

**DTM** -C 1 - [Date/time/period](#)

Function:

This segment is used to specify dates relating to the references given in the preceding RFF segment.

	EDIFACT	EAN*	Description
C507 DATE/TIME/PERIOD	M	M	
<a href="#">2005</a> Date or time or period function code qualifier	M an..3	M *	<a href="#">171</a> = Reference date/time
<a href="#">2380</a> Date or time or period value	C an..35	R	
<a href="#">2379</a> Date or time or period format code	C an..3	R	<a href="#">102</a> = CCYYMMDD

Segment Notes:

This segment is used to specify dates relating to the references given in the preceding RFF segment.

Example:

DTM+171:20021001:102'

<b>SG10</b> - C 9999 - <a href="#">CPS-SG11-SG17</a>				
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.				
<b>SG17</b> - C 9999 - <a href="#">LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25</a>				
A group of segments providing details of the individual despatched items.				
<b>SG20</b> - C 100 - <a href="#">LOC-NAD-DTM-QTY</a>				
A group of segments giving location information and where relevant, additional addresses, date and time, and quantities.				
<b>LOC</b> - M 1 - <a href="#">Place/location identification</a>				
Function:				
This segment may be used for 3 distinct purposes.				
1. This segment is used to identify the location of delivery for a split delivery despatch advice.				
2. 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 or LOC segment in the heading section.				
3. This segment can be used as well to specify traceability information for a specific line item. E.g. in the case of a meat product the processing country or processing facility in order to comply with legal requirements.				
	EDIFACT	EDIFACT	EDIFACT	Description
<a href="#">3227</a> Location function code qualifier	M an..3		<b>M</b>	<a href="#">Z</a> = Place of delivery
C517 LOCATION IDENTIFICATION	C		<b>A</b>	
<a href="#">3225</a> Location name code	C an..25		<b>A</b>	
<a href="#">1131</a> Code list identification code	C an..17		<b>O</b>	
<a href="#">3055</a> Code list responsible agency code	C an..3		<b>D</b> *	<a href="#">9</a> = <b>GS1</b>
C519 RELATED LOCATION ONE IDENTIFICATION	C		<b>O</b>	
<a href="#">3223</a> First related location name code	C an..25		<b>R</b>	Specify ultimate delivery location, e.g. a specific point on a works site.
C553 RELATED LOCATION TWO IDENTIFICATION	C		<b>O</b>	
<a href="#">3233</a> Second related location name code	C an..25		<b>R</b>	Used to further detail the delivery location.
Example: LOC+7+5412345678908::9'				

<b>SG10</b> -C 9999 - <a href="#">CPS-SG11-SG17</a>			
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.			
<b>SG17</b> -C 9999 - <a href="#">LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25</a>			
A group of segments providing details of the individual despatched items.			
<b>SG20</b> -C 100 - <a href="#">LOC-NAD-DTM-QTY</a>			
A group of segments giving location information and where relevant, additional addresses, date and time, and quantities.			
<b>DTM</b> -C 1 - <a href="#">Date/time/period</a>			
Function:			
This segment is used to indicate the date on which the delivery or split delivery will take place to the location identified in the LOC segment.			
	EDIFACT	EAN*	Description
C507 DATE/TIME/PERIOD	M	M	
<a href="#">2005</a> Date or time or period function code qualifier	M an..3	M *	<a href="#">2</a> =Delivery date/time, requested <a href="#">11</a> =Despatch date and/or time <a href="#">200</a> =Pick-up/collection date/time of cargo <a href="#">234</a> =Collection date/time, earliest
<a href="#">2380</a> Date or time or period value	C an..35	R	
<a href="#">2379</a> Date or time or period format code	C an..3	R	<a href="#">102</a> =CCYYMMDD
Segment Notes:			
This segment is used to indicate the date on which the delivery or split delivery will take place to the location identified in the LOC segment.			
Example: DTM+171:20021001:102'			

<b>SG10</b> - C 9999 - <a href="#">CPS-SG11-SG17</a>				
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.				
<b>SG17</b> - C 9999 - <a href="#">LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25</a>				
A group of segments providing details of the individual despatched items.				
<b>SG20</b> - C 100 - <a href="#">LOC-NAD-DTM-QTY</a>				
A group of segments giving location information and where relevant, additional addresses, date and time, and quantities.				
<b>QTY</b> -C 10 - <a href="#">Quantity</a>				
Function:				
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 the current segment group for the line must equal the value for the total quantity detailed in the QTY segment at line level.				
	EDIFACT	EDIFACT	EDIFACT	Description
C186 QUANTITY DETAILS	M	M		
<a href="#">6063</a> Quantity type code qualifier	M an..3	M	*	<a href="#">12</a> = Despatch quantity <a href="#">21</a> = Ordered quantity
<a href="#">6060</a> Quantity	M an..35	M		
<a href="#">6411</a> Measurement unit code	C an..3	D		NPR = number of pairs CMT = centimetre GRM = gram KGM = kilogram MMT = millimetre MTR = kilogram PCE = metre
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 the current segment group for the line must equal the value for the total quantity detailed in the QTY segment at line level.				
Example: QTY+12:400'				

<b>SG10</b> - C 9999 - <a href="#">CPS-SG11-SG17</a>			
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.			
<b>SG17</b> - C 9999 - <a href="#">LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25</a>			
A group of segments providing details of the individual despatched items.			
<b>SG22</b> - C 9999 - <a href="#">PCI-DTM-MEA-QTY-SG23-SG24</a>			
A group of segments identifying one specific package or a number of packages, their marks and numbers, measurements, quantities and date and time information.			
<b>PCI</b> - M 1 - <a href="#">Package identification</a>			
Function:			
This segment is used to provide markings and labels information relevant to the product identified in the LIN segment.			
	EDIFACT	EAN*	Description
<a href="#">4233</a> Marking instructions code	C an..3	0	<a href="#">17</a> =Supplier's instructions <a href="#">33E</a> =Marked with serial shipping container code (GS1 Code)
Segment Notes:			
This segment is used to provide markings and labels information relevant to the product identified in the LIN segment. If the date is machine readable, the DTM segment below should be used. If the date is human readable DE 7102 in this segment should be used.			
Example: PCI+33E'			

<b>SG10</b> - C 9999 - <a href="#">CPS-SG11-SG17</a>			
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.			
<b>SG17</b> - C 9999 - <a href="#">LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25</a>			
A group of segments providing details of the individual despatched items.			
<b>SG22</b> - C 9999 - <a href="#">PCI-DTM-MEA-QTY-SG23-SG24</a>			
A group of segments identifying one specific package or a number of packages, their marks and numbers, measurements, quantities and date and time information.			
<b>DTM</b> -C 5 - <a href="#">Date/time/period</a>			
Function: This segment is used to provide pertinent date and time details relating to the PCI segment.			
	EDIFACT	EAN*	Description
C507 DATE/TIME/PERIOD	M	<b>M</b>	
<a href="#">2005</a> Date or time or period function code qualifier	M an..3	<b>M</b>	<a href="#">36</a> = Expiry date <a href="#">94</a> = Production/manufacture date <a href="#">360</a> = Sell by date <a href="#">361</a> = Best before date
<a href="#">2380</a> Date or time or period value	C an..35	<b>R</b>	
<a href="#">2379</a> Date or time or period format code	C an..3	<b>R</b>	<a href="#">102</a> = CCYYMMDD
Segment Notes: This segment is used to provide pertinent date and time details relating to the PCI segment.  Example: DTM+94:20020901:102'			



<b>SG10</b> - C 9999 - <a href="#">CPS-SG11-SG17</a>				
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.				
<b>SG17</b> - C 9999 - <a href="#">LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25</a>				
A group of segments providing details of the individual despatched items.				
<b>SG22</b> - C 9999 - <a href="#">PCI-DTM-MEA-QTY-SG23-SG24</a>				
A group of segments identifying one specific package or a number of packages, their marks and numbers, measurements, quantities and date and time information.				
<b>MEA</b> -C 10 - <a href="#">Measurements</a>				
Function:				
This segment is used to provide measurements relevant to the packaging unit identified in the PCI segment.				
	EDIFACT	EDIFACT	EDIFACT	Description
<b>6311</b> Measurement purpose code qualifier	M an..3		<b>M</b>	<a href="#">PD</a> =Physical dimensions (product ordered)
C502 MEASUREMENT DETAILS	C		<b>A</b>	
<b>6313</b> Measured attribute code	C an..3		<b>A</b>	<a href="#">AAC</a> =Total net weight <a href="#">AAD</a> =Total gross weight <a href="#">HT</a> =Height dimension <a href="#">LN</a> =Length dimension <a href="#">WD</a> =Width dimension
<b>6321</b> Measurement significance code	C an..3		<b>O</b>	<a href="#">3</a> =Approximately <a href="#">4</a> =Equal to
C174 VALUE/RANGE	C		<b>R</b>	
<b>6411</b> Measurement unit code	M an..3		<b>M</b>	<a href="#">CMT</a> =centimetre <a href="#">KGM</a> =kilogram <a href="#">LTR</a> =litre
<b>6314</b> Measurement value	C an..18		<b>O</b>	
Segment Notes:				
This segment is used to provide measurements relevant to the packaging unit identified in the PCI segment.				
Example: MEA+PD+AAC+KGM:12'				

**SG10** - C 9999 - [CPS-SG11-SG17](#)

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.

**SG17** - C 9999 - [LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25](#)

A group of segments providing details of the individual despatched items.

**SG22** - C 9999 - [PCI-DTM-MEA-QTY-SG23-SG24](#)

A group of segments identifying one specific package or a number of packages, their marks and numbers, measurements, quantities and date and time information.

**QTY** -C 1 - [Quantity](#)

Function:

This segment is used to define quantities contained relevant to the PCI segment.

	EDIFACT	EDIFACT	EAN*	Description
C186 QUANTITY DETAILS	M		<b>M</b>	
<a href="#">6063</a> Quantity type code qualifier	M an..3		<b>M</b> *	<a href="#">59</a> = Number of consumer units in the traded unit
<a href="#">6060</a> Quantity	M an..35		<b>M</b>	
<a href="#">6411</a> Measurement unit code	C an..3		<b>D</b>	<a href="#">PCE</a> = Piece (GS1 Code)

Segment Notes:

This segment is used to define quantities contained relevant to the PCI segment.

Example:  
QTY+59:48'

<b>SG10</b> - C 9999 - <a href="#">CPS-SG11-SG17</a>			
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.			
<b>SG17</b> - C 9999 - <a href="#">LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25</a>			
A group of segments providing details of the individual despatched items.			
<b>SG22</b> - C 9999 - <a href="#">PCI-DTM-MEA-QTY-SG23-SG24</a>			
A group of segments identifying one specific package or a number of packages, their marks and numbers, measurements, quantities and date and time information.			
<b>SG23</b> - C 10 - <a href="#">GIN-DLM</a>			
A group of segments giving package identification numbers and, where relevant, delivery limitation information.			
<b>GIN</b> - M 1 - <a href="#">Goods identity number</a>			
Function: This segment is used to provide identification numbers relevant to the packaging of the current line item.			
	EDIFACT	EAN*	Description
<a href="#">7405</a> Object identification code qualifier	M an..3	<b>M</b>	* <a href="#">BJ</a> = <b>Serial shipping container code</b> <a href="#">BX</a> = <b>Batch number</b> EU = <b>EAN</b>
C208 IDENTITY NUMBER RANGE	M	<b>M</b>	
<a href="#">7402</a> Object identifier	M an..35	<b>M</b>	
Segment Notes: This segment is used to provide identification numbers relevant to the packaging of the current line item. In EANCOM it is recommended to use the Serial Shipping Container Code (SSCC's) for unique identification of individual transport packages.  Example: GIN+BJ+354123450000000014'			

<b>SG10</b> - C 9999 - <a href="#">CPS-SG11-SG17</a>			
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.			
<b>SG17</b> - C 9999 - <a href="#">LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25</a>			
A group of segments providing details of the individual despatched items.			
<b>SG22</b> - C 9999 - <a href="#">PCI-DTM-MEA-QTY-SG23-SG24</a>			
A group of segments identifying one specific package or a number of packages, their marks and numbers, measurements, quantities and date and time information.			
<b>SG24</b> - C 10 - <a href="#">HAN</a>			
A group of segment providing information on hazardous materials and handling.			
<b>HAN</b> - M 1 - <a href="#">Handling instructions</a>			
Function: This segment is used to provide handling instructions.			
	EDIFACT	EDX	Description
C524 HANDLING INSTRUCTIONS	C	O	
<a href="#">4079</a> Handling instruction description code	C an..3	R	<a href="#">BIG</a> = Outsized (GS1 Code) <a href="#">CRU</a> = Crushable (GS1 Code) <a href="#">EAT</a> = Foodstuffs (GS1 Code) <a href="#">HWC</a> = Handle with care (GS1 Code) <a href="#">PSC</a> = Pest controlling (GS1 Code) <a href="#">STR</a> = Stacking restricted (GS1 Code) <a href="#">UST</a> = Unstackable (GS1 Code)
<a href="#">1131</a> Code list identification code	C an..17	N	
<a href="#">3055</a> Code list responsible agency code	C an..3	D *	<a href="#">9</a> = GS1 This data element is only used when GS1 codes are used in data element 1131.
<a href="#">4078</a> Handling instruction description	C an..70	O	
Segment Notes: This segment is used to provide handling instructions.  Example: HAN+EAT'			

**SG10** - C 9999 - [CPS-SG11-SG17](#)

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.

**SG17** - C 9999 - [LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25](#)

A group of segments providing details of the individual despatched items.

**SG25** - C 10 - [QVR-DTM](#)

A group of segments identifying quantity variances, the reason for the variance, and, when relevant, date and time information.

**QVR** - M 1 - [Quantity variances](#)

Function:

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

	EDIFACT	EDIFACT	EAN*	Description
C279 QUANTITY DIFFERENCE INFORMATION	C		R	
<a href="#">6064</a> Quantity variance value	M n..15		M	Specify the actual variance amount here.
<a href="#">6063</a> Quantity type code qualifier	C an..3		R *	<a href="#">21</a> = Ordered quantity <a href="#">66</a> = Committed quantity
<a href="#">4221</a> Discrepancy nature identification code	C an..3		O	<a href="#">BP</a> = Shipment partial - back order to follow <a href="#">CP</a> = Shipment partial - considered complete, no backorder
C960 REASON FOR CHANGE	C		O	
<a href="#">4295</a> Change reason description code	C an..3		O	
<a href="#">3055</a> Code list responsible agency code	C an..3		D	<a href="#">9</a> = GS1
<a href="#">4294</a> Change reason description	C an..35		O	

Segment Notes:

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

Example:  
QVR+-50:21'

<b>SG10</b> - C 9999 - <a href="#">CPS-SG11-SG17</a>			
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.			
<b>SG17</b> - C 9999 - <a href="#">LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25</a>			
A group of segments providing details of the individual despatched items.			
<b>SG25</b> - C 10 - <a href="#">QVR-DTM</a>			
A group of segments identifying quantity variances, the reason for the variance, and, when relevant, date and time information.			
<b>DTM</b> - C 5 - <a href="#">Date/time/period</a>			
Function: This segment is used to specify dates relevant to the quantity variance specified in the preceding QVR segment.			
	EDIFACT	EAN*	Description
C507 DATE/TIME/PERIOD	M	<b>M</b>	
<a href="#">2005</a> Date or time or period function code qualifier	M an..3	<b>M</b>	<a href="#">36</a> = Expiry date
<a href="#">2380</a> Date or time or period value	C an..35	<b>R</b>	
<a href="#">2379</a> Date or time or period format code	C an..3	<b>R</b>	<a href="#">102</a> = CCYYMMDD <a href="#">203</a> = CCYYMMDDHHMM <a href="#">718</a> = CCYYMMDD-CCYYMMDD
Segment Notes: This segment is used to specify dates relevant to the quantity variance specified in the preceding QVR segment.  Example: DTM+94:20020901:102'			

<b>UNT</b> -M 1 - <a href="#">Message trailer</a>			
Function: This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.			
	EDIFACT	EAN*	Description
<a href="#">0074</a> Number of segments in the message	M n..6	<b>M</b>	The total number of segments in the message is detailed here.
<a href="#">0062</a> Message reference number	M an..14	<b>M</b>	The message reference numbered detailed here should equal the one specified in the UNH segment.
Segment Notes: This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.  Example: UNT+57+ME000001'			

**Message example:**

UNB+UNOE:2+12345678:PH+76539419:PH+200508:0113+1000000830'  
UNH+444281782+DESADV:D:01B:UN:EAN007'  
BGM+351+0038624863+9'  
DTM+137:20161028:102'  
DTM+2:20161031:102'  
DTM+11:20161030:102'  
DTM+200:20161029:102'  
DTM+234:20161101:102'  
RFF+ON:CUSTOMER\_ORDER\_NUMBER'  
DTM+171:20161027:102'  
RFF+CR:CUSTOMER\_REFERENCE\_NUMBER'  
DTM+171:20161026:102'  
RFF+CT:CONTRACT\_NUMBER'  
DTM+171:20161025:102'  
RFF+DQ:DELIVERY\_NOTE\_NUMBER'  
DTM+171:20161024:102'  
RFF+IP:IMPORT\_LICENCE\_NUMBER'  
DTM+171:20161023:102'  
RFF+PK:PACKING\_LIST\_NUMBER'  
DTM+171:20161022:102'  
RFF+VN:SUPPLIER\_ORDER\_NUMBER'  
DTM+171:20161021:102'  
NAD+BY+3001448::BGA'  
CTA+DL+Departmentb:Max Mustermannb'  
COM+?+49 9876 54 3211:TE'  
NAD+DP+DELIVERY\_PARTY::BGA'  
CTA+DL+Departmentd:Max Mustermannnd'  
COM+?+49 9876 54 3212:TE'  
NAD+UC+ULTIMATE\_CONSIGNEE::BGA'  
CTA+DL+Departmentu:Max Mustermannu'  
COM+?+49 9876 54 3213:TE'  
NAD+SH+SHIPPER::BFA'  
CTA+DL+Departmentsht:Max Mustermannsh'  
COM+?+49 9876 54 3214:TE'  
NAD+SU+SUPPLIER::BFA'  
RFF+ABP:DE812134551'  
RFF+API:12345'  
CTA+DL+Departmentsu:Max Mustermannsu'  
COM+?+49 9876 54 3215:TE'  
TOD+6++EXW::Frankfurt'  
LOC+1+300145'  
TDT+20++30++MT123+++::IDTrans'  
LOC+5+99001'  
EQD+UL+::9++1'  
MEA+XY+111+101:PK'  
CPS+1'



PAC+10++CT'  
MEA+XY+222+102:PK'  
QTY+12:101:PK'  
QTY+21:102:PK'  
QTY+59:103:PK'  
HAN+1:::XYZ'  
CPS+2+1'  
PAC+10++CT'  
MEA+XY+333+103:PK'  
QTY+12:104:PK'  
QTY+21:105:PK'  
QTY+59:106:PK'  
HAN+1:::XYZ'  
LIN+1++00175161:PZN'  
PIA+1+00175165:PZN::92'  
IMD+F++:::Apidra 100 I.E./ml :Inj.Lsg. 5x10ml23'  
MEA+XY+444+104:PK'  
QTY+12:12.000:PCE'  
QTY+21:13.000:PCE'  
DTM+36:20180720:102'  
DTM+94:20180719:102'  
DTM+360:20180718:102'  
DTM+361:20180717:102'  
RFF+ON:CUSTOMER\_ORDER\_NUMBER'  
DTM+171:20161016:102'  
RFF+CR:CUSTOMER\_REFERENCE\_NUMBER'  
DTM+171:20161015:102'  
RFF+CT:CONTRACT\_NUMBER'  
DTM+171:20161014:102'  
RFF+DQ:DELIVERY\_NOTE\_NUMBER'  
DTM+171:20161013:102'  
RFF+IP:IMPORT\_LICENCE\_NUMBER'  
DTM+171:20161012:102'  
RFF+PK:PACKING\_LIST\_NUMBER'  
DTM+171:20161011:102'  
RFF+VN:SUPPLIER\_ORDER\_NUMBER'  
DTM+171:20161010:102'  
LOC+5+99001+88001'  
QTY+12:14.000:PCE'  
QTY+21:15.000:PCE'  
PCI+17'  
DTM+36:20180709:102'  
DTM+94:20180708:102'  
DTM+360:20180707:102'  
DTM+361:20180706:102'  
GIN+BX+6F482A'  
HAN+HWC:::Tran/Lag ?+2 bis ?+8 C'  
QVR+99001+8'

DTM+36:2017070120170630:718'  
LIN+2++00175162:PZN'  
PIA+1+00175165:PZN::92'  
IMD+F++::Apidra 100 I.E./ml :Inj.Lsg. 5x10ml321'  
MEA+XY+555+105:PK'  
DTM+36:20170731:102'  
DTM+94:20160630:102'  
DTM+360:20150731:102'  
DTM+361:20140731:102'  
RFF+ON:CUSTOMER\_ORDER\_NUMBER'  
DTM+171:20131027:102'  
RFF+CR:CUSTOMER\_REFERENCE\_NUMBER'  
DTM+171:20121027:102'  
RFF+CT:CONTRACT\_NUMBER'  
DTM+171:20111027:102'  
RFF+DQ:DELIVERY\_NOTE\_NUMBER'  
DTM+171:20101027:102'  
RFF+IP:IMPORT\_LICENCE\_NUMBER'  
DTM+171:20091027:102'  
RFF+PK:PACKING\_LIST\_NUMBER'  
DTM+171:20081027:102'  
RFF+VN:SUPPLIER\_ORDER\_NUMBER'  
DTM+171:20071027:102'  
LOC+5+99001+88001'  
QTY+12:16.000:PCE'  
QTY+21:26.000:PCE'  
PCI+17'  
QTY+59:36.000:PCE'  
GIN+BX+6F482A'  
HAN+HWC:::Tran/Lag ?+2 bis ?+8 C'  
QVR+99001+8'  
DTM+36:2001070120170731:718'  
LIN+3++00175163:PZN'  
PIA+1+00175165:PZN::92'  
IMD+F++::Apidra 100 I.E./ml :Inj.Lsg. 5x10ml321'  
MEA+XY+555+105:PK'  
DTM+36:20170731:102'  
DTM+94:20160630:102'  
DTM+360:20150731:102'  
DTM+361:20140731:102'  
RFF+ON:CUSTOMER\_ORDER\_NUMBER'  
DTM+171:20131027:102'  
RFF+CR:CUSTOMER\_REFERENCE\_NUMBER'  
DTM+171:20121027:102'  
RFF+CT:CONTRACT\_NUMBER'  
DTM+171:20111027:102'  
RFF+DQ:DELIVERY\_NOTE\_NUMBER'  
DTM+171:20101027:102'

RFF+IP:IMPORT\_LICENCE\_NUMBER'  
DTM+171:20091027:102'  
RFF+PK:PACKING\_LIST\_NUMBER'  
DTM+171:20081027:102'  
RFF+VN:SUPPLIER\_ORDER\_NUMBER'  
DTM+171:20071027:102'  
LOC+5+99001+88001'  
QTY+12:56.000:PCE'  
QTY+21:66.000:PCE'  
PCI+17'  
GIN+BX+6F482A'  
HAN+HWC:::Tran/Lag ?+2 bis ?+8 C'  
QVR+99001+8'  
DTM+36:2001070120170731:718'  
CNT+2:13'  
UNT+157+444281782'  
UNZ+1+1000000830'