KITS

EDI Technical Documentation

EDIFACT Standard Version D96A

DESPATCH ADVICE MESSAGE (DESADV)
(with Handling Unit)

Version 1.1

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 (KIPL) 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	M	3
	SEGMENT GROUP 1	M	2
RFF	Reference Details	M	1
DTM	Document Date	C	1
	SEGMENT GROUP 2	M	3
NAD	Name & Address Details	M	1
	SEGMENT GROUP 6	M	1
TDT	Details of Transport	M	1
	PACKAGE INFORMATION LOOP		
	SEGMENT GROUP 10	M	9999
CPS	Consignment Packing Sequence	M	1
	SEGMENT GROUP 11	R	
PAC	Package	M	1
MEA	Measurements	C	10
	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
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
UNB ..... Interchange Header
UNH .....Message header

} Technical layer

Message Header

BGM .....Message beginning (Type = Despatch Advice)
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))
PAC ..... Package Information (Type/number of Package)
MEA ..... Measurement details (Weight and Dimension of the Pallet)
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
CNT .....Control Total
UNT .....Message trailer
UNZ .....Interchange trailer

} Technical Layer

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:

This is a mandatory segment. 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	C	an.35	Default value = 'HU DESADV'. Include this segment only if you are sending the ASN with Handling Unit.

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'

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	351= Default value YA5= Use this only for the DESADV of **Cross dock orders**
		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
		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.

Example:
BGM+351+1237611+9'

BGM+YA5+1237611+9' (DESADV for Cross Dock PO)

DTM SEGMENTS:

DTM	DATE/TIME details for the document	Number of Repeats = 3	Mandatory (M)

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	R		
		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.

***The date in DTM + 17 must be strictly between D - 1 and D + 30 (D=Current day).

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	Delivery reference Number. Rules for ASN reference: • It must be unique. • Cannot be more than 16 characters. • Allowed characters: ✓ A-Z , a-z ✓ 0-9 ✓ 5 Special character - _ / \ :

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 mentioned rules.

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:5005701801230001'

RFF+DQ:200034567'

RFF+DQ:501:12_AN\dq/3-2'

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	C		
		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)

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			
		3124	+	Name and address line	C	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			
		3124	+	Name and address line	C	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= SH (Resemble code for Shipper)
		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			
		3124	+	Name and address line	C	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			
		3124	+	Name and address line	C	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.
		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+25++30+31+3024120000000:::MORY INT'

SEGMENT		SEGMEN 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	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
		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
MEA	+			**Measurements**	**C**		
		6311		Measurement application qualifier	M	an.3	Default value= AAZ (Resemble Handling unit measurement)
		C502		Measurement Details			
		6313	+	Measurement Dimension	R	an.3	Accepted Values: GW = Gross weight LN = Length dimension WD = Width dimension HT = Height dimension

		C174		**Value/Range**			
		6411	+	Measure unit qualifier	R	an.3	Unit of Measurement. Please refer to the table below to use the correct UOM (Only ISO codes are accepted)
		6314	:	Measurement Value	R	n.18	Actual value (up to 2 decimal places)

Remarks:

This segment is used to specify the physical measurements of weight and dimensions (Length, width, Height) of the Handling Unit (Pallet). The vendors who are delivering to Brico Deport France RCC, need to send this information in the ASN message.

Example:

MEA+AAZ+GW+KGM:200.00'
MEA+AAZ+LN+MTR:0.12'
MEA+AAZ+WD+MTR:0.08'
MEA+AAZ+HT+MTR:0.05'

Only ISO codes are accepted for UOM of handling units and please find below few examples of ISO codes which can be used in this segment:

UoM (in MEA.C174.6411)	Unit Description
GRM	Gram
KGM	Kilogram
TNE	Tonne
CMT	Centimetre
DMT	Decimetre
KMT	Kilometre
MTR	Meter

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.

Example:

QTY+ 52:10:EA'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C	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'

PCI+33E+++003:67:92' – 003 for Pick by line

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C	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 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.

Example:

LIN+00001++3454971328064:EN'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C/R	PIC	DESCRIPTION
PIA	+			ITEM DETAILS	C		
		4347		ITEM ID qualifier	M	an.3	Default value as per the below types: 5 = Article Identification
		C212		ITEM Number	M		
		7140	+	Article Number	R	an.35	Supplier article number
		7143	:	Code Type	R	an.3	Default value= SA (Resemble Supplier Article 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'

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

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. You need to send the same Unit of measurement for each product as you 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.

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**	**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 total quantity per pack.

Example:

QTY+ 52:10: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 match with the Purchase order and it can be up to 5 digits.

Remarks:

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

Example:

RFF+LI:00006',RFF+LI:0006',RFF+LI:006',RFF+LI:06',RFF+LI:6'

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:0109878961'

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C	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	Ultimate destination. GLN code of the Store/DC (For Store/DC PO, it should contain the GLN of the DC or Store and for Cross dock 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 responsable 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 responsable 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 responsable 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+3601651701000::9’

SEGMENT		SEGMENT NO.		SEGMENT NAME	M/C	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	The message reference numbered detailed here should equal the one specified in the UNH segment

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	The message reference numbered detailed here should equal the one specified in the UNB segment

Remarks:

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

Example:

UNZ+1+00000092345555’

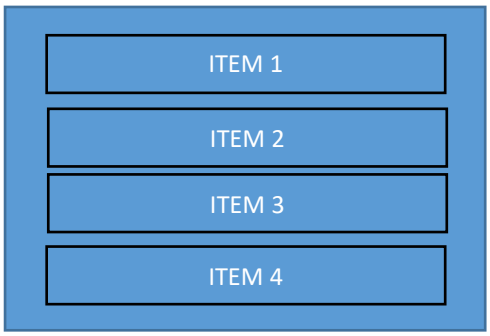
EXAMPLES:

Flow Through(Eclatement)_

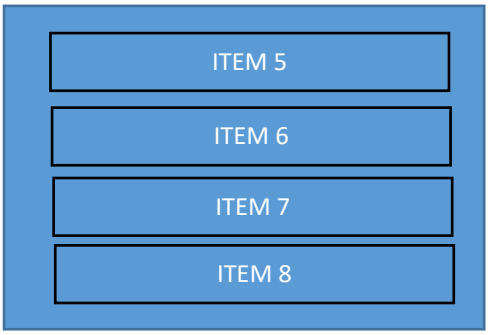
- Distribution method -0003
- No inner containers.
- We can have different articles in same pallet

Example 1: HU ASN for Collective PO with Flow Through (003)

Item 1 EAN – 3210804597140
Item 2 EAN – 3210804597133
Item 3 EAN – 3210804597164
Item 4 EAN – 3210804597157
Item 5 EAN – 3210804595259
Item 6 EAN – 3210804598866
Item 7 EAN – 3210804598963
Item 8 EAN – 3210803084122
GLN of RCC D061 (where vendor will deliver) - 3020409000010
Pallet1 – 332108010000000019
Pallet2 – 332108010000000026



PALLET 1 for RCC D061



PALLET 2 for RCC D061

```
UNA:+.? '
UNB+UNOA:3+8888888888887:14+3016016500219:14+060228:1053+014097'
UNH+1+DESADV:D:96A:UN:EAN005+HU DESADV'
BGM+351+123761112+9'
DTM+137:20220214:102'
DTM+17:20220220:102'
DTM+2:20220214:102'
RFF+DQ:123761112'
```

```
DTM+171:20140110:102'
RFF+ON:0102302309'
NAD+BY+3016016500103::9'
NAD+SU+8888888888887::9'
NAD+DP+3020409000010::9'
CPS+1'
PAC+1++X1'
CPS+2+1'
PAC+1++X1'
MEA+AAZ+GW+KGM:200.00'
MEA+AAZ+LN+MTR:0.12'
MEA+AAZ+WD+MTR:0.08'
MEA+AAZ+HT+MTR:0.05'
PCI+33E+++003:67:92'
GIN+BJ+332108010000000019'
LIN+1++3210804597140:EN'
QTY+12:21:EA'
QTY+52:1:EA'
RFF+LI:00001'
RFF+ON:0102302309'
LOC+7+3020409000010::9'
LIN+2++3210804597133:EN'
QTY+12:11:EA'
QTY+52:1:EA'
RFF+LI:00002'
RFF+ON:0102302309'
LOC+7+3020409000010::9'
LIN+3++3210804597164:EN'
QTY+12:44:EA'
QTY+52:1:EA'
RFF+LI:00003'
RFF+ON:0102302309'
LOC+7+3020409000010::9'
LIN+4++3210804597157:EN'
QTY+12:21:EA'
QTY+52:1:EA'
RFF+LI:00004'
RFF+ON: 0102302309'
LOC+7+3020409000010::9'
CPS+3+1'
PAC+1++X1'
MEA+AAZ+GW+KGM:300.00'
MEA+AAZ+LN+MTR:0.15'
MEA+AAZ+WD+MTR:0.09'
MEA+AAZ+HT+MTR:0.06'
PCI+33E+++003:67:92'
GIN+BJ+332108010000000026'
LIN+5++3210804595259:EN'
QTY+12:13:EA'
QTY+52:1:EA'
```

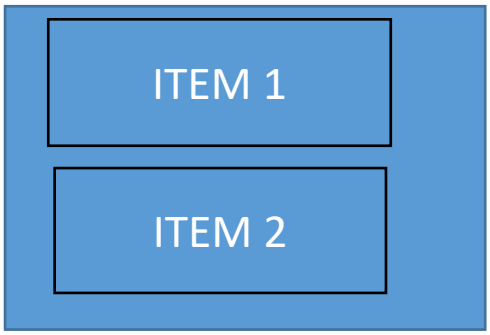
```
RFF+LI:00005'
RFF+ON:0102302309'
LOC+7+3020409000010::9'
LIN+6++3210804598866:EN'
QTY+12:10:EA'
QTY+52:1:EA'
RFF+LI:00006'
RFF+ON:0102302309'
LOC+7+3020409000010::9'
LIN+7++3210804598963:EN'
QTY+12:20:EA'
QTY+52:1:EA'
RFF+LI:00007'
RFF+ON:0102302309'
LOC+7+3020409000010::9'
LIN+8++3210803084122:EN'
QTY+12:1:EA'
QTY+52:1:EA'
RFF+LI:00008'
RFF+ON:0102302309'
LOC+7+3020409000010::9'
CNT+2:8'
UNT+79+1'
UNZ+1+000727'
```

Cross dock: (Cross-dock contrôlé)

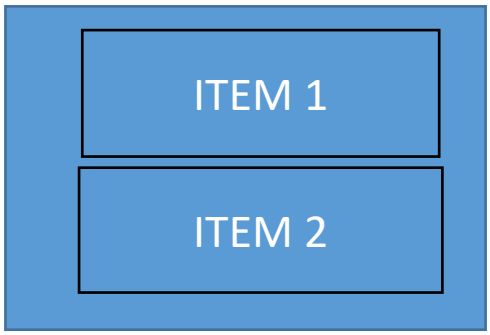
- Distribution method -0002
- Inner containers are allowed but not mandatory.
- 1 pallet for 1 store
- Multiple items on a pallet /Container are allowed but all for 1 particular store.

Example 2: HU ASN for Collective PO with Cross Dock (002) without Inner HU

Item 1 EAN – 3454971328064
Item 2 EAN – 3454971328066
GLN of RCC D061 (where vendor will deliver) - 3020409000010
GLN of Store 2330 (Ultimate Destination) - 3601651701000
GLN of Store 2331 (Ultimate Destination) - 3601651703004
Pallet1 – 00393123450000031354
Pallet2 - 00393123450000031360



PALLET 1 for Store 2330



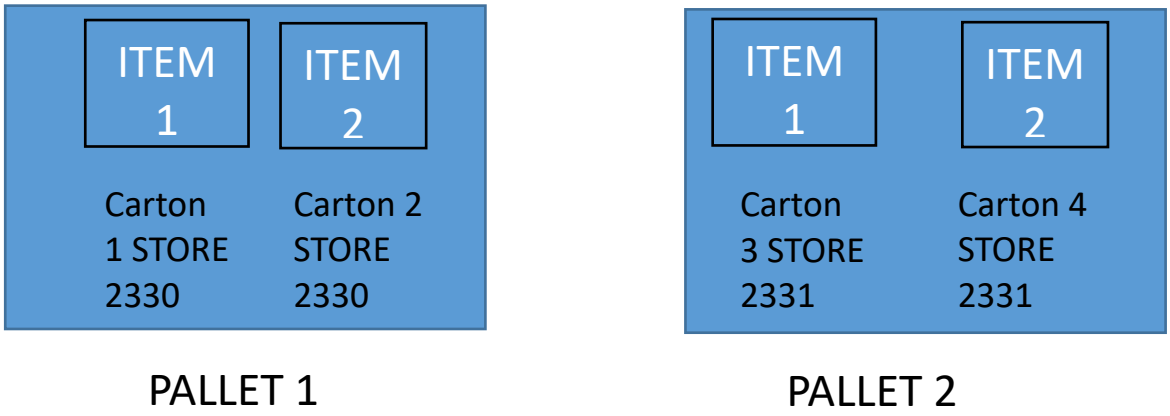
PALLET 2 for Store 2331

```
UNA:+.? '
UNB+UNOA:3+3017002657108:14+3020400000100:14+060228:1053+014097'
UNH+1+DESADV:D:96A:UN:EAN005+HU DESADV'
BGM+YA5+5066811902110001+9'
DTM+137:20190110:102'
DTM+17: 20190110:102'
DTM+2: 20190110:102'
RFF+DQ:5066811902110001'
DTM+171:20140110:102'
RFF+ON:0109878962’
NAD+BY+3020400000100::9'
NAD+SU+3014717000700::9'
NAD+DP+3020409000010::9'
CPS+1'
PAC+2++X1'
CPS+2+1' ---------------------------------------------------- Pallet 1
PAC+1++X1'
MEA+AAZ+GW+KGM:200.00'
MEA+AAZ+LN+MTR:0.12'
MEA+AAZ+WD+MTR:0.08'
MEA+AAZ+HT+MTR:0.05'
PCI+33E+++002:67:92'
GIN+BJ+393123450000031354'
LIN+00001++3454971328064:EN'
QTY+12:10:EA'
QTY+52:1:EA'
RFF+LI:00001'
RFF+ON:0109878962'
LOC+7+3601651701000::9’
LIN+00002++3454971328066:EN'
QTY+12:10:EA'
QTY+52:1:EA'
RFF+LI:00004'
```

```
RFF+ON:0109878962'
LOC+7+3601651701000::9’
CPS+3+1' ---------------------------------------------------- Pallet 2
PAC+1++X1'
MEA+AAZ+GW+KGM:300.00'
MEA+AAZ+LN+MTR:0.15'
MEA+AAZ+WD+MTR:0.09'
MEA+AAZ+HT+MTR:0.06'
PCI+33E+++002:67:92'
GIN+BJ+393123450000031360'
LIN+00003++3454971328064:EN'
QTY+12:10:EA'
QTY+52:1:EA'
RFF+LI:00001'
RFF+ON:0109878962'
LOC+7+3601651703004::9’
LIN+00004++33454971328066:EN'
QTY+12:10:EA'
QTY+52:1:EA'
RFF+LI:00004'
RFF+ON:0109878962'
LOC+7+3601651703004::9’
CNT+2:4'
UNT+47+1'
UNZ+1+014097'
```

Example 3: HU ASN with Cartoon (Inner HU) for Collective PO with Cross Dock (002)

Item 1 EAN – 3454971328064
Item 2 EAN – 3454971328066
GLN of RCC D061 (where vendor will deliver) - 3020409000010
GLN of Store 2330 (Ultimate Destination) - 3601651701000
GLN of Store 2331 (Ultimate Destination) - 3601651703004
Pallet1 – 00393123450000031354
Pallet2 - 00393123450000031360
Carton 1 - 00393123450000031355
Carton 2 – 00393123450000031356
Carton 3 - 00393123450000031361
Carton 4 - 00393123450000031362




```
UNA:+.? '
UNB+UNOA:3+3017002657108:14+3020400000100:14+060228:1053+014097'
UNH+1+DESADV:D:96A:UN:EAN005+HU DESADV'
BGM+YA5+5066811805210001+9'
DTM+137: 20190110:102'
DTM+17: 20190110:102'
DTM+2: 20190110:102'
RFF+DQ:5066811805210001’
DTM+171:20140110:102'
RFF+ON:0109878961’
NAD+BY+3020400000100::9'
NAD+SU+3014717000700::9'
NAD+DP+3020409000010::9'
CPS+1'
PAC+2++X1'
CPS+2+1' ---------------------------------------------------- Pallet 1
PAC+1++X1'
MEA+AAZ+GW+KGM:200.00'
MEA+AAZ+LN+MTR:0.12'
MEA+AAZ+WD+MTR:0.08'
MEA+AAZ+HT+MTR:0.05'
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:EA'
QTY+52:1:EA'
RFF+LI:00001'
RFF+ON:0109878961'
LOC+7+3601651701000::9’
CPS+4+2'---------------------------------------------------- Carton 2
PAC+1++CT'
```

PCI+33E'
GIN+BJ+393123450000031356'
LIN+00002++3454971328066:EN'
QTY+12:10:EA'
QTY+52:1:EA'
RFF+LI:00004'
RFF+ON:0109878961'
LOC+7+3601651701000::9’
CPS+5+1' ---------- Pallet 2
PAC+1++X1'
MEA+AAZ+GW+KGM:300.00'
MEA+AAZ+LN+MTR:0.15'
MEA+AAZ+WD+MTR:0.09'
MEA+AAZ+HT+MTR:0.06'
PCI+33E+++002:67:92’
GIN+BJ+393123450000031360'
CPS+6+5'---------- Carton 3
PAC+1++CT'
PCI+33E'
GIN+BJ+393123450000031361'
LIN+00003++3454971328064:EN'
QTY+12:10:EA'
QTY+52:1:EA'
RFF+LI:00001'
RFF+ON:0109878961'
LOC+7+3601651703004::9’
CPS+7+5' ---------- Carton 4
PAC+1++CT'
PCI+33E'
GIN+BJ+393123450000031362'
LIN+00004++33454971328066:EN'
QTY+12:10:EA'
QTY+52:1:EA'
RFF+LI:00004'
RFF+ON:0109878961'
LOC+7+3601651703004::9’
CNT+2:7'
UNT+63+1'
UNZ+1+014097'