

KITS

EDI Technical Documentation

EDIFACT Standard Version D96A

DESPATCH ADVICE MESSAGE (DESADV) (with Handling Unit)

Version 1.3

1. Overview

This specification provides the details of the **Despatch Advice message (DESADV)** to be used in Electronic Data Interchange (EDI) in EDIFACT – Version D96 format between Operating Company and the Vendor.

DESADV (Despatch Advice) is a message from the seller to the buyer. It provides information on goods shipped or ready for shipment under conditions accepted by buyer and seller. It provides the details of the shipment. It is required so that the company knows when the material has been despatched or will be ready. It also helps in matching of despatched goods and the following invoice.

EDIFACT Version : D96A
EANCOM SUBSET: 005

2. Segments Layout

The segments are presented in the sequence in which they appear in the message. The segment or segment group tag consists of Segment Name; Segment code; Status; maximum field lengths; maximum number of repeats of the segment/element and the details/descriptions to provide extra required information.

Descriptions which has been flagged as **Not Required**, highlights the elements/segment which is not used in KITS.

There is various status of Data elements as per EANCOM standard, but for KITS messages we use only three statuses as (M)andatory /(C)onditional /(R)equired :

CODE	STATUS	USE
M	Mandatory	Code Indicator defines that the segment/element must be used.
C	Conditional	Code Indicator defines that the segment/element is optional. It can or cannot be used by the Vendors as per their own requirements.
R	Required	Code indicator defines that the segment /element is conditional as per the EDIFACT message standards , but the message information is mandatory only for the company (KITS).

3. Interchange structure and service segments

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

- The first service segment possible in an interchange is the 'UNA' segment which is used to define the separators being used in the interchange.
- The second service segment, "UNB", indicates the beginning of the interchange.
- The 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
Message envelope:	UNH UNT

A segment consists of:

- A segment tag: identifies the segment type
- Data element separators
- Component Data elements
- A segment terminator

4. Separators

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

E.g. 10?+10=20 means 10+10=20

5. Conventions

The following conventions apply in the present documentation:

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

6. Segment Structure

All the service segments and the segment groups has been detailed in the below descriptions. An Example of an EDIFACT segment has been mentioned to identify the segment separators and the data values.

DTM+137:19940101:102'

DTM	=	Tag of the "Date" segment;
+	=	separator;
137	=	Qualifier to indicate the date is the Message Date;
:	=	separator of data elements within a composite (here, the date qualifier and the date);
20160101	=	the date;
:	=	separator of data elements within a composite (here, the date and the date format qualifier);
102	=	Qualifier to indicate the format of the date (CCYYMMDD);
'	=	Segment terminator.

7. Message Structure Chart

Here collections of segments repeat as a group, which is mentioned as segment groups. **Number of Repeats** defines the number of times a segment or segment group may repeat. This structure is specific only for KITS messages.

TAG	SEGMENT NAME	M/C/R	Required Number of Repeats
UNA	Service String	M	1
UNB	Interchange Header	M	1
UNH	Message header	M	1
BGM	Message beginning	M	1
DTM	Date/Time/Period	R	3
	SEGMENT GROUP 1	M	2
RFF	Reference Details	M	1
DTM	Document Date	R	1
	SEGMENT GROUP 2	M	3
NAD	Name & Address Details	M	1
	SEGMENT GROUP 6	M	1
TDT	Details of Transport	C	1
	PACKAGE INFORMATION LOOP		
	SEGMENT GROUP 10	M	9999
CPS	Consignment Packing Sequence	M	1
	SEGMENT GROUP 11	R	
PAC	Package	M	1
	SEGMENT GROUP 13	R	
PCI	Package Identification	M	1
	SEGMENT GROUP 14	R	
GIN	Goods Identity Number	M	1
	START OF LINE INFORMATION		
	SEGMENT GROUP 15	M	
LIN	Line Details	M	1
PIA	Additional product Identification	C	1
IMD	Item Description	C	1
QTY	Quantity of the Item	R	2
	SEGMENT GROUP 16		
RFF	Reference Details	M	2
	SEGMENT GROUP 18	C	
LOC	Location Identification	R	1
	END OF LINE INFORMATION		
UNS	Section Control	M	1
CNT	Control Total	R	1

UNT	Message trailer	M	1
UNZ	Interchange trailer	M	1

Segments structure layer is defined as below:

UNA	Service String		} Technical layer
UNB	Interchange Header		
UNH	Message header		
Message Header			
BGM	Message beginning	(Type = Despatch Advice)	} Technical layer
DTM	Document Date	(Message File date)	
DTM	Shipping Date	(Date when goods are despatched)	
DTM	Estimated Delivery Date	(Estimated delivery date for goods)	
RFF	Reference Number	(Delivery Document/Sales Order Number)	
DTM	Reference date	(Reference date of the document)	
NAD (1)	Trading Parties Details	(Buyer party)	
NAD (2)	Trading Parties Details	(Supplier Party)	
NAD (3)	Trading Parties Details	(Delivery Party)	
TDT	Transport Details	(Transport/Carrier information)	
Message Details			
CPS	Consignment packing Sequence	(Packaging Level (Shipment/Pallet/Carton))	} Technical layer
PAC	Package Information	(Type/number of Package)	
PCI	Packaging Identification	(Loading Method)	
GIN	Goods Identification	(Pallet Identifiers -Outer/Inner)	
LIN	Line Information		
QTY.....	Quantity	(Number of items in a Pack)	
QTY.....	Quantity	(Number of Pack)	
RFF (1)	Reference Number	(PO Line Item Number)	
RFF (1)	Reference Number	(PO Number)	
LOC	Delivery Location		
UNS	Section Control		} Technical Layer
CNT	Control Total		
UNT	Message trailer		
UNZ	Interchange trailer		

8. Message Segment Details

This specification contains only the segment details for the messages specific for KITS. Other Segments (as per the GS1 EANCOM standard) which are not used in the Message has not been defined here.

All the segments details have been listed in the same sequence they appear on the message. Specific Comments has been added in the Description column to clarify KITS requirements.

For some of the segments, the code has been fixed (as per the EDIFACT message standard codes) . This code has been defined with a tag name as **Default Value=** (code)

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION	
UNA	:		M			
	UNA1	+	Data element separator	M	an.1	Is used to separate two simple or composite data elements (Default value = +)
	UNA2		Decimal notation	M	an.1	Is used to indicate the character used for decimal notation (Default value = .)
	UNA3		Release character	M	an.1	Used to restore the separator and the terminator signs to their original specification (Default value= ?)
	UNA4		Reserved for future use	M	an.1	Default value = (space)
	UNA5		Segment terminator	M	an.1	Used to indicate the end of segment data (Default value = ')

Remarks:

This segment is used to inform the receiver of the interchange that a set of service string characters which are different to the default characters are being used.

Example:

UNA:+.? '

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION	
UNB	+					
	S001	SYNTAX IDENTIFIER	M			
	0001	SYNTAX IDENTIFIER	M	an.4	Default Value =UNOA	
	0002	:	Syntax version number	M	n.1	Default Value = 3
	S002	INTERCHANGE SENDER				
	0004	+	Sender identification	M	an.35	Supplier's ANA/GLN code (As a KITS format, the code should be of 13 digits)
	0007	:	Sender Qualifier	C	an.4	ANA/GLN Qualifier
	S003	INTERCHANGE RECIPIENT				
	0010	+	Recipient identification	M	an.35	KITS ANA/GLN Identity (As a KITS format, the code should be of 13 digits)
	0007	:	Sender Qualifier	C	an.4	ANA/GLN Qualifier
	S004	DATE/TIME OF MESSAGE				
	0017	+	Date	M	n.6	YYMMDD
	0019	:	Time	M	n.6	HHMM
	0020	+	Interchange control reference	M	an.14	Unique reference identifying the interchange. Created by the interchange sender.

Remarks:

It is used to envelope the interchange and identify the two trading parties.

Example:

UNB+UNOA:3+3017002657108:14+3020400000100:14+170508:1053+014097'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
UNH	+	0062		Message reference Number	M	an.14	Sender's unique message reference. Sequence number of the messages in the interchange. The reference in the UNT segment should match with the reference number mentioned here.
		S009		MESSAGE IDENTIFIER	M		
		0065	+	Message Type Identifier	M	an.6	DESADV (Code to identify that the message is a Despatch Advice)
		0052	:	Message type version number	M	an.3	D (UN/EDIFACT Directory)
		0054	:	Message type release number	M	an.3	96A (Release 1996 – A)
		0051	:	Controlling agency	M	an.2	Default value= UN
		0057	:	Association assigned code	R	an.6	Default value= EAN005
				0068	+	Common access reference	R

Remarks:

This service segment is used to uniquely identify & specify the type of message.
Segment No 0057 states that EANCOM version 008 is being used.

Example:

UNH+1+DESADV:D:96A:UN:EAN005+HU DESADV'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
BGM	+	C002		BEGINNING OF MESSAGE	M		
		1001		Message name code	R	an.3	Possible values as per standard: 351=Despatch advice YA6 = Despatch advice for pre-packed cross docking (EAN code) YB3 = Notice of readiness advice for pre-packed cross-docking (EAN code) 345=Notice of readiness advice for pre-packed cross-docking
		1131	:	Code list Qualifier	C	an.3	Not required
		3055	:	Code List	C	an.3	Not required
		1000	:	Message name	C	an.35	Not required
		1004	+	Document Number	R	an.35	Despatch Advice reference number Here the shipment reference should be same as that provided in (RFF+DQ) segment. Details shared in pg.13.
		1225	+	Message function code number	R	an.3	Possible values as per standard: 9 = Original 31 = Copy Values accepted: 9 = Original

Remarks:

This segment is used to indicate the type, function, and the reference document number of Shipment Notification /Despatch Advice message. The Shipment reference number should be same in both BGM & RFF+DQ segments.

Example:

BGM+351+1237611+9' (Shipment reference for OPCO- Castorama France).

As only Castorama France & Brico France vendors are allowed to send their own reference number)

BGM+351+2005701806150001+9'

(Shipment reference for other OPCO e.g Castopoland; Brico Romania etc.)

DTM SEGMENTS:

DTM	DATE/TIME details for the document	Number of Repeats = 3	Required (R)/Conditional (C)
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SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
DTM	+	C507		DATE/TIME/PERIOD	R		
		2005		Date qualifier	M	an.3	Default value= 137 (Resemble Document date code)
		2380	:	Date	M	an.35	Date in CCYYMMDD format
		2379	:	Date format qualifier	M	an.3	Default value= 102 (Resemble Date in format CCYYMMDD)

Remarks:

This segment is used to specify the document date of the Despatch Advice message.

The below example shows that the document date is 11th August 2017.

Example:

DTM+137:20170811:102'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
DTM	+	C507		DATE/TIME/PERIOD	C		
		2005		Date qualifier	M	an.3	Default value= 2 (Resemble requested delivery date)

		2380	:	Date	M	an.35	Date & Time in CCYYMMDD format
		2379	:	Date format qualifier	M	an.3	Default value= 102 (Resemble Date in format CCYYMMDD)

Remarks:

This segment is used to specify the requested delivery date.

The below example shows that the requested delivery date is 1st September 2017.

Example:

DTM+2:20170901:102'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
DTM	+	C507		DATE/TIME/PERIOD	R		
		2005		Date qualifier	M	an.3	Default value= 17 (Resemble Estimated delivery date)
		2380	:	Date	M	an.35	Date & time in CCYYMMDD format
		2379	:	Date format qualifier	M	an.3	Default value= 102 (Resemble Date in format CCYYMMDDHHMM)

Remarks:

This segment is used to specify the Estimated delivery date of the Goods.

The below example shows that the estimated delivery of goods will be on 12th September 2017.

Example:

DTM+17:20170912:102'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
RFF	+	C506		REFERENCE	R		
		1153		Reference qualifier	M	an.3	Default value= DQ

		1154	:	Reference number	M	an.35	<p>Delivery reference Number.</p> <p>The number should be constructed as a string of 16 digits using the following:</p> <ul style="list-style-type: none"> • Six-digit vendor code • The date of the ASN creation in reverse (YYMMDD). • A rolling sequential value starting at 0001 up to 9999. This is defined as the rolling count of ASN's sent within that given date of creation. So the first ASN on a given day is 0001, then 0002, then 0003 etc etc.
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Remarks:

This segment is used to provide a reference number to the document relating to the whole despatch advice message.

The ASN reference number should be as per the above format (String of 16 digits: Vendor code+ ASN creation date+ Rolling sequence number. For vendors unable to follow our recommended format of the ASN reference number, instead should generate their own unique reference number, which must not be more than 16 digits.

As for vendors who are delivering to OPCO- Castorama France & Brico France, if they are not able to generate the ASN reference number with the above required 16 digits format, they can send their own reference number, but it should not be more than 16 digits.

Companies dealing with more than one OpCo now (or potentially in the future), Each ASN number generated by your system has to be unique across the group (not only within the OpCo).

Example:

RFF+DQ:91237611' (ASN for Casto France DC)

RFF+DQ:2005701806150001'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
DTM	+	C507		DATE/TIME/PERIOD	R		

		2005		Date qualifier	M	an.3	Default value= 171 (Resemble code for Document Reference date)
		2380	:	Date	M	an.35	Date in CCYYMMDD format
		2379	:	Date format qualifier	M	an.3	Default value= 102 (Resemble Date in format CCYYMMDD)

Remarks:

This segment is used to specify the reference date of the Despatch Advice message.
The below example shows the file creation date is 26th July 2017.

Example:

DTM+171:20170726:102'

RFF SEGMENTS :

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
RFF	+	C506		REFERENCE	R		
		1153		Reference qualifier	M	an.3	Default value= ON
		1154	:	Reference number	M	an.35	Purchase Order Number. It should be the same as the PO number as you received.

Remarks:

This segment is used to specify the **purchase order number** for which the Receiving Advice is being sent.

Example:

RFF+ON:0091237611'

NAD SEGMENTS :

NAD	Name & Address details	Number of Repeats= 3	Mandatory (M)
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SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C	PIC	DESCRIPTION	
NAD	+	NAME & ADDRESS	M			
	3035	Party qualifier	M	an.3	Default value= BY (Resemble Buyer)	
	C082	PARTY DETAILS	R			
	3039	+	Party Id Identification	M	an.35	GLN/ANA Number of the trading party. It should be same as you received in the Purchase Order.
	1131	:	Code list Qualifier	C	an.3	Not required
	3055	:	Party Id Code	M	an.3	Default value= 9
	C058		PARTY NAME	C		
	3124	+	Name and address line	M	an.35	Name of the Operating Company
	3124	:	Name and address line	C	an.35	Buyer Name & Address
	3124	:	Name and address line	C	an.35	Buyer Name & Address
	3124	:	Name and address line	C	an.35	Buyer Name & Address
	3124	:	Name and address line	C	an.35	Buyer Name & Address

Remarks:

This segment is used in identifying names, addresses and locations of the Buyer Party, relevant to the whole Receiving advice.

Buyer (BY) is referred to the party who creates & send then Order. As for example below, the buyer 3020400000100 has send the Order.

Example:

NAD+BY+3020400000100::9'

SEGMENT		SEGMENT NO.	SEGMENT NAME	M/C	PIC	DESCRIPTION	
NAD	+		NAME & ADDRESS	M			
		3035	Party qualifier	M	an.3	Default value= SU (Resemble Supplier)	
		C082	PARTY DETAILS	R			
		3039	+	Party Id Identification	M	an.35	GLN Number of the trading party
		1131	:	Code list Qualifier	C	an.3	Not required
		3055	:	Party Id Code	M	an.3	Default value= 9
		C058		PARTY NAME	C		
		3124	+	Name and address line	M	an.35	Name of the Supplier
		3124	:	Name and address line	C	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address

Remarks:

This segment is used to identify the trading partners. Identification of Supplier Party (Name/Address & Locations) is mentioned. SU (Supplier Party) refers to whom the Order is being sent.

Example:

NAD+SU+3017002657108::9'

SEGMENT		SEGMENT NO.	SEGMENT NAME	M/C	PIC	DESCRIPTION
NAD	+		NAME & ADDRESS	C		
		3035	Party qualifier	M	an.3	Default value as below: SH = Shipper FW= Carrier
		C082	PARTY DETAILS	R		

		3039	+	Party Id Identification	M	an.35	GLN Number of the Shipper
		1131	:	Code list Qualifier	C	an.3	Not required
		3055	:	Party Id Code	M	an.3	Default value= 9
		C058		PARTY NAME	C		
		3124	+	Name and address line	M	an.35	Name of the Shipper
		3124	:	Name and address line	C	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address
		3124	:	Name and address line	C	an.35	Name & Address

Remarks:

This segment is used to identify the shipper.

Example:

NAD+SH+3011880000100::9'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C	PIC	DESCRIPTION
NAD	+			NAME & ADDRESS	M		
		3035		Party qualifier	M	an.3	Default value= DP (Resemble Delivery Party)
		C082		PARTY DETAILS	R		
		3039	+	Party Id Identification	M	an.35	GLN Number of the trading party. It should be same as you received in the Purchase Order
		1131	:	Code list Qualifier	C	an.3	Not required
		3055	:	Party Id Code	M	an.3	Default value= 9
		C058		PARTY NAME	C		
		3124	+	Name and address line	M	an.35	Name of the Delivery Party

	3124	:	Name and address line	C	an.35	Name & Address
	3124	:	Name and address line	C	an.35	Name & Address
	3124	:	Name and address line	C	an.35	Name & Address
	3124	:	Name and address line	C	an.35	Name & Address

Remarks:

Identification of Delivery location (Name/Address & Locations) is mentioned. DP refers to the Physical place of delivery.

Example:

NAD+DP+3020400011908::9'

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION
TDT	+	DETAILS OF TRANSPORT	C		
	8051	Transport Stage Qualifier	M	an.3	Values accepted 12 =Transport by which goods are moved from the place of departure. 25 = If Carrier responsible from the point of origin to the final delivery destination. 20 = Main-carriage transport
	8028	+ Conveyance Reference Number	C	an.17	Reference Number of the transport carrier.
	C220	MODE OF TRANSPORT	C		
	8067	+ Mode of Transport, coded	C	an.3	Choose the correct default code to specify the mode of transport 10= Shipping 20= Rail Transport

						30= Road transport 40= Air transport 60= Multimodal Transport
	8066	:	Mode of Transport	C	an.17	Description of the mode of Transport (if any)
	C228		TRANSPORT MEANS	C		
	8179	+	Type of means of transport identification	C	an.3	Choose the correct default code as per the transport used (23= Bulk Car; 25= Express Rail; 31= truck)
	8178	:	Type of means of transport	C	an.17	Description of the means of Transport (if any)
	C040		CARRIER	C		
	3127	+	Carrier Identification	C	an.8	EAN code of location - Format n 13
	1131	:	Code list Qualifier	C	an.3	172 = Carrier
	3055	:	Code list responsible agency, coded	C	an.3	9 = EAN
	3128	:	Carrier name	C	an.35	Carrier name

Remarks:

This segment is used to identify the transport services for delivery.

Example:

TDT+20++30+31+3024120000000:::MORY INT'

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION
CPS	+	CONSIGNMENT PACKING SEQUENCE	M		
	7164	Hierarchical ID. Number	M	an.12	Unique sequential number assigned by the sender to identify a level

						within a hierarchical structure. 1= Shipment 2= Pallet 3= Carton/Box
	7166	+	Hierarchical Parent ID	C	an.12	Identification number of the next higher hierarchical data segment in a hierarchical structure.
	7075	:	Packaging Level code	C	an.3	Not Required

Remarks:

This segment is used to give the sequence of shipping units in the shipment. The CPS segment is the trigger segment for each shipping unit level (pallet, carton per example) or for each individual shipping unit. Data element 7166 is used to indicate the parent level number. The despatch's hierarchical structure must be described in terms of pallets and/or boxes.

Example:

CPS + 1 ' (1st level, i.e. shipment)

CPS +2+1 ' (2nd level (inferior to level 1) i.e. pallets)- This corresponds to first Pallet

CPS +5+1 ' (2nd level (inferior to level 1) i.e. pallets)- This corresponds to fourth Pallet

CPS + 3 + 2' (3rd level (inferior to level 2) i.e. Carton or Box)

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION	
PAC	+	Packaging	R			
	7224	Number of package	M	n.8	Number of packages	
	C531	Packaging details	C			
	7075	+	Packaging level	C	an.3	Not required
	7233	:	Packaging related information	C	an.3	Not required
	7073	:	Conditions of packaging	C	an.3	Not required

	C202		Type of package			
	7065	+	Type of package identification	M	an.17	X1 = Pallet CT = Carton PK=Package 201 = Pallet (EUR)
	1131	:	Code list qualifier	C	an.3	Not required
	3055	:	Code list responsible agency, coded	C	an.3	Default value 9= EAN
	7064	:	Type of packaging	C	an.35	Not required
	C402		Type of packaging identification	C		
	7077	+	Item description type, coded	C	an.3	Not required
	7064	:	Type of packaging	C	an.35	Not required
	7143	:	Item number type, coded	C	an.3	Not required
	7064	:	Type of packaging	C	an.35	Not required
	7143	:	Item number type, coded	C	an.3	Not required
	C532		Returnable package details			
	8395	+	Returnable package freight payment responsibility, coded	C	an.3	Not required
	8393	:	Returnable package load contents, coded	C	an.3	Not required

Remarks:

This segment can be used to identify the total number of packages per hierarchical level identified in the CPS segment, in a shipment.

Example:

CPS+1' 1st CPS; no parent
PAC+2++X1::9' Number of packages = 2 pallets type ISO 1

CPS+2+1'	2nd CPS; First pallet; parent = shipment
PAC+1++X1::9'	Outer packaging level, pallet type ISO 1

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
QTY	+	C186		QUANTITY DETAILS	C		
		6063		Quantity Qualifier	M	an.3	Default value= 52 (Resemble quantity per packaging)
		6060	+	Quantity	M	n.15	Quantity numeric value
		6411	:	Measure unit qualifier	R	an.3	Unit of Measurement e.g EA= Each,PCE= piece

Remarks:

This segment is used to specify the quantity per package specified in the PAC segment.
Fractional Quantity are not allowed.

Example:

QTY+ 52:10:PCE'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
PCI	+			Package identification	R		
		4233		Marking instructions, coded	M	an.3	Accepted value 33E = Marking by sequential number of package (EAN code)
		C210		Marks and labels	C		
		7102	+	Shipping marks	C	an.35	Not required
		7102	:	Shipping marks	C	an.35	Not required

	7102	:	Shipping marks	C	an.35	Not required
	7102	:	Shipping marks	C	an.35	Not required
	7102	:	Shipping marks	C	an.35	Not required
	7102	:	Shipping marks	C	an.35	Not required
	7102	:	Shipping marks	C	an.35	Not required
	7102	:	Shipping marks	C	an.35	Not required
	7102	:	Shipping marks	C	an.35	Not required
	7102	:	Shipping marks	C	an.35	Not required
	8275	+	Situation of containers or packages, coded	C	an.3	Not required
	C827		Type of marking	R		
	7511	+	Type of marking, coded	R	an.3	Please provide the storage location code: 001 – Put Away 002 – Cross dock 003 – Pick by line 004 - Breakbulk
	1131	:	Code list qualifier	C	an.3	Accepted value 67 = Indication of the type of package codes.
	3055	:	Code list responsible agency, coded	C	an.3	Accepted value: 92= Assigned by buyer or buyer's agent

Remarks:

This segment is used to provide markings and labels information related to the packaging unit and level identified in the PAC segment. C827.7511 should have the same value as you received in the PO in FTX(ZZZ).C107.4441. In case of Cross dock (002) PO, vendor can send the value 002(Cross dock) or 004 (breakbulk) in the ASN, depending on the packing type.

Example:

PCI+33E+++002:67:92'

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION		
GIN	+	Goods Identification Number	R				
	7405	Identification number qualifier	M	an.3	Values accepted: BJ = Serial shipping container code		
	C208	Identification number range					
	7402	+	Identification number	R	an.35	Code SSCC, Outer UPI	
	7402	:	Identification number	C	an.35	Code SSCC, Inner UPI	
	C208		Identification number range				
	7402	+	Identification number	C	an.35	Not required	
	7402	:	Identification number	C	an.35	Not required	
	C208		Identification number range				
	7402	+	Identification number	C	an.35	Not required	
	7402	:	Identification number	C	an.35	Not required	
			C208			Identification number range	
		7402	+	Identification number	C	an.35	Not required
		7402	:	Identification number	C	an.35	Not required
		C208		Identification number range			
		7402	+	Identification number	C	an.35	Not required
		7402	:	Identification number	C	an.35	Not required

Remarks:

This segment is used to provide identification numbers relevant to the packaging and level identified in the packs (Carton batch number, SSCC palette).

It is recommended to use the Serial Shipping Container Code (SSCC) for an individual transport

package to give a unique identification.

Example:

GIN+BJ+354123450000000014'

This unit is identified by SSCC 354123450000000014.

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
LIN	+			LINE ITEM DETAILS	M		
		1082	+	Line item number	R	n.6	Line Item number in the message
		1229	+	Action Request code	C	an.3	Not Required
		C212		ITEM NUMBER IDENTIFICATION	R		
		7140	+	Item number	R	an.35	EAN Code for the article. This should be same as you received in the Purchase Order.
		7143	:	Item loading count Number type code	R	an.3	Default value= EN Code for International Article Numbering Association (EAN)

Remarks:

This segment is used to provide the EAN details of the items ordered. EAN code is a mandatory information. This should be provided for each article and it should be same as received in purchase order.

Example:

LIN+1++3454971328064:EN'

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION		
PIA	+				Additional Product ID	C	
		4347		ITEM ID qualifier	M	an.3	Default value as per the below types: 5 = Article Identification 1= Additional identification
		C212		ITEM Number	M		
		7140	+	Article Number	R	an.35	Supplier article number
		7143	:	Code Type	R	an.3	Default value as below: SA (Resemble Supplier Article Number) BP (Resemble Buyer Part Number)
		1131	:	Code list Qualifier	C	an.3	Not required
		3055	:	Code list responsible agency, coded	C	an.3	Not required

Remarks:

This segment is used to specify supplier 's Item number for the item ordered.

Example:

PIA+5+25588903:SA'

PIA+1+55588903:BP'

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION		
IMD	+				ITEM DETAILS	C	
		7077		Item Type	R	an.3	Default code as below: E= Resemble Free Form Short description

						F= Resemble Free Form description	
		7081	+	Characteristic code	C	an.3	Default code as per below: ANM = Name of the article (code GS1) TPE = Article Type (Code GS1)
		C273		ITEM DESCRIPTION	C		
		7009	+	Item Description Identification	C	an.17	NULL
		1131	:	Code list Qualifier	C	an.3	NULL
		3055	:	Code list Responsible	C	an.3	NULL
		7008	:	Item description 1	C	an.35	Description of the Ordered product
		7008	:	Item description 2	C	an.35	Description of the Ordered product
		3453	:	Language coded	C	an.3	Not required
		7383	+	Surface/layer indicator, (coded)	C	an.3	Not required

Remarks:

This segment is used to describe the ordered line item.

Example:

IMD+E+ANM+:::CORN CRISPIESCASE'

IMD+F+ANM+:::CORN DESCRIPTION'

SEGMENT	SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION	
QTY	+	C186		QUANTITY DETAILS	R	

		6063		Quantity Qualifier	M	an.3	Default value= 12 (Resemble total despatched quantity)
		6060	:	Quantity	M	n.15	Quantity numeric value
		6411	:	Measure unit qualifier	R	an.3	Unit of Measurement. The unit of measure should be same as received in the Purchase order.

Remarks:

This segment is used to specify the total dispatch quantity for a line item and the unit of measurement.

Fractional Quantity are not allowed.

Example:

The below examples show that 10 PCE/10 EACH of an Item has been dispatched.

Example:

QTY+12:10:EA'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
QTY	+	C186		QUANTITY DETAILS	R		
		6063		Quantity Qualifier	M	an.3	Default value as below: 52= Resemble quantity per packaging 59= Numbers of consumer units in the traded unit
		6060	:	Quantity	M	n.15	Quantity numeric value
		6411	:	Measure unit qualifier	R	an.3	Unit of Measurement e.g EA= Each,PCE= piece

Remarks:

This segment is used to specify the total quantity per pack.

Example:

QTY+ 52:10:EA'

QTY+ 59:10:EA'

RFF SEGMENTS:

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
RFF	+	C506		REFERENCE	R		
		1153		Reference qualifier	M	an.3	Default value= LI (Resemble code for line item reference number)
		1154	:	Reference number	M	an.35	PO line item reference number. This should be same as the Purchase order. It should be 5 digits.

Remarks:

This segment is used to specify the Line Item Reference number (as sent in the purchase order)

Example:

RFF+LI:00006'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
RFF	+	C506		REFERENCE	R		
		1153		Reference qualifier	M	an.3	Default value= ON (Resemble code for reference number assigned to an order)

		1154	:	Reference number	M	an.35	Original Purchase Order number
Remarks:							
This segment is used to provide Purchase order reference number							
Example:							
RFF+ON:0100000003'							

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
LOC	+			Place/location identification	R		
		3227		Place/location qualifier	M	an.3	7 = Place of Delivery
		C517		Location identification			
		3225	+	Place/location identification	R	an.25	GLN code of the Store/DC (For Store/DC PO, it should contain the GLN of the DC or Store and for Collective PO, it should contain the GLN of the store as per the PO line)
		1131	:	Code list qualifier	C	an.3	Not Required
		3055	:	Code list responsible agency, coded	R	an.3	9 = EAN
		3224	:	Place/location name	C	an.70	Not Required
		C519		Related location one identification			
		3223	+	Related place/location one identification	C	an.25	Not Required
		1131	:	Code list qualifier	C	an.3	Not Required
		3055	:	Code list responsible agency, coded	C	an.3	Not Required
		3222	:	Related location one	C	an.70	Not Required

		C553		Related location two identification			
		3233	+	Related location two identification	C	an.25	Not Required
		1131	:	Code list qualifier	C	an.3	Not Required
		3055	:	Code list responsible agency, coded	C	an.3	Not Required
		3232	:	Related location two	C	an.70	Not Required
		5479	+	Relation, coded	C	an.3	Not Required

Remarks:

At the level of the ordered line, this LOC segment is used to identify the end user of the despatched goods.

Example:

LOC+7+3020170025006::9'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
CNT	+	C270		CONTROL TOTAL	M		
		6069		Control Qualifier	M	a.3	Choose the default code as per below: 1 = Total segments of the quantity on the line level in the message 2 = Number of line items in message 11 = Number of total package
		6066	:	Control Value	M	a.18	Total number

Remarks:

This segment is used to separate the detail and summary sections of the message.

Example:

CNT+2:7'

SEGMENT		SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION
UNT	+		MESSAGE TRAILER	M		
		0074	Number of segments in a message	M	n.6	Total number of segments in the message
		0062	+	Message reference number	M	an.14

Remarks:

This segment is used to separate the detail and summary sections of the message.

Example:

UNT+12+ 00000000000001'

SEGMENT		SEGMENT NO.	SEGMENT NAME	M/C/R	PIC	DESCRIPTION
UNZ	+		INTERCHANGE TRAILER	M		
		0036	Interchange Control Count	M	n.6	Number of messages or functional groups within the interchange.
		0020	+	Interchange Control reference	M	an.14

Remarks:

This segment is used to provide the trailer of an interchange.

Example:

UNZ+1+0000009234555'

Let's see how the pallet/Container information needs to be provided with different examples:

Example :

Purchase Order	Shipment information	Packing Information
Line item 1	Line item 1	Pallet 1 containing Line Item 1& 2
Line item 2	Line item 2	
Line item 3	Line item 3	Pallet 2 containing Line Item 3& 4
Line item 4	Line item 4	

EDI Structure

CPS+1'	Parent segment. 1 st Level structure.
PAC+2++X1'	Informing total number of pallets in the shipment
CPS+2+1'	2 nd Level structure.
PAC+1++X1'	Start of First pallet information
PCI+33E+++001:67:92'	Loading Method information (001= Putaway)
GIN+BJ+332108010000000019'	First Pallet ID- 332108010000000019
LIN+1++3210804597140:EN'	Line Item 1 EAN code
QTY+12:21:EA'	Quantity
QTY+52:1:EA'	Pack Quantity
RFF+LI:00001'	Line item number to match with PO line number
RFF+ON:1023023090'	PO number
LOC+7+9020400805002::9'	Delivery location GLN code
LIN+2++3210804597133:EN'	Line Item 2 EAN code
QTY+12:11:EA'	Quantity
QTY+52:1:EA'	Pack Quantity
RFF+LI:00002'	Line item number to match with PO line number
RFF+ON:1023023090'	PO number
LOC+7+9020400805002::9'	Delivery location GLN code
CPS+3+1'	3 rd Level Structure
PAC+1++X1'	Start of Second pallet information
PCI+33E+++001:67:92'	Loading Method information (001= Putaway)
GIN+BJ+332108010000000020'	Second Pallet ID- 332108010000000020
LIN+3++3210804597140:EN'	Line Item 3 EAN code
QTY+12:21:EA'	Quantity
QTY+52:1:EA'	Pack Quantity
RFF+LI:00001'	Line item number to match with PO line number
RFF+ON:1023023090'	PO number
LOC+7+9020400805002::9'	Delivery location GLN code
LIN+4++3210804597133:EN'	Line Item 4 EAN code
QTY+12:11:EA'	Quantity
QTY+52:1:EA'	Pack Quantity

RFF+LI:00002'	Line item number to match with PO line number
RFF+ON:1023023090'	PO number
LOC+7+9020400805002::9'	Delivery location GLN code

EDI EXAMPLES:

HU ASN for DC PO with Put away (001) (Castorama Poland DC)

```

UNA:+.? '
UNB+UNOD:3+9992345678957:14+5907808850019:14+191209:0952+1521++DESADV'
UNH+1+DESADV:D:96A:UN:EAN005+HU DESADV'
BGM+351+3559991912090008+9'
DTM+137:20191209:102'
DTM+17:201912100000:203'
DTM+2:201912100000:203'
RFF+DQ:3559991912090008'
DTM+171:20140110:102'
RFF+ON:1023023090'
NAD+BY+5907808850019::9++CASTORAMA KINGFISHER+UL KRAKOWIAKOW
78+WARSZAWA++02-555+'
NAD+SU+9992345678957::9++EDITEST2+EDITEST2+EDITEST2++30-098+PL'
NAD+DP+9020400805002::9'
CPS+1'
PAC+1++X1'
CPS+2+1'
PAC+1++X1'
PCI+33E+++001:67:92'
GIN+BJ+332108010000000019'
LIN+1++3210804597140:EN'
QTY+12:21:EA'
QTY+52:1:EA'
RFF+LI:00001'
RFF+ON:1023023090'
LOC+7+9020400805002::9'
LIN+2++3210804597133:EN'
QTY+12:11:EA'
QTY+52:1:EA'
RFF+LI:00002'
RFF+ON:1023023090'
LOC+7+9020400805002::9'
LIN+3++3210804597164:EN'
QTY+12:44:EA'
QTY+52:1:EA'
RFF+LI:00003'
RFF+ON:1023023090'
LOC+7+9020400805002::9'
LIN+4++3210804597157:EN'
QTY+12:21:EA'
QTY+52:1:EA'

```

```

RFF+LI:00004'
RFF+ON:1023023090'
LOC+7+9020400805002::9'
CPS+3+1'
PAC+1++X1'
PCI+33E+++001:67:92'
GIN+BJ+332108010000000026'
LIN+5++3210804597140:EN'
QTY+12:13:EA'
QTY+52:1:EA'
RFF+LI:00005'
RFF+ON:1023023090'
LOC+7+9020400805002::9'
LIN+6++3210804597133:EN'
QTY+12:10:EA'
QTY+52:1:EA'
RFF+LI:00006'
RFF+ON:1023023090'
LOC+7+9020400805002::9'
LIN+7++3210804597164:EN'
QTY+12:20:EA'
QTY+52:1:EA'
RFF+LI:00007'
RFF+ON:1023023090'
LOC+7+9020400805002::9'
LIN+8++3210804597164:EN'
QTY+12:1:EA'
QTY+52:1:EA'
RFF+LI:00008'
RFF+ON:1025023090'
LOC+7+9020400805002::9'
LIN+9++3210804597126:EN'
QTY+12:1:EA'
QTY+52:1:EA'
RFF+LI:00009'
RFF+ON:1025023092'
LOC+7+9020400805002::9'
UNT+76+1'
UNZ+1+1521'
    
```

SCENARIO 2

Purchase Order	Shipment information		Packing Information
Line item 1	Line item 1	Carton 1	Pallet 1 containing Line Item 1& 2
Line item 2	Line item 2	Carton 2	

EDI Structure

CPS+1'	Parent segment. 1 st Level structure.
PAC+1++X1'	Informing total number of pallets in the shipment
CPS+2+1'	2 nd Level structure.
PAC+1++X1'	Start of First pallet information
PCI+33E+++001:67:92'	Loading Method information (001= Putaway)
GIN+BJ+332108010000000019'	First Outer Pallet ID- 332108010000000019
CPS+3+2'	3 rd Level structure
PAC+1++CT'	Start of First carton information
PCI+33E'	-
GIN+BJ+393123450000031355'	First Pallet ID- 393123450000031355
LIN+1++3210804597140:EN'	Line Item 1 EAN code
QTY+12:21:EA'	Quantity
QTY+52:1:EA'	Pack Quantity
RFF+LI:00001'	Line item number to match with PO line number
RFF+ON:1023023090'	PO number
LOC+7+9020400805002::9'	Delivery location GLN code
CPS+4+2'	5 th Level structure
PAC+1++CT'	Start of First carton information
PCI+33E'	-
GIN+BJ+393123450000031355'	First Pallet ID- 393123450000031356
LIN+2++3210804597140:EN'	Line Item 2 EAN code
QTY+12:21:EA'	Quantity
QTY+52:1:EA'	Pack Quantity
RFF+LI:00001'	Line item number to match with PO line number
RFF+ON:1023023090'	PO number
LOC+7+9020400805002::9'	Delivery location GLN code

EDI EXAMPLE:
Example 1: HU ASN for DC PO with Put away (001)

```

UNA:+.? '
UNB+UNOD:3+9992345678957:14+5907808850019:14+191209:0952+85215++DESADV'
UNH+1+DESADV:D:96A:UN:EAN005+HU DESADV'
BGM+351+3559992019121302+9'
DTM+137:20191213:102'
DTM+17:20191215:102'
DTM+2:20191216:102'
RFF+DQ:3559992019121302'
DTM+171:20191213:102'
RFF+ON:9023023090'
NAD+BY+5907808850019::9++CASTORAMA KINGFISHER+UL KRAKOWIAKOW
78+WARSZAWA++02-555+'
NAD+SU+9992345678957::9++EDITEST2+EDITEST2+EDITEST2++30-098+PL'
NAD+DP+9020400805002::9'

```

CPS+1'
PAC+2++X1'
CPS+2+1'
PAC+1++X1'
PCI+33E+++001:67:92'
GIN+BJ+332108010000000019'
CPS+3+2'
PAC+1++CT'
PCI+33E'
GIN+BJ+393123450000031355'
LIN+1++3210804597140:EN'
QTY+12:21:EA'
QTY+52:1:EA'
RFF+LI:00001'
RFF+ON:9023023090'
LOC+7+9020400805002::9'
CPS+4+2'
PAC+1++CT'
PCI+33E'
GIN+BJ+393123450000031356'
LIN+2++3210804597140:EN'
QTY+12:21:EA'
QTY+52:1:EA'
RFF+LI:00002'
RFF+ON:9023023090'
LOC+7+9020400805002::9'
UNT+38+1'
UNZ+1+85215'

Example 2: HU ASN for Castorama France DC PO with Put away (001)

UNA:+.?'
UNB+UNOA:3+3017002657108:14+3020400000100:14+060228:1053+014097'
UNH+1+DESADV:D:96A:UN:EAN005+HU DESADV'
BGM+351+1237611+9'
DTM+137:20140110:102'
DTM+17:201401170000:203'
DTM+2:201401170000:203'
RFF+DQ:1237611'
DTM+171:20140110:102'
RFF+ON:1023023090'
NAD+BY+3020400000100::9'
NAD+SU+3014717000700::9'
NAD+DP+3020400003903::9'
CPS+1'
PAC+1++X1'
CPS+2+1'
PAC+1++X1'

PCI+33E+++001:67:92'
GIN+BJ+332108010000000019'
LIN+1++3210804597140:EN'
QTY+12:21:EA'
QTY+52:1:EA'
RFF+LI:00001'
RFF+ON:1023023090'
LOC+7+3020400003903::9'
LIN+2++3210804597133:EN'
QTY+12:11: EA'
QTY+52:1: EA'
RFF+LI:00002'
RFF+ON:1023023090'
LOC+7+3020400003903::9'
LIN+3++3210804597164:EN'
QTY+12:44: EA'
QTY+52:1: EA'
RFF+LI:00003'
RFF+ON:1023023090'
LOC+7+3020400003903::9'
LIN+4++3210804597157:EN'
QTY+12:21: EA'
QTY+52:1: EA'
RFF+LI:00004'
RFF+ON:1023023090'
LOC+7+3020400003903::9'
CPS+3+1'
PAC+1++X1'
PCI+33E+++001:67:92'
GIN+BJ+332108010000000026'
LIN+5++3210804597140:EN'
QTY+12:13: EA'
QTY+52:1: EA'
RFF+LI:00005'
RFF+ON:1023023090'
LOC+7+3020400003903::9'
LIN+6++3210804597133:EN'
QTY+12:10: EA'
QTY+52:1: EA'
RFF+LI:00006'
RFF+ON:1023023090'
LOC+7+3020400003903::9'
LIN+7++3210804597164:EN'
QTY+12:20: EA'
QTY+52:1: EA'
RFF+LI:00007'
RFF+ON:1023023090'
LOC+7+3020400003903::9'
LIN+8++3210803084122:EN'
QTY+12:1: EA'

QTY+52:1: EA'
RFF+LI:00008'
RFF+ON:1025023090'
LOC+7+3020400003903::9'
LIN+9++3210804597126:EN'
QTY+12:1: EA'
QTY+52:1: EA'
RFF+LI:00009'
RFF+ON:1025023092'
LOC+7+3020400003903::9'
UNT+76+1'
UNZ+1+000727'

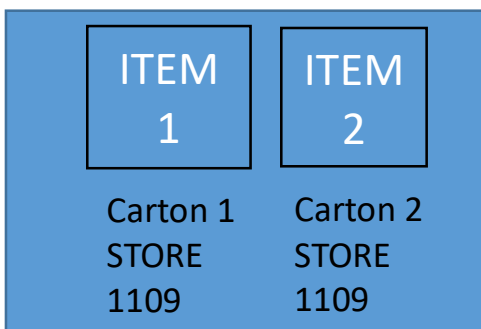
SCENARIO 3

Cross dock:

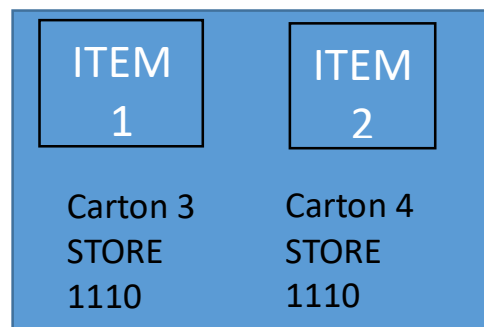
- Distribution method -0002
- Inner containers are allowed but not mandatory.
- 1 pallet for 1 store
- Multiple items on a pallet /Container are allowed but all should be for 1 common store.

EXAMPLE

Item 1 EAN – 3454971328064
Item 2 EAN – 3454971328066
GLN of Store 1109 - 3020170025006
GLN of Store 1110 - 3020170025007
Pallet1 – 00393123450000031354
Pallet2 - 00393123450000031360
Carton 1 - 00393123450000031355
Carton 2 – 00393123450000031356
Carton 3 - 00393123450000031361
Carton 4 – 00393123450000031362



PALLET 1



PALLET 2

EDI EXAMPLE

Example 3: HU ASN for Collective PO with Cross Dock (002)- CASTORAMA FRANCE

UNA:+.? '
UNB+UNOA:3+3017002657108:14+3020400000100:14+060228:1053+014097'
UNH+1+DESADV:D:96A:UN:EAN005+HU DESADV'
BGM+351+1237644+9'
DTM+137:20140110:102'
DTM+17:201401170000:203'
DTM+2:201401170000:203'

RFF+DQ:2005701805210001'
DTM+171:20140110:102'
RFF+ON:0109878961
NAD+BY+3020400000100::9'
NAD+SU+3014717000700::9'
NAD+DP+3020400003903::9'
CPS+1'
PAC+2++X1'
CPS+2+1' ----- Pallet 1
PAC+1++X1'
PCI+33E+++002:67:92'
GIN+BJ+393123450000031354'
CPS+3+2' ----- Carton 1
PAC+1++CT'
PCI+33E'
GIN+BJ+393123450000031355'
LIN+00001++3454971328064:EN'
QTY+12:10'
QTY+52:1'
RFF+LI:00001'
RFF+ON:100000003'
LOC+7+3020170025006::9'
CPS+4+2' ----- Carton 2
PAC+1++CT'
PCI+33E'
GIN+BJ+393123450000031356'
LIN+00002+3454971328066+EN'
QTY+12:10'
QTY+52:1'
RFF+LI:00002'
RFF+ON:100000003'
LOC+7+3020170025006::9'
CPS+5+1' ----- Pallet 2
PAC+1++X1'
PCI+33E+++002:67:92'
GIN+BJ+393123450000031360'
CPS+6+5' ----- Carton 3
PAC+1++CT'
PCI+33E'
GIN+BJ+393123450000031361'
LIN+00001++3454971328064:EN'
QTY+12:10'
QTY+52:1'
RFF+LI:00001'
RFF+ON:100000003'
LOC+7+3020170025007::9'
CPS+7+5' ----- Carton 4
PAC+1++CT'
PCI+33E'
GIN+BJ+393123450000031362'

LIN+00002+33454971328066+EN'
QTY+12:10'
QTY+52:1'
RFF+LI:00002'
RFF+ON:100000003'
LOC+7+3020170025007::9'
CNT+2:7'
UNT+63+1'
UNZ+1+014097'