
EDI Implementation Guidelines

DESADV UN D96A



DESADV Despatch Advice Message

Introduction:

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

Deliver_y Schedule Headin Section				
UNH	1	M	1	!MESSAGE HEADER
BGM	2	M	1	!Beginning of message
DTM	3	M	1	!Date/time/period
MEA	4	M	1	!Measurements
SG2		M	1	AD-LOC-RFF
NAD	5	M	1	ame and address
SG2		M	1	AD-LOC-RFF
NAD	6	M	1	ame and address
RFF	7	M	1	Reference
SG2		C	1	AD- LOC-RFF
NAD	8	M	1	ame and address
RFF	9	C	1	Reference
SG2		M	1	AD- LOC-RFF
NAD	10	M	1	ame and address
LOC	11	M	1	!LOcation
RFF	12	C	1	Reference
SG5		C	1	TOD
TOD	13	M	1	Tetms of delivery
SG6		C	1	TDT
TDT	14	M	1	Transport details
SG8		C	1	EQD
EQD	15	M	1	Equipment details
Despatch Advice Deblil Section				
SG10		M	9999	CPS-SG11-SG15
CPS	16	M	1	Consignment packing sequence
SG11		M	9999	PAC-MEA-QTY-SG13
PAC	17	M	1	Package
QTY	18	M	1	Quantity
SG13		C	9999	PCI-RFF-GIR-SG14
PCI	19	M	1	Package identification
RFF	20	C	1	Reference
GIR	21	C	99	Related identification number
SG15		M	9999	!LIN-PIA-IMD-MEA-QTY-ALI-GIN-DTM-MOA-SG16-SG18
LIN	22	M	1	!Line item
PIA	23	C	1	!Additional pr-oduct id
IMD	24	C	1	Item description
QTY	25	M	1	Quantity
SG16		C	1	RFF-DTM
RFF	26	M	1	Reference
DTM	27	C	1	!Date/time/period
UNT	28	M	1	!MESSAGE TRAILER

Segment: **UNB** Interchange Header
Position: 0005
Group:
Usage: Mandatory
Max Use: 1
Purpose: To start, identify and specify an interchange.

Notes: UNB+UNOA:3+<sender>+O0013007096JCIGXS<space><plant_code>+161128:1100+32"

Data Element Summary

Data Element	Component Element	Name	Base Attributes	Adient Attributes
S001		SYNTAX IDENTIFIER	M	M
	0001	Syntax identifier UNOA UN/ECE level A	M a4	M
	0002	Syntax version number 3 Syntax version number 3	M n1	M
S002		INTERCHANGE SENDER	M	M
	0004	Sender identification	M an..35	M
		The sender identification can be the company EAN or DUNS code or a company specific code.		
	0007	Partner identification code qualifier	C an..4	O
		Qualifiers to be determined by trading partner relationship.		
	0008	Address for reverse routing	C an..14	O
S003		INTERCHANGE RECIPIENT	M	M
	0010	Recipient identification	M an..35	M
		The receiver identification can be the company EAN or DUNS code or a company specific code.		
	0007	Partner identification code qualifier	C an..4	O
		Qualifiers to be determined by trading partner relationship.		
	0014	Routing address	C an..14	O
S004		DATE AND TIME OF PREPARATION	M	M
	0017	Date of preparation	M n6	M
		Format: YYMMDD		
	0019	Time of preparation	M n4	M
		Format: HHMM		
0020		INTERCHANGE CONTROL REFERENCE	M an..14	M
		Unique reference generated when sending the message to uniquely identify the interchange is repeated in the UNZ segment.		
S005		RECIPIENTS REFERENCE PASSWORD	C	O
	0022	Recipient reference/password	M an..14	M
	0025	Recipient reference/password qualifier	C an2	O
0026		APPLICATION REFERENCE	C an..14	R
0029		PROCESSING PRIORITY CODE	C a1	O
0031		ACKNOWLEDGEMENT REQUEST	C n1	R
0032		COMMUNICATIONS AGREEMENT ID	C an..35	O

Segment: **UNH** Message Header
Position: 0010
Group:
Usage: Mandatory
Max Use: 1
Purpose: A service segment starting and uniquely identifying a message. The message type code for the Despatch advice message is DESADV.
 Note: Despatch advice messages conforming to this document must contain the following data in segment UNH, composite S009:
 Data element 0065 DESADV 0052 D 0054 96A 0051 UN

Notes: Segment Notes.

 DE's 0065, 0052, 0054, and 0051: Indicate that the message is a UNSM Despatch Advice message based on the D.96A directory under the control of the United Nations.

 Example :

 UNH+LF001+DESADV:D:96A:UN'

Data Element Summary

Data Element	Component Element	Name	Base Attributes	Adient Attributes
0062		MESSAGE REFERENCE NUMBER	M an..14	M
		Sender's 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	M
	0065	Message type identifier DESADV Despatch advice message	M an..6	M
	0052	Message type version number Refer to D.96A Data Element Dictionary for acceptable code values.	M an..3	M
	0054	Message type release number 96A Version 96A	M an..3	M
	0051	Controlling agency UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)	M an..2	M
	0057	Association assigned code	C an..6	N
0068		COMMON ACCESS REFERENCE	C an..35	N
S010		STATUS OF THE TRANSFER	C	N
	0070	Sequence message transfer number	M n..2	N
	0073	First/last sequence message transfer indication	C an..1	N

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

Notes: Segment Notes.

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

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

 Example :

 BGM+351+DES58765+9'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>Adient Attributes</u>
C002		DOCUMENT/MESSAGE NAME	C	M
	1001	Document/message name, coded	C an..3	M
		351 Despatch advice		
	1131	Code list qualifier	C an..3	N
	3055	Code list responsible agency, coded	C an..3	N
	9	EAN (International Article Numbering association)		
	1000	Document/message name	C an..35	O
1004		DOCUMENT/MESSAGE NUMBER	C an..35	M
		Despatch Advice number assigned by the document sender.		
1225		MESSAGE FUNCTION, CODED	C an..3	C
	9	Original		
		An original transmission of a Despatch advise		
4343		RESPONSE TYPE, CODED	C an..3	N

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

Notes: Segment Notes.

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

DE 2005: Identification of the 'Document/message date/time' (code value 137) and 'Despatch date/time' (code value 11) are mandatory in the Despatch Advice.

Example :

DTM+137:200506011400:203'
 DTM+11:200506011200:203'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M	M
	2005	Date/time/period qualifier	M an..3	M
		137 Document/message date/time Date/time when the document is sent to the customer / receiver. .		M
		11 Despatch date and/or time Date/time when the pick-up carrier leaves the supplier / sender's ship location with the goods.		M
		132 Arrival date/time, estimated. Date/time when the goods are expected to arrive at the place of destination.		C
	2380	Date/time/period Format: CCYYMMDDHHMM	C an..35	M
	2379	Date/time/period format qualifier	C an..3	M
		203		

Segment: **MEA** Measurements
Position: 0040
Group:
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment specifying the weight and volume of the consignment.

Notes: Segment Notes:
 This segment is used to specify the physical measurements of weight and volume, and/or storage limitations of the entire shipment.
 Example:
 MEA+AAX+AAD+KGM:47' Gross weight

Data Element Summary

<u>Data Element</u>	<u>Component Element Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311	MEASUREMENT APPLICATION QUALIFIER AAX Consignment measurements	M an..3	M
C502	MEASUREMENT DETAILS	C	M
	6313 Measurement dimension, coded AAD = Total gross weight	C an..3	M
	6321 Measurement significance, coded Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3	O
	6155 Measurement attribute, coded	C an..3	N
	6154 Measurement attribute	C an..70	N
C174	VALUE/RANGE	C	M
	6411 Measure unit qualifier Refer to D.96A Data Element Dictionary for acceptable code values.	M an..3	M
	6314 Measurement value Actual weight (no decimal digits), quantity.	C n..18	M
	6162 Range minimum	C n..18	N
	6152 Range maximum	C n..18	N
	6432 Significant digits	C n..2	N
7383	SURFACE/LAYER INDICATOR, CODED	C an..3	N

Segment: **NAD** Name and Address
Position: 0050
Group: SG2 (NAD-LOC-SG3-SG4)
Usage: Mandatory
Max Use: 1
Purpose: A segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice. Identification of the parties involved is recommended for the Despatch Advice message, and is to be given in the NAD segment.

Notes: Segment Notes.

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

Example :

NAD+CZ+32169::92++CONSIGNOR NAME'	Consignor (Mandatory)
NAD+SE+876543210::92++SELLER NAME'	Seller (Mandatory)
NAD+CN+1801::92++CONSIGNEE NAME'	Consignee (Mandatory)
NAD+CA+18010::92++CARRIER NAME'	Carrier (Conditional (Optional))

Data Element Summary

<u>Data Element</u>	<u>Component Element Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035	PARTY QUALIFIER CZ = Consignor SE = Seller CN = Consignee CA = Carrier	M an..3	M
C082	PARTY IDENTIFICATION DETAILS	C	M
3039	Party id. identification Adient number	M an..35	M
1131	Code list qualifier	C an..3	N
3055	Code list responsible agency, coded 16 DUNS (Dun & Bradstreet) 92 Assigned by buyer or buyer's agent ZZZ Mutually defined	C an..3	M
C058	NAME AND ADDRESS	C	N
3124	Name and address line	M an..35	N
3124	Name and address line	C an..35	N
3124	Name and address line	C an..35	N
3124	Name and address line	C an..35	N
3124	Name and address line	C an..35	N
C080	PARTY NAME	C	O
3036	Party name Party Name in clear text.	M an..35	M
3036	Party name	C an..35	O

	3036	Party name	C	an..35	O
	3036	Party name	C	an..35	O
	3036	Party name	C	an..35	O
	3045	Party name format, coded	C	an..3	O
		Refer to D.96A Data Element Dictionary for acceptable code values.			
C059		STREET	C		N
	3042	Street and number/p.o. box	M	an..35	M
		Building Name/Number and Street			
	3042	Street and number/p.o. box	C	an..35	O
		Name and/or P.O. Box			
	3042	Street and number/p.o. box	C	an..35	O
	3042	Street and number/p.o. box	C	an..35	O
3164		CITY NAME	C	an..35	N
		City/Town, clear text.			
3229		COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9	N
		County/State in clear text.			
3251		POSTCODE IDENTIFICATION	C	an..9	N
		Postal Code			
3207		COUNTRY, CODED	C	an..3	N
		ISO 3166 two alpha code			
		Refer to D.96A Data Element Dictionary for acceptable code values.			

Segment: **LOC** Place/Location Identification
Position: 0060
Group: SG2
Usage: Mandatory (NAD+CN)
Max Use: 10
Purpose: A segment indicating more details regarding specific places/locations related to the party specified in the NAD segment, e.g. internal site/building number.

Notes: Segment Notes:
 This segment is used to indicate more precise locations related to the party identified in the NAD segment.
 Example:
 LOC+11+ABC123'

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
3227		PLACE/LOCATION QUALIFIER	M an..3	M	
		11 Place/port of discharge			
C517		LOCATION IDENTIFICATION	C	M	
	3225	Place/location identification	C an..25	M an..8	
		Code identifying the receiving dock at the plant.			
	1131	Code list qualifier	C an..3	N	
		Refer to D.96A Data Element Dictionary for acceptable code values.			
	3055	Code list responsible agency, coded	C an..3	N	
		Refer to D.96A Data Element Dictionary for acceptable code values.			
	3224	Place/location	C an..70	N	
C519		RELATED LOCATION ONE IDENTIFICATION	C	N	
	3223	Related place/location one identification	C an..25	N	
	1131	Code list qualifier	C an..3	N	
	3055	Code list responsible agency, coded	C an..3	N	
	3222	Related place/location one	C an..70	N	
C553		RELATED LOCATION TWO IDENTIFICATION	C	N	
	3233	Related place/location two identification	C an..25	N	
	1131	Code list qualifier	C an..3	N	
	3055	Code list responsible agency, coded	C an..3	N	
	3232	Related place/location two	C an..70	N	
5479		RELATION, CODED	C an..3	N	

Segment: **RFF** Reference
Position: 0070
Group: SG3 (RFF-DTM)
Usage: Conditional NAD+SE (Optional)
Max Use: 10
Purpose: A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license.

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

Data Element Summary

<u>Data Element</u>	<u>Component Element Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506	REFERENCE	M	M
	1153 Reference qualifier ADE = Account number.	M an..3	M
	1154 Reference number	C an..35	M
	1156 Line number	C an..6	N
	4000 Reference version number	C an..35	N

Segment: **TOD** Terms of delivery
Position: 0080
Group: SG5 (TOD-LOC-FTX)
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment indicating the terms of delivery and transfer for the whole despatch advice.

Notes: Segment Notes.

To specify terms of delivery or transport.

Example :

TOD+5++EXW'

Data Element Summary

<u>Data Element</u>	<u>Component Element Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4055	TERMS OF DELIVERY OR TRANSPORT FUNCTION, CODED	M an..3	M
4215	TRANSPORT CHARGES METHOD OF PAYMENT, CODED	M an..3	N
C100	TERMS OF DELIVERY OR TRANSPORT	C	C
	4053 Terms of delivery or transport	C an..3	C
	1131 Code list qualifier	C an..3	N
	3055 Code list responsible agency, coded	C an..3	N
	4052 Terms of delivery or transport	C an..70	N
	4052 Terms of delivery or transport	C an..70	N

Segment: **TDT** Details of Transport
Position: 0090
Group: SG6 (TDT-PCD-SG7)
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying the carriage, and the mode and means of transport of the goods being despatched.

Notes: Segment Notes.

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

Example :

TDT+12++30'

Data Element Summary

Data Element	Component Element Name	Base Attributes	User Attributes
8051	TRANSPORT STAGE QUALIFIER	M an..3	M
	12 At departure.		
8028	CONVEYANCE REFERENCE NUMBER	C an..17	N
C220	MODE OF TRANSPORT	C	M
	8067 Mode of transport, coded	C an..3	M
	8066 Mode of transport	C an..17	N
C228	TRANSPORT MEANS	C	N
	8179 Type of means of transport identification	C an..8	N
	8178 Type of means of transport	C an..17	N
C040	CARRIER	C	M
	3127 Carrier identification	C an..17	M
	Code identifying the carrier.		
	1131 Code list qualifier	C an..3	N
	3055 Code list responsible agency, coded	C an..3	M
	3128 Carrier name	C an..35	N
8101	TRANSIT DIRECTION, CODED	C an..3	N
C401	EXCESS TRANSPORTATION INFORMATION	C	N
	8457 Excess transportation reason, coded	M an..3	N
	8459 Excess transportation responsibility, coded	M an..3	N
	7130 Customer authorization number	C an..17	N
C222	TRANSPORT IDENTIFICATION	C	C
	8213 Id. of means of transport identification	C an..9	N
	1131 Code list qualifier	C an..3	N
	Refer to D.96A Data Element Dictionary for acceptable code values.		
	3055 Code list responsible agency, coded	C an..3	N
	8212 Id. of the means of transport	C an..35	N
	8453 Nationality of means of transport, coded	C an..3	C
	ISO 3166 two alpha code		
8281	TRANSPORT OWNERSHIP, CODED	C an..3	N

Segment: **EQD** Equipment Details
Position: 0100
Group: SG8 (EQD-MEA-SEL-EQA-SG9)
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to define fixed information regarding equipment used in conjunction with the whole despatch advice, and if required, to indicate responsibility for supply of the equipment.

Notes: Segment Notes.

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

Example :

EQD+TE+XYZ123456'

Data Element Summary

<u>Data Element</u>	<u>Component Element Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
8053	EQUIPMENT QUALIFIER	M an..3	M
	CN Container Equipment item as defined by ISO for transport. It must be of: A) permanent character, strong enough for repeated use; B) designed to facilitate the carriage of goods, by one or more modes of transport, without intermediate reloading; C) fitted with devices for its ready handling, particularly.		
	RR Railcar Registered identification number of railway wagon		
	TE Trailer A vehicle without motive power, designed for the carriage of cargo and to be towed by a motor vehicle.		
C237	EQUIPMENT IDENTIFICATION	C	M
	8260 Equipment identification number Used to identify equipment number, such as railcar or trailer number including initials	C an..17	M
	1131 Code list qualifier	C an..3	N
	3055 Code list responsible agency, coded	C an..3	N
	3207 Country, coded	C an..3	N
C224	EQUIPMENT SIZE AND TYPE	C	N
	8155 Equipment size and type identification	C an..10	O
	1131 Code list qualifier	C an..3	O
	3055 Code list responsible agency, coded	C an..3	D
	8154 Equipment size and type	C an..35	O
8077	EQUIPMENT SUPPLIER, CODED	C an..3	N
8249	EQUIPMENT STATUS, CODED	C an..3	N
8169	FULL/EMPTY INDICATOR, CODED	C an..3	N

Segment: **CPS** Consignment Packing Sequence
Position: 0110
Group: SG10 (CPS-FTX-SG11-SG15)
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

Notes: Segment Notes.

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

Example :

CPS+1++1' and CPS+2++3'

Data Element Summary

<u>Data Element</u>	<u>Component Element Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7164	HIERARCHICAL ID. NUMBER	M an..12	M
	Sequential numbering recommended.		
7166	HIERARCHICAL PARENT ID.	C an..12	N
7075	PACKAGING LEVEL, CODED	C an..3	M
	1= Inner 3= Outer		

Segment: **PAC** Package
Position: 0120
Group: SG11 (PAC-MEA-QTY-SG13)
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.

Notes: Segment Notes.

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

This segment group shall be repeated:

- if an article number is packed in different package types.
- If an article number is packed in the same package types, but with different quantity

Example :

PAC+10++PK::92'

		Data Element Summary		
Data Element	Component Element	Name	Base Attributes	User Attributes
7224		NUMBER OF PACKAGES	C n..8	M
C531		PACKAGING DETAILS	C	N
	7075	Packaging level, coded	C an..3	N
	7233	Packaging related information, coded	C an..3	O
	7073	Packaging terms and conditions, coded	C an..3	O
C202		PACKAGE TYPE	C	M
	7065	Type of packages identification	C an..17	M
		Identification for the container - used for the shipment of the part number identified in the following LIN segment		
		Refer to D.96A Data Element Dictionary for acceptable code values		
	1131	Code list qualifier	C an..3	N
	3055	Code list responsible agency, coded	C an..3	C
		Refer to D.96A Data Element Dictionary for acceptable code values.		
	7064	Type of packages	C an..35	N
C402		PACKAGE TYPE IDENTIFICATION	C	N
	7077	Item description type, coded	M an..3	N
	7064	Type of packages	M an..35	N
	7143	Item number type, coded	C an..3	N
	7064	Type of packages	C an..35	N
	7143	Item number type, coded	C an..3	N
C532		RETURNABLE PACKAGE DETAILS	C	N
	8395	Returnable package freight payment responsibility, coded	C an..3	O
	8393	Returnable package load contents, coded	C an..3	N

Segment: **QTY** Quantity
Position: 0130
Group: SG11
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment to give quantity information concerning the product.

Notes: Segment Notes.

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

 Example :

 QTY+52:400:PCE' and QTY+189:2'

 Dependency Notes :

 DE 6411: This DE must be the same Unit of Measure provided on the corresponding shipment authorization document.)

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		QUANTITY DETAILS	M	M
	6063	Quantity qualifier	M an..3	M
		52 Quantity per Pack		
		189 Number of packages in one handling unit	M n..15	M
	6060	Quantity	C an..3	M
	6411	Measure unit qualifier		

Refer to D.96A Data Element Dictionary for acceptable code values

Segment: **PCI** Package Identification
Position: 0140
Group: SG13 (PCI-RFF-GIR-SG14)
Usage: SG13 Conditional (Optional)
Max Use: 1
Purpose: A segment specifying markings and/or labels used on individual physical units (packages) described in the PAC segment.

Notes: Segment Notes.

This PCI segment is used to provide markings and labels information relevant to the packaging unit and level identified in the PAC segment.

Example :

PCI+17' (refer example1) and

PCI+17+++G::92' (This segment group will be repeated when packages refer to different handling units, refer example 2).

Data Element Summary

<u>Data Element</u>	<u>Component Element Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4233	MARKING INSTRUCTIONS, CODED 17 = Seller's instructions.	C an..3	M
C210	MARKS & LABELS	C	N
	7102 Shipping marks	M an..35	M
	7102 Shipping marks	C an..35	O
	7102 Shipping marks	C an..35	O
	7102 Shipping marks	C an..35	O
	7102 Shipping marks	C an..35	O
	7102 Shipping marks	C an..35	O
	7102 Shipping marks	C an..35	O
	7102 Shipping marks	C an..35	O
	7102 Shipping marks	C an..35	O
	7102 Shipping marks	C an..35	O
8275	CONTAINER/PACKAGE STATUS, CODED	C an..3	N
C827	TYPE OF MARKING	C	N
	7511 Type of marking, coded Handling Unit Qualifier: S = Simplified Handling Unit M = Homogeneous Handling Unit G = Mixed Handling Unit	M an..3	M
	1131 Code list qualifier	C an..3	N
	3055 Code list responsible agency, coded Value: 92 = Assigned by Buyer	C an..3	C

Segment: **RFF** Reference
Position: 0150
Group: SG13
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment for referencing the package identification e.g. master label number.

Notes: Segment Notes.

 This segment is used to specify any references which relate to the package identification, e.g., master label number.

 Example :

 RFF+AAT:00123477'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE	M	M
	1153	Reference qualifier AAT Master label number.	M an..3	M
	1154	Reference number	C an..35	M
	1156	Line number	C an..6	N
	4000	Reference version number	C an..35	N

Segment: **GIR** Related identification numbers
Position: 0160
Group: SG13
Usage: Mandatory
Max Use: 99
Purpose: A segment providing the identity numbers of packages being despatched.

Notes: Segment Notes.

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

If you are sending file to JITS application then its mandatory to send TF, VG, AN & AO values

Example :

GIR+3+00999100:ML+ABCD12:TF+ABCDEF1:VG+A4373811:AN+12:AO' (FOR JITS Only)

GIR+3+00999100:ML' (Other than JITS)

Data Element Summary

Data Element	Component Element Name	Base Attributes	User Attributes
7297	IDENTITY NUMBER QUALIFIER 3 Package	M an..3	M
C206	IDENTITY NUMBER	M	M
	7402 Identity number	M an..35	M
	7405 Identity number qualifier	C an..3	M
	4405 Status, coded	C an..35	N
C206	IDENTITY NUMBER	M	O
	7402 Identity number	M an..35	M
	7405 Identity number qualifier	C an..3	M
	ML Marking/label number		
	4405 Status, coded	C an..35	N
C206	IDENTITY NUMBER	M	N
	7402 Identity number	M an..35	N
	7405 Identity number qualifier (TF = Part family)	C an..3	N
	4405 Status, coded	C an..35	N
C206	IDENTITY NUMBER	M	N
	7402 Identity number	M an..35	N
	7405 Identity number qualifier (VG = Supply Group)	C an..3	N
	4405 Status, coded	C an..35	N
C206	IDENTITY NUMBER	M	N
	7402 Identity number	M an..35	N
	7405 Identity number qualifier (AN = Order Number)	C an..3	N
	4405 Status, coded	C an..35	N
C206	IDENTITY NUMBER	M	N
	7402 Identity number	M an..35	N
	7405 Identity number qualifier (AO=Position nbr in pack)	C an..3	N
	4405 Status, coded	C an..35	N

Segment: GIN GOODS IDENTITY NUMBER

Position:

Group: SG14

Usage: Condition

Max Use: 99

Purpose: This segment will be repeated for each handling unit label number.

Notes: Segment Notes

SG13-SG14 shall be present when the current CPS structure describes the Outer Packaging, ie when CPS 7075 = 3.

SG13-SG14 shall not be present when CPS 7075 = 1.

Example:

GIN+ML+8947828'

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
7405		IDENTITY NUMBER QUALIFIER <i>Value:</i> ML = Marking / Label number	M	M an..3
C208	7402	IDENTITY NUMBER RANGE Identity number Handling unit label number	M	M M an..17
	7402	Identity number	M	N
C208		IDENTITY NUMBER RANGE	M	N
C208		IDENTITY NUMBER RANGE	M	N
C208		IDENTITY NUMBER RANGE	M	N
C208		IDENTITY NUMBER RANGE	M	N

Segment: **LIN** Line Item
Position: 0170
Group: SG15 (LIN-PIA-IMD-MEA-QTY-ALI-GIN-GIR-DLM-DTM-FTX-MOA-SG16-SG17-SG18-SG19-SG20-SG23)
Usage: Mandatory
Max Use: 9999
Purpose: A segment identifying the product being despatched.
 All other segments in the detail section following the LIN segment refer to that line item.

Notes: Segment Notes.

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

Example :

LIN+++12345678:IN'

Data Element Summary

<u>Data Element</u>	<u>Component Element Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
1082	LINE ITEM NUMBER	C n..6	C
1229	ACTION REQUEST/NOTIFICATION, CODED	C an..3	N
C212	ITEM NUMBER IDENTIFICATION	C	M
	7140 Item number	C an..35	M
	Adient part number.		
	7143 Item number type, coded	C an..3	M
	IN Buyer's item number		
	1131 Code list qualifier	C an..3	N
	3055 Code list responsible agency, coded	C an..3	N
C829	SUB-LINE INFORMATION	C	N
	5495 Sub-line indicator, coded	C an..3	R
	Refer to D.96A Data Element Dictionary for acceptable code values.		
	1082 Line item number	C n..6	R
1222	CONFIGURATION LEVEL	C n..2	N
7083	CONFIGURATION, CODED	C an..3	N
	Refer to D.96A Data Element Dictionary for acceptable code values.		

Segment: **PIA** Additional Product Id
Position: 0180
Group: SG15
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment providing additional product identification.

Notes: Segment Notes.
 This segment is used to identify additional product codes for the current line item.
 Examples :
 PIA+1+CR153:SA'

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
4347		PRODUCT ID. FUNCTION QUALIFIER	M an..3	M
		1 Additional identification		
C212		ITEM NUMBER IDENTIFICATION	M	M
	7140	Item number	C an..35	M
	7143	Item number type, coded	C an..3	R
		SA – Suppliers article number		
	1131	Code list qualifier	C an..3	N
	3055	Code list responsible agency, coded	C an..3	N
C212		ITEM NUMBER IDENTIFICATION	C	N
	7140	Item number	C an..35	R
	7143	Item number type, coded	C an..3	R
	1131	Code list qualifier	C an..3	N
	3055	Code list responsible agency, coded	C an..3	D
C212		ITEM NUMBER IDENTIFICATION	C	N
	7140	Item number	C an..35	R
	7143	Item number type, coded	C an..3	R
	1131	Code list qualifier	C an..3	N
	3055	Code list responsible agency, coded	C an..3	D
C212		ITEM NUMBER IDENTIFICATION	C	N
	7140	Item number	C an..35	R
	7143	Item number type, coded	C an..3	R
	1131	Code list qualifier	C an..3	N
	3055	Code list responsible agency, coded	C an..3	D

Segment: **IMD** Item Description
Position: 0190
Group: SG15
Usage: Conditional (Optinal)
Max Use: 25
Purpose: A segment for describing the product or service being invoiced as well as product acharacteristic. This segment should be used for products or services that cannot be fully identified by a product code or article number.

Notes: Segment Notes.
 To describe an item in either an industry or free format..
 Example :
 IMD+++DESCRIPTION'

Data Element Summary

<u>Data Element</u>	<u>Component Element Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7077	ITEM DESCRIPTION TYPE, CODED	C an..3	N
7081	ITEM CHARACTERISTIC, CODED	C an..3	N
C273	ITEM DESCRIPTION	C	N
	7009 Item description identification	C an..17	N
	1131 Code list qualifier	C an..3	N
	3055 Code list responsible agency, coded	C an..3	N
	7008 Item description	C an..35	R
	Adient description		
	7008 Item description	C an..35	O
	3453 Language, coded	C an..3	N
7383	SURFACE/LAYER INDICATOR, CODED	C an..3	N

Refer to D.96A Data Element Dictionary for acceptable code values.

Segment: **QTY** Quantity
Position: 0200
Group: SG15
Usage: Mandatory
Max Use: 10
Purpose: A segment to give quantity information concerning the product.

Notes: Segment Notes.

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

 Example :

 QTY+3:1200:PCE' Conditional (Optional)
 QTY+12:400:PCE' Mandatory

 Dependency Notes :

 DE 6411: This DE must be the same Unit of Measure provided on the corresponding shipment authorization document.)

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		QUANTITY DETAILS	M	M
	6063	Quantity qualifier	M an..3	M
		3 Cumulative quantity		
		12 Despatch quantity		
	6060	Quantity	M n..15	M
	6411	Measure unit qualifier	C an..3	M

Refer to D.96A Data Element Dictionary for acceptable code values.

Segment: **ALI** Additional Information
Position: 0210
Group: SG15
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment indicating that the line item is subject to special conditions due to origin, customs preference, or commercial factors.

Notes: Segment Notes:

 This segment is used to indicate special conditions related to the current line item, and the country of origin.

 Example:
 ALI+DE'

Data Element Summary

<u>Data Element</u>	<u>Component Element Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3239	COUNTRY OF ORIGIN, CODED Refer to International Standard ISO 3166 "ISO ALPHA –2 Country Code" list.	C an..3	M
9213	TYPE OF DUTY REGIME, CODED	C an..3	N
4183	SPECIAL CONDITIONS, CODED	C an..3	N
4183	SPECIAL CONDITIONS, CODED	C an..3	N
4183	SPECIAL CONDITIONS, CODED	C an..3	N
4183	SPECIAL CONDITIONS, CODED	C an..3	N

Segment: **RFF** Reference
Position: 0220
Group: SG16 (RFF-DTM)
Usage: Mandatory
Max Use: 10
Purpose: A segment identifying documents related to the line item.

Notes: Segment Notes.

 This segment is used to specify any references which are for the line item only.

 Example :

 RFF+ON:51523'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE	M	M
	1153	Reference qualifier ON = Order number.	M an..3	M
	1154	Reference number	C an..35	M
	1156	Line number	C an..6	N
	4000	Reference version number	C an..35	N

Segment: **UNT** Message Trailer
Position: 0230
Group:
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

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

Example :

UNT+45+LF001'

Data Element Summary

Data Element	Component Element Name	Base Attributes	User Attributes
0074	NUMBER OF SEGMENTS IN A MESSAGE	M n..6	M
	The total number of segments in the message is detailed here.		
0062	MESSAGE REFERENCE NUMBER	M an..14	M
	The reference number used in the UNH segment must be repeated here.		

Example 1:

UNB+UNOA:3+SENDER+O0013007096JCIGXS 0846+060206:1708+183'
UNH+230+DESADV:D:96A:UN'
BGM+351+LE002366'
DTM+137:200601301543:203'
DTM+11:200601101245:203'
MEA+AAX+AAD+KGM:72'
NAD+CZ+0968060::92++JCREDDITCH'
NAD+SE+0310968::92++SELLERNAME'
RFF+ADE:220032'
NAD+CN+129816::92++Adient BOCHUM'
LOC+11+14028C'
EQD+TE+6641 WX 37'
CPS+1++1'
PAC+3++CARTON'
QTY+52:30:PCE'
PCI+17'
RFF+AAT:010156602'
GIR+3+010126516:ML'
GIR+3+010126517:ML'
GIR+3+010126518:ML'
LIN+++11821013:IN'
PIA+1+4711698:SA'
IMD+++:::DESCRIPTION C.K.D.'
QTY+3:990:PCE'
QTY+12:90:PCE'
ALI+DE'
RFF+ON:395312'
CPS+2++1'
PAC+2++BSP'
QTY+52:6:PCE'
PCI+17'
RFF+AAT:010194281'
GIR+3+010169689:ML'
GIR+3+010169690:ML'
LIN+++29041388:IN'
PIA+1+2100570:SA'
IMD+++:::ADAC EU GAS'
QTY+12:12:PCE'
ALI+FR'
RFF+ON:395312'
UNT+40+230'
UNZ+1+183'

Example 2: Non-simplified unit (Homogeneous/Mixed)

UNB+UNOA:3+<sender>+O0013007096JCIGXS 0764+160314:0845+00183'
UNH+1+DESADV:D:96A:UN'
BGM+351+LE002366+9'
DTM+132:201603210900:203'
DTM+137:201603140845:203'
DTM+11:200601101245:203'
MEA+AAX+AAD+KGM:72'
NAD+CZ+0968060::92++JC REDDITCH'
NAD+SE+0310968::92++SELLER NAME'
RFF+ADE:220032'
NAD+CN+129816::92++Adient'
LOC+11+14028C'
EQD+TE+6641 WX 37'
CPS+1++1'
PAC+3++EB1::92'
QTY+52:100:PCE'
PCI++++M::92'
RFF+AAT:PALLET1'
GIR+3+010126511:ML+ABCD12:TF+ABCDEF1:VG+A4373811:AN+12:AO'
GIR+3+010126512:ML+ABCD12:TF+ABCDEF1:VG+A4373811:AN+13:AO'
PCI++++G::92'
RFF+AAT:PALLET2'
GIR+3+010126513:ML+ABCD12:TF+ABCDEF1:VG+A4373811:AN+14:AO'
LIN+++ARTICLE1:IN'
PIA+1+4711698:SA'
IMD+++:::DESCRIPTION C.K.D.'
QTY+3:990:PCE'
QTY+12:300:PCE'
RFF+ON:395312'
CPS+2++1'
PAC+1++EB1::92'
QTY+52:50:PCE'
PCI++++G::92'
RFF+AAT:PALLET2'
GIR+3+BOX4:ML+ABCD12:TF+ABCDEF1:VG+A4373811:AN+21:AO'

LIN+++ARTICLE2:IN'
PIA+1+2100570:SA'
IMD+++:::ADAC EU GAS'
QTY+12:50'
RFF+ON:A123456'
CPS+3++3'
PAC+2++EP1::92'
QTY+189:2'
PCI+17'
GIN+ML+PALLET1'
GIN+ML+PALLET2'
UNT+40+230'
UNZ+1+183'

Document Revision

Version	Date	Description	Author
1.0	2007-01-18	Creation	Hans-Ulrich Berger
1.5	2007-10-02	Revision and change of CI	Marc Tillmann
1.6	2009-09-18	Enhancement	Hans-Ulrich Berger
1.7	2016-03-31	Enhancement	Taresh Chaudhari
1.8	2016-08-22	GIN,PCI segment & example added,CPS & QTY segment updated	Taresh Chaudhari
1.9	2016-Aug-23	Modified JCI or Johnson Controls references to be Adient. Removed JCI logo and added Adient logo.	Hemant Bhardwaj
3.0	2017-Mar-14	Update UNB segment	Taresh Chaudhari