



EDIFACT DESADV UN D97A - GUIDELINE

RELEASE NOTES

VERSION	RELEASE NOTES	
1.2	09.01.2019	added Codes for measurement units and mode of transport
1.3	28.01.2019	added not used space to TDT segment
1.4	30.01.2019	declared LOC (+11) segment as mandatory
2.0	30.01.2019	major Design changes

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Message Structure:

Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
	UNB	INTERCHANGE HEADER	M	1		Must use

Heading:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
0010	UNH	MESSAGE HEADER	M	1	N1/0010	Must use
0020	BGM	Beginning of message	M	1	N1/0020	Must use
0030	DTM	DATE/TIME/PERIOD	C	10	N1/0030	Used
0050	MEA	MEASUREMENTS	C	5	N1/0050	Used
0070		<u>Segment Group 1</u>	C	10	N1/0070	Used
0080	RFF	REFERENCE	M	1	N1/0080	Must use
0100		<u>Segment Group 2</u>	C	10	N1/0100	Used
0110	NAD	name and address	M	1	N1/0110	Must use
0120	LOC	PLACE/LOCATION IDENTIFICATION	M	10	N1/0120	Must use
0230		<u>Segment Group 6</u>	C	10	N1/0230	Used
0240	TDT	details of transport	M	1	N1/0240	Must use
0290		<u>Segment Group 8</u>	C	10	N1/0290	Used
0300	EQD	EQUIPMENT DETAILS	M	1	N1/0300	Must use

Detail:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
0370		<u>Segment Group 10</u>	C	9999	N2/0370	Used
0380	CPS	CONSIGNMENT PACKING SEQUENCE	M	1	N2/0380	Must use
0400		<u>Segment Group 11</u>	C	9999	N2/0400	Used
0410	PAC	PACKAGE	M	1	N2/0410	Must use
0430	QTY	QUANTITY	C	10	N2/0430	Used
0470		<u>Segment Group 13</u>	C	1000	N2/0470	Used
0480	PCI	PACKAGE IDENTIFICATION	M	1	N2/0480	Must use

0520		Segment Group 14	C	99	N2/0520	Used
0530	GIN	GOODS IDENTITY NUMBER	M	1	N2/0530	Must use
0550		Segment Group 15	C	9999	N2/0550	Used
0560	LIN	LINE ITEM	M	1	N2/0560	Must use
0570	PIA	ADDITIONAL PRODUCT ID	C	10	N2/0570	Used
0600	QTY	QUANTITY	C	10	N2/0600	Used
0610	ALI	ADDITIONAL INFORMATION	C	10	N2/0610	Used
0710		Segment Group 16	C	99	N2/0710	Used
0720	RFF	REFERENCE	M	1	N2/0720	Must use
0750	DTM	DATE/TIME/PERIOD	C	1	N2/0750	Used

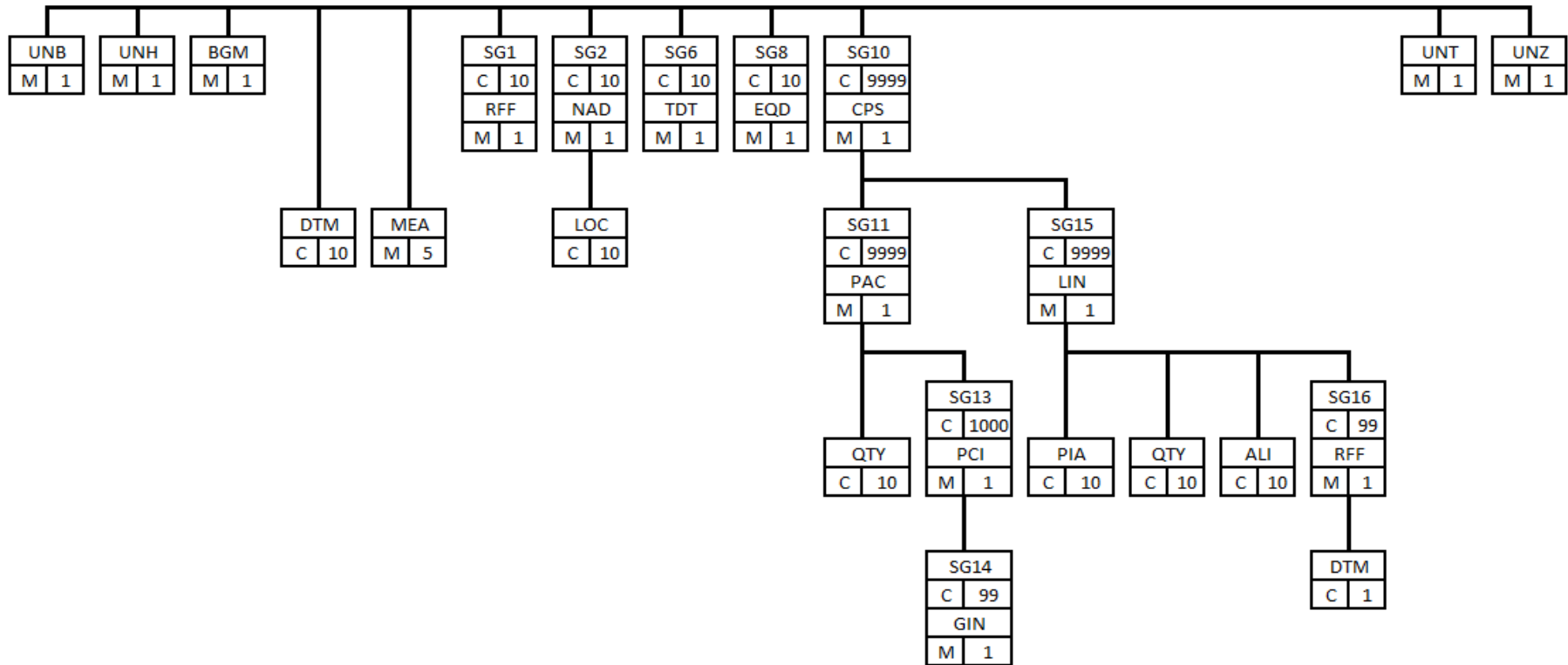
Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
1040	UNT	MESSAGE TRAILER	M	1	N3/1040	Must use

Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
	UNZ	INTERCHANGE TRAILER	M	1		Must use

BRANCHING DIAGRAM DESADV



UNB INTERCHANGE HEADER

POS:	MAX: 1
MANDATORY	
GROUP: N/A	ELEMENTS: 7

User Option (Usage) MUST USE

Purpose: To start, identify and specify an interchange.

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
S001	SYNTAX IDENTIFIER <u>Description:</u> Identification of the agency controlling the syntax and indication of syntax level	M	COMP		MUST USE
0001	SYNTAX IDENTIFIER <u>Description:</u> Coded identification of the agency controlling a syntax and syntax level used in an interchange Code: UNOA = UN / ECE level A	M	AN	4/4	MUST USE
0002	SYNTAX VERSION NUMBER <u>Description:</u> Version number of the syntax identified in the syntax identifier (0001) All valid standard codes are used	M	N	1/1	MUST USE
S002	INTERCHANGE SENDER <u>Description:</u> Identification of the sender of the interchange	M	COMP		MUST USE
0004	SENDER IDENTIFICATION <u>Description:</u> Name or coded representation of the sender of a data interchange	M	AN	1/35	MUST USE

	0007	PARTNER IDENTIFICATION CODE QUALIFIER	C	AN	1/4	USED
		<u>Description:</u> Qualifier referring to the source of codes for the identifiers of interchanging partners. All valid standard codes are used				
	0008	ADDRESS FOR REVERSE ROUTING	C	AN	1/4	USED
		<u>Description:</u> Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing.				
S003		INTERCHANGE RECEIPT	M	COMP		MUST USE
		<u>Description:</u> Identification of the recipient of the interchange				
	0010	RECIPIENT IDENTIFICATION	M	AN	1/35	MUST USE
		<u>Description:</u> Name or coded representation of the recipient of a data interchange				
	0007	PARTNER IDENTIFICATION CODE QUALIFIER	C	AN	1/4	USED
		<u>Description:</u> Qualifier referring to the source of codes for the identifiers of interchanging partners All valid standard codes are used				
S004		DATE / TIME OF PREPARATION	M	COMP		MUST USE
		<u>Description:</u> Date / time of preparation of the interchange.				
	0017	DATE OF PREPARATION	M	N	6/6	MUST USE
		<u>Description:</u> Local date when an interchange or a functional group was prepared Format: YYMMDD				
	0019	TIME OF PREPARATION	M	N	4/4	MUST USE
		<u>Description:</u> Local time of day when an interchange or a functional group was prepared Format: HHMM				

0020	INTERCHANGE CONTROL REFERENCE	M	AN	1/14	MUST USE
	<u>Description:</u> Unique reference assigned by the sender to an interchange				
S005	RECIPIENTS REFERENCE PASSWORD	C	COMP		USED
	<u>Description:</u> Reference or password as agreed between the communicating partners				
0022	RECIPIENT'S REFERENCE / PASSWORD	M	AN	1/14	MUST USE
	<u>Description:</u> Unique reference assigned by the recipient to the data interchange or a password to the recipient's system or to a third party network as specified in the partners interchange agreement				
0026	APPLICATION REFERENCE	C	AN	1/14	USED
	<u>Description:</u> Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type.				

UNH MESSAGE HEADER

POS: 0010	MAX: 1
MANDATORY	
GROUP: N/A	ELEMENTS: 2

User Option (Usage) MUST USE

Purpose: To head, identify and specify a message

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
0062	MESSAGE REFERENCE NUMBER <u>Description</u> Unique message reference assigned by the sender	M	AN	1/14	MUST USE
S009	MESSAGE IDENTIFIER <u>Description:</u> Identification of the type, version, etc. of the message being interchanged	M	COMP		MUST USE
0065	MESSAGE TYPE <u>Description</u> Code identifying a type of message and assigned by its controlling agency Code : DESADV Name: DESPATCH ADVICE MESSAGE	M	AN	1/6	MUST USE
0052	MESSAGE VERSION NUMBER <u>Description</u> Version number of a message type Code: D Name: DRAFT VERSION /UN/ EDIFACT DIRECTORY	M	AN	1/3	MUST USE
0054	MESSAGE RELEASE NUMBER <u>Description</u> Release number within the current message version number Code: 97A Name: RELEASE 1997-A	M	AN	1/3	MUST USE

0051 **CONTROLLING AGENCY, CODED**

Description

Code identifying a controlling agency

Code: UN

NAME: UN/EDIFACT

M AN 1/3 MUST USE

BGM BEGINNING OF MESSAGE

POS: 0020	MAX: 1
MANDATORY	
GROUP: N/A	ELEMENTS: 3

User Option (Usage) MUST USE

Purpose: To indicate the type and function of a message and to transmit the identifying number.

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
C002	DOCUMENT / MESSAGE NAME <u>Description</u> Identification of a type of document/message by code or name. Code preferred.	C	COMP		USED
1001	DOCUMENT NAME, CODE <u>Description</u> Document / message identifier expressed in code Code: 351 Name: DESPATCH ADVICE	C	AN	1/3	USED
C106	DOCUMENT / MESSAGE IDENTIFICATION <u>Description</u> Identification of a document/message by its number and eventually its version or revision	C	COMP		USED
1004	DOCUMENT IDENTIFIER <u>Description</u> Reference number assigned to the document/message by the issuer	C	AN	1/35	USED
1225	MESSAGE FUNCTION, CODED <u>Description</u> Code indicating the function of the message Code: 9 = original	C	AN	1/3	USED

DTM

DATE / TIME / PERIOD

POS: 0030	MAX: 10
CONDITIONAL	
GROUP: N/A	ELEMENTS: 1

User Option (Usage) USED

Purpose: To specify date, and/or time, or period

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
C507	DATE/TIME/PERIOD <u>Description</u> Date and/or time, or period relevant to the specified date/time/period type	M	COMP		MUST USE
2005	DATE OR TIME OR PERIOD FUNCTION CODE QUALIFIER <u>Description</u> Code giving specific meaning to a date, time or period Code 11 = despatch date and or time Code 132 = arrival date / time, estimated Code 137 = document / message date / time	M	AN	1/3	MUST USE
2380	DATE OR TIME PERIOD TEXT <u>Description</u> The value of a date, a date and time, a time or of a period in a specified representation	C	AN	1/35	USED
2379	DATE / TIME / PERIOD FORMAT QUALIFIER <u>Description</u> Code specifying the representation of a date, time or period Code 102 = CCYYMMDD Code 203 = CCYYMMDDHHMM	C	AN	1/3	USED

MEA MEASUREMENTS

POS: 0050	MAX: 5
CONDITIONAL	
GROUP: N/A	ELEMENTS: 3

User Option (Usage) USED

Purpose: To specify physical measurements, including dimension tolerances, weights and

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
6311	MEASUREMENT PURPOSE QUALIFIER <u>Description</u> Specification of the purpose of the measurement Code AAX = consignment measurement	M	AN	1/3	MUST USE
C502	MEASUREMENT DETAILS <u>Description</u> Identification of measurement type	C	COMP		USED
6313	PROPERTY MEASURED, CODED <u>Description</u> Specification of the property measured Code G = gross weight Code N = actual net weight Code SQ = shipped quantity	C	AN	1/3	USED
C174	VALUE / RANGE <u>Description</u> Measurement value and relevant minimum and maximum tolerances in that order	C	COMP		USED
6411	MEASURE UNIT QUALIFIER <u>Description</u> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed	M	AN	1/3	MUST USE



6314 MEASUREMENT VALUE

Description

Value of the measured unit

C AN 1/18 USED

Segment Group 1

POS: 0070	REPEAT: 10
CONDITIONAL	
GROUP: 1	ELEMENTS: N/A

User Option (Usage) USED

Purpose:

Segment Group Summary:

POS	TAG	ELEMENT NAME	STATUS	REP	USAGE
0080	RFF	REFERENCE	M	1	MUST USE

RFF

REFERENCE

POS: 0080	MAX: 1
MANDATORY	
GROUP: 1	ELEMENTS: 1

LOOP PATH: Group 1
User Option (Usage) **MUST USE**
Purpose: To specify a reference

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
C506	REFERENCE <u>Description</u> Identification of a reference	M	COMP		MUST USE
1153	REFERENCE QUALIFIER <u>Description</u> Code giving specific meaning to a reference segment or a reference number. Code CN = carrier's reference number Code MB = master bill of lading number	M	AN	1/3	MUST USE
1154	REFERENCE NUMBER <u>Description</u> Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	C	AN	1/35	USED

Segment Group 2

POS: 0100	REPEAT: 10
CONDITIONAL	
GROUP: 2	ELEMENTS: N/A

User Option (Usage) USED

Purpose:

Segment Group Summary:

POS	TAG	ELEMENT NAME	STATUS	REP	USAGE
0110	NAD	NAME AND ADDRESS	M	1	MUST USE
0120	LOC	PLACE / LOCATION / IDENTIFICATION	M	10	MUST USE

NAD NAME AND ADDRESS

POS: 0110	MAX: 1
MANDATORY	
GROUP: 2	ELEMENTS: 9

LOOP PATH: Group 2

User Option (Usage) MUST USE

Purpose: To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
3035	Party qualifier <u>Description</u> Code giving specific meaning to a party Code MI = Planning schedule/material release issuer Code BY = buyer Code SF = ship from Code ST = ship to Code SU = supplier	M	AN	1/3	MUST USE
C082	PARTY IDENTIFICATION DETAILS <u>Description</u> Identification of a transaction party by code	C	COMP		USED
3039	Party id. Identification	M	AN	1/35	MUST USE
1131	Code LIST QUALIFIER	C	AN	1/3	NOT USED
3055	CODE LIST RESPONSIBLE AGENCY, CODED <u>Description</u> Code specifying the agency responsible for a code list Code 91 = assigned by seller or seller's agent Code 92 = assigned by buyer or buyer's agent	C	AN	1/3	USED
C058	NAME AND ADDRESS <u>Description</u> Unstructured name and address: one to five lines	C	COMP		USED

3124	NAME AND ADDRESS LINE	M	AN	1/35	MUST USE
	<u>Description:</u> Free form name and address description				
3124	NAME AND ADDRESS LINE	M	AN	1/35	USED
	<u>Description</u> Free form name and address description				
C080	PARTY NAME	C	COMP		USED
	<u>Description</u> Identification of a transaction party by name, one to five lines. Party name may be formatted				
3036	PARTY NAME	M	AN	1/35	MUST USE
	<u>Description</u> Name of a party involved in a transaction				
C059	STREET	C	COMP		USED
	<u>Description</u> Street address and/or PO Box number in a structured address: one to three lines.				
3042	STREET AND NUMBER / P.O.BOX	M	AN	1/35	MUST USE
	<u>Description</u> Street and number in plain language, or Post Office Box No				
3164	CITY NAME	C	AN	1/35	USED
	<u>Description</u> Name of a city (a town, a village) for addressing purposes				
3229	CONTRY SUB-ENTITY IDENTIFICATION	C	AN	1/9	USED
	<u>Description</u> Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies				
3251	POSTCODE IDENTIFICATION	C	AN	1/9	USED
	<u>Description</u> Code defining postal zones or addresses				

3207	CONTRY, CODED	C	AN	1/3	USED
	<u>Description</u>				
	Identification of the name of a country or other geographical entity as specified in ISO 3166				

LOC PLACE / LOCATION IDENTIFICATION

POS: 0120	MAX: 10
MANDATORY	
GROUP: 2	ELEMENTS: 2

LOOP PATH: Group 2

User Option (Usage) USED

Purpose: To identify a country/place/location/related location one/related location two.

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
3227	PLACE / LOCATION qualifier	M	AN	1/3	MUST USE
	<u>Description</u> Code identifying the function of a location Code: 11 = Place / port of discharge Code: 18 = Warehouse Code: 159 = Additional internal destination				
C517	LOCATION IDENTIFICATION	C	COMP		USED
	<u>Description</u> Identification of a location by code or name				
3225	PLACE / LOCATION IDENTIFICATION	C	AN	1/25	USED
	<u>Description</u> Identification of the name of place/location, other than 3164 City name				

Segment Group 6

POS: 0230	REPEAT: 10
CONDITIONAL	
GROUP: 6	ELEMENTS: N/A

User Option (Usage) USED

Purpose:

Segment Group Summary:

POS	TAG	ELEMENT NAME	STATUS	REP	USAGE
0240	TDT	DETAILS OF TRANSPORT	M	1	MUST USE

TDT

DETAILS OF TRANSPORT

POS: 0240	MAX: 1
MANDATORY	
GROUP: 6	ELEMENTS: 3

LOOP PATH: Group 6

User Option (Usage) MUST USE

Purpose: To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport. The segment may be pointed to by the TPL segment

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
8051	TRANSPORT STAGE QUALIFIER	M	AN	1/3	MUST USE
	<u>Description</u> Qualifier giving a specific meaning to the transport details Code 12 = at departure Code 25 = delivery carrier all transport				
8028	CONVEYANCE REFERENCE NUMBER	C	AN	1/17	NOT USED
C220	MODE OF TRANSPORT	C	COMP		USED
	<u>Description</u> Method of transport code or name. Code preferred				
8067	MODE OF TRANSPORT, CODED	C	AN	1/3	USED
	<u>Description</u> Coded method of transport used for the carriage of the goods Code of mode of transport. Use UN/ECE Recommendation No 19. 10 Maritime transport 20 Rail transport 30 Road transport 40 Air transport 50 Mail 60 Multimodal transport				

C228	TRANSPORT MEANS	C			NOT USED
C040	CARRIER	C	COMP		USED
	<u>Description</u> Identification of a carrier by code and/or by name. Code preferred				
3127	CARRIER IDENTIFICATION	C	AN	1/17	USED
	<u>Description</u> Identification of party undertaking or arranging transport of goods between named points				
1131	CODE LIST QUALIFIER	C	AN	1/3	NOT USED
	<u>Description</u> Identification of a code list.				
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C	AN	1/3	USED
	<u>Description</u> Code identifying the agency responsible for a code list Code 92 = assigned by buyer's agent				

Segment Group 8

POS: 0290	REPEAT: 10
CONDITIONAL	
GROUP: 8	ELEMENTS: N/A

User Option (Usage) USED

Purpose:

Segment Group Summary:

POS	TAG	ELEMENT NAME	STATUS	REP	USAGE
0300	EQD	EQUIPMENT DETAILS	M	1	MUST USE

EQD EQUIPMENT DETAILS

POS: 0300	MAX: 1
MANDATORY	
GROUP: 8	ELEMENTS: 2

LOOP PATH: Group 8

User Option (Usage) MUST USE

Purpose: To identify a unit of equipment

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
8053	EQUIPMENT QUALIFIER <u>Description</u> Code identifying type of equipment Code CN = container Code RR = rail car Code TE = trailer	M	AN	1/3	MUST USE
C237	EQUIPMENT IDENTIFICATION <u>Description</u> Marks (letters and/or numbers) identifying equipment used for transport such as a container	C	COMP		USED
8260	EQUIPMENT IDENTIFICATION NUMBER <u>Description</u> Marks (letters and/or numbers) which identify equipment e.g. unit load device	C	AN	1/17	USED

Segment Group 10

POS: 0370	REPEAT: 9999
CONDITIONAL	
GROUP: 10	ELEMENTS: N/A

User Option (Usage) USED

Purpose:

Segment Group Summary:

POS	TAG	ELEMENT NAME	STATUS	REP	USAGE
0380	CPS	CONSIGNMENT PACKING SEQUENCE	M	1	MUST USE
0400		SEGMENT GROUP 11	C	9999	USED
0550		SEGMENT GROUP 15	C	9999	USED

CPS

CONSIGNMENT PACKING SEQUENCE

POS: 0380	MAX: 1
MANDATORY	
GROUP: 10	ELEMENTS: 2

LOOP PATH: Group 10

User Option (Usage) MUST USE

Purpose: To identify the sequence in which physical packing is presented in the consignment, optionally to identify the hierarchical relationship between packing layers

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
7164	HIRARCHIAL ID. NUMBER	M	AN	1/12	MUST USE
	<u>Description</u> A unique number assigned by the sender to identify a level within a hierarchical structure Code 3 = Scheduling type information				
7075	PACKAGING LEVEL, CODED	C	AN	1/3	USED
	<u>Description</u> Indication of level of packaging specified Code 1 = inner Code 3 = outer Code 4 = no packaging hierarchy				

Segment Group 11

POS: 0400 REPEAT: 9999

CONDITIONAL

GROUP: 11 ELEMENTS: N/A

LOOP PATH: Group 10

User Option (Usage) USED

Purpose:

Segment Group Summary:

POS	TAG	ELEMENT NAME	STATUS	REP	USAGE
0410	PAC	PACKAGE	M	1	MUST USE
0430	QTY	QUANTITY	C	10	USED
0470		Segment Group 13	C	1000	USED

PAC PACKAGE

POS: 0410	MAX: 1
MANDATORY	
GROUP: 11	ELEMENTS: 3

LOOP PATH: Group 10-Group 11

User Option (Usage) MUST USE

Purpose: To describe the number and type of packages / physical units

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
7224	NUMBER OF PACKAGES <u>Description</u> Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing	C	N	1/8	USED
C531	PACKAGING DETAILS <u>Description</u> Packaging level and details, terms and conditions	C	COMP		USED
7233	PACKAGING RELATED INFORMATION, CODED <u>Description</u> Code giving packaging, handling and marking related information. <u>CodeList Summary</u> Code 37 = package protection	C	AN	1/3	USED
C202	PACKAGE TYPE <u>Description</u> Type of package by name or by code from a specified source	C	COMP		USED
7065	TYPE OF PACKAGE IDENTIFICATION <u>Description</u> Coded description of the form in which goods are presented Code 92 = assigned by buyer or buyer's agent	C	AN	1/17	USED

QTY

QUANTITY

POS: 0430	MAX: 10
CONDITIONAL	
GROUP: 11	ELEMENTS: 1

LOOP PATH: Group 10-Group 11
User Option (Usage) USED
Purpose: To specify a pertinent quantity

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
C186	QUANTITY DETAILS <u>Description</u> Quantity information in a transaction, qualified when relevant	M	COMP		MUST USE
6063	QUANTITY TYPE CODE QUALIFIER <u>Description</u> Code: 52 = quantity per pack	M	AN	1/3	MUST USE
6060	QUANTITY <u>Description</u> Numeric value of a quantity	M	N	1/15	MUST USE
6411	MEASUREMENT UNIT QUALIFIER <u>Description</u> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed C62 - one PCE - piece SET - set MTR - metre CMT - centimetre MMT - millimetre MTK - square metre LEF - leaf	C	AN	1/3	USED

MTQ - cubic metre
LTR - litre
PR - pair
RO - roll
TNE - tonne (metric ton)
KGM - kilogram
GRM - gram
KMT - kilometre

Segment Group 13

POS: 0470	REPEAT: 1000
CONDITIONAL	
GROUP: 13	ELEMENTS: N/A

LOOP PATH: Group 10-Group 11

User Option (Usage) USED

Purpose:

Segment Group Summary:

POS	TAG	ELEMENT NAME	STATUS	REP	USAGE
0480	PCI	PACKAGE IDENTIFICATION	M	1	MUST USE
0520		SEGMENT GROUP 14	C	99	USED

PCI

PACKAGE IDENTIFICATION

POS: 0480	MAX: 1
CONDITIONAL	
GROUP: 13	ELEMENTS: 1

LOOP PATH: Group 10-Group 11-Group 13

User Option (Usage) MUST USE

Purpose: To specify markings and labels on individual packages or physical units

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
4233	MARKING INSTRUCTIONS, CODED	C	AN	1/3	USED
	<u>Description</u>				
	Code indicating instructions on how specified packages or physical units should be marked				
	<u>CodeList Summary</u>				
	Code 16 = buyer's instructions				
	Code 17 = seller's instructions				

Segment Group 14

POS: 0520	REPEAT: 99
CONDITIONAL	
GROUP: 14	ELEMENTS: N/A

LOOP PATH: Group 10-Group 11-Group 13

User Option (Usage) USED

Purpose:

Segment Group Summary:

POS	TAG	ELEMENT NAME	STATUS	REP	USAGE
0530	GIN	GOODS IDENTITY NUMBER	M	1	MUST USE

GIN

GOODS IDENTITY NUMBER

POS: 530	MAX: 1
CONDITIONAL	
GROUP: 14	ELEMENTS: 6

LOOP PATH: Group 10-Group 11-Group 13-Group 14

User Option (Usage) MUST USE

Purpose: To specify a pertinent quantity

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
7405	IDENTITY NUMBER QUALIFIER <u>Description</u> Code specifying the type/source of identity number <u>CodeList Summary</u> Code ML = marking/label number	M	AN	1/3	MUST USE
C208	IDENTITY NUMBER RANGE <u>Description</u> numbered range	M	COMP		MUST USE
7402	IDENTITY NUMBER <u>Description</u> The number given to an object for its unique identification	M	AN	1/35	MUST USE
C208	IDENTITY NUMBER RANGE <u>Description</u> numbered range	C	COMP		USED
7402	IDENTITY NUMBER <u>Description</u> The number given to an object for its unique identification	M	AN	1/35	MUST USE
7402	IDENTITY NUMBER <u>Description</u> The number given to an object for its unique identification	C	AN	1/35	USED

C208	IDENTITY NUMBER RANGE	C	COMP		USED
	<u>Description</u> Goods item identification numbers, start and end of consecutively numbered range				
7402	IDENTITY NUMBER	M	AN	1/35	MUST USE
	<u>Description</u> The number given to an object for its unique identification				
7402	IDENTITY NUMBER	C	AN	1/35	USED
	<u>Description</u> The number given to an object for its unique identification				
C208	IDENTITY NUMBER RANGE	C	COMP		USED
	<u>Description</u> Goods item identification numbers, start and end of consecutively numbered range				
7402	IDENTITY NUMBER	M	AN	1/35	MUST USE
	<u>Description</u> The number given to an object for its unique identification				
7402	IDENTITY NUMBER	C	AN	1/35	USED
	<u>Description</u> The number given to an object for its unique identification				
C208	IDENTITY NUMBER RANGE	C	COMP		USED
	<u>Description</u> numbered range				
7402	IDENTITY NUMBER	M	AN	1/35	MUST USE
	<u>Description</u> The number given to an object for its unique identification				
7402	IDENTITY NUMBER	C	AN	1/35	USED
	<u>Description</u> The number given to an object for its unique identification				

Segment Group 15

POS: 0550 REPEAT: 9999

CONDITIONAL

GROUP: 15 ELEMENTS: N/A

LOOP PATH: Group 10

User Option (Usage) USED

Purpose:

Segment Group Summary:

POS	TAG	ELEMENT NAME	STATUS	REP	USAGE
0560	LIN	LINE ITEM	M	1	MUST USE
0570	PIA	ADDITIONAL PRODUCT ID	C	10	USED
0600	QTY	QUANTITY	C	10	USED
0610	ALI	ADDITIONAL INFORMATION	C	10	USED
0710		SEGMENT GROUP 16	C	99	USED

LIN

LINE ITEM

POS: 0560	MAX: 1
MANDATORY	
GROUP: 15	ELEMENTS: 1

LOOP PATH: Group 10-Group 15

User Option (Usage) MUST USE

Purpose: To identify a line item and configuration

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
1082	LINE ITEM NUMBER	C	AN	1/6	NOT USED
1229	ACTION REQUEST/NOTIFICATION, CODED	C	AN	1/3	NOT USED
C212	ITEM NUMBER IDENTIFICATION	C	COMP		USED
	<u>Description</u> Goods identification for a specified source				
7140	ITEM NUMBER	C	AN	1/35	USED
	<u>Description</u> A number allocated to a group or item				
7143	ITEM NUMBER TYPE, CODE	C	AN	1/3	USED
	<u>Description</u> Coded identification of an item type Code: IN = Buyer's item number				

PIA

ADDITIONAL PRODUCT ID

POS: 0570	MAX: 10
MANDATORY	
GROUP: 15	ELEMENTS: 2

LOOP PATH: Group 10-Group 15

User Option (Usage) USED

Purpose: To specify additional or substitutional item identification codes

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
4347	PRODUCT ID. FUNCTION QUALIFIER	M	AN	1/3	MUST USE
	<u>Description</u> Indication of the function of the product code				
	<u>CodeList Summary</u> Code 1 = additional identification				
C212	ITEM NUMBER IDENTIFICATION	M	COMP		MUST USE
	<u>Description</u> Goods identification for a specified source				
7140	ITEM NUMBER	C	AN	1/3	USED
7143	ITEM NUMBER TYPE, CODED	C	AN	1/3	USED
	<u>Description</u> Identification of the type of item number Code: SA = supplier's article number				

QTY

QUANTITY

POS: 0600	MAX: 10
CONDITIONAL	
GROUP: 15	ELEMENTS: 1

LOOP PATH: Group 10-Group 15
User Option (Usage) USED
Purpose: To specify a pertinent quantity

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
C186	QUANTITY DETAILS <u>Description</u> Quantity information in a transaction, qualified when relevant	M	COMP		MUST USE
6063	QUANTITY TYPE CODE QUALIFIER <u>Description</u> Code qualifying the type of quantity Code: 3 = cumulative quantity Code: 12 = despatch quantity	M	AN	1/3	MUST USE
6060	QUANTITY <u>Description</u> Alphanumeric representation of a quantity	M	N	1/15	MUST USE
6411	MEASUREMENT UNIT QUALIFIER <u>Description</u> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed PCE = Pieces	C	AN	1/3	USED

ALI

ADDITIONAL INFORMATION

POS: 0610	MAX: 10
MANDATORY	
GROUP: 15	ELEMENTS: 1

LOOP PATH: Group 10-Group 15

User Option (Usage) USED

Purpose: To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
3239	COUNTRY OF ORIGIN, CODED <u>Description</u> Country in which the goods have been produced or manufactured, according to criteria laid down for the purposes of application of the Customs tariff, of quantitative restrictions, or of any other measure related to trade	C	AN	1/3	USED

Segment Group 16

POS: 0710	REPEAT: 99
CONDITIONAL	
GROUP: 16	ELEMENTS: N/A

LOOP PATH: Group 10-Group 15

User Option (Usage) USED

Purpose:

Segment Group Summary:

POS	TAG	ELEMENT NAME	STATUS	REP	USAGE
0720	RFF	REFERENCE	M	1	MUST USE
0750	DTM	DATE/TIME/PERIOD	C	1	USED

RFF

REFERENCE

POS: 0720	MAX: 1
MANDATORY	
GROUP: 16	ELEMENTS: 1

LOOP PATH: Group 10-Group 15-Group 16

User Option (Usage) MUST USE

Purpose: To specify a reference

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
C506	REFERENCE	M	COMP		MUST USE
	<u>Description</u> Identification of a reference				
1153	REFERENCE QUALIFIER	M	AN	1/3	MUST USE
	<u>Description</u> Code giving specific meaning to a reference segment or a reference number Code ON = Order number (purchase) Code AAN = delivery schedule number				
1154	REFERENCE NUMBER	C	AN	1/35	USED
	<u>Description</u> Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier				

DTM

DATE / TIME / PERIOD

POS: 0030	MAX: 10
CONDITIONAL	
GROUP: N/A	ELEMENTS: 1

LOOP PATH: Group 10-Group 15-Group 16

User Option (Usage) USED

Purpose: To specify date, and/or time, or period

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
C507	DATE/TIME/PERIOD <u>Description</u> Date and/or time, or period relevant to the specified date/time/period type	M	COMP		MUST USE
2005	DATE OR TIME OR PERIOD FUNCTION CODE QUALIFIER <u>Description</u> Code giving specific meaning to a date, time or period Code 171 = reference date/time	M	AN	1/3	MUST USE
2380	DATE OR TIME PERIOD TEXT <u>Description</u> The value of a date, a date and time, a time or of a period in a specified representation	C	AN	1/35	USED U
2379	DATE / TIME / PERIOD FORMAT QUALIFIER <u>Description</u> Code specifying the representation of a date, time or period Code 102 = CCYYMMDD Code 203 = CCYYMMDDHHMM	C	AN	1/3	USED U

Segment Group 17

POS: 0760	REPEAT: 10
CONDITIONAL	
GROUP: 17	ELEMENTS: N/A

LOOP PATH: Group 10-Group 15

User Option (Usage) USED

Purpose:

Segment Group Summary:

POS	TAG	ELEMENT NAME	STATUS	REP	USAGE
0770	DGS	DANGEROUS GOODS	M	1	MUST USE
0790	FTX	FREE TEXT	C	5	USED

DGS DANGEROUS GOODS

POS: 0770	MAX: 1
MANDATORY	
GROUP: 17	ELEMENTS: 2

LOOP PATH: Group 10-Group 15-Group 17

User Option (Usage) MUST USE

Purpose: To identify dangerous goods

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
8273	DANGEORUS GOODS REGULATIONS, CODED <u>Description</u> means of transport dangerous goods on road (ADR) Code IMD = IMO IMDG code Code RID = railroad dangerous goods book (RID)	C	AN	1/3	USED
C234	UNDG INFORMATION <u>Description</u> Information on United Nations Dangerous Goods classification	C	COMP		USED
7124	UNDG NUMBER <u>Description</u> Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried	C C	N	4/4	USED

FTX

FREE TEXT

POS: 0790	MAX: 5
CONDITIONAL	
GROUP: 17	ELEMENTS: 2

LOOP PATH: Group 10-Group 15-Group 17

User Option (Usage) USED

Purpose: To provide free form or coded text information

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
4451	TEXT SUBJECT QUALIFIER <u>Description</u> Code specifying subject of a free text Code AAD = dangerous goods, technical name	M	AN	1/3	MUST USE
C108	TEXT LITERAL <u>Description</u> Free text; one to five lines	C	COMP		USED
4440	FREE TEXT <u>Description</u> Free text field available to the message sender for information	M	AN	1/70	MUST USE
4440	FREE TEXT <u>Description</u> Free text field available to the message sender for information	C	AN	1/70	USED
4440	FREE TEXT <u>Description</u> Free text field available to the message sender for information	C	AN	1/70	USED
4440	FREE TEXT <u>Description</u> Free text field available to the message sender for information	C	AN	1/70	USED
4440	FREE TEXT <u>Description</u> Free text field available to the message sender for information	C	AN	1/70	USED

UNT MESSAGE TRAILER

POS: 1040	MAX: 1
MANDATORY	
GROUP: N/A	ELEMENTS: 2

User Option (Usage) MUST USE

Purpose: To end and check the completeness of a message

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
0074	NUMBER OF SEGMENTS IN A MESSAGE	M	N	1/6	MUST USE
	<u>Description</u> Control count of number of segments in a message.				
0062	MESSAGE REFERENCE NUMBER	M	AN	1/14	MUST USE
	<u>Description</u> Unique message reference assigned by the sender				

UNZ INTERCHANGE TRAILER

POS:	MAX: 1
MANDATORY	
GROUP: N/A	ELEMENTS: 2

User Option (Usage) MUST USE

Purpose: To end and check the completeness of an message

Element Summary:

TAG	ELEMENT NAME	STATUS	TYPE	MIN/MAX	USAGE
0036	INTERCHANGE CONTROL COUNT <u>Description</u> functional groups in an interchange.	M	N	1/6	MUST USE
0020	Interchange control reference <u>Description</u> Unique message reference assigned by the sender	M	AN	1/14	MUST USE

Example Message:

UNA:+.? '
UNB+UNOA:2+SENDER1:AB+RECEIVER2:CD+180807:2214+00000102030405++DIRECTDESADV'
UNH+1+DESADV:D:97A:UN'
BGM+351+12345678+9'
DTM+132:201808071514:203'
DTM+137:201808072214:203'
DTM+11:201808071514:203'
MEA+AAX+N+LB:1010'
MEA+AAX+G+LB:1020'
MEA+AAX+SQ+C62:10'
RFF+MB:0102030405'
NAD+SU+112233::92'
NAD+SF+012::92'
NAD+ST+AB12::92'
LOC+11+BCD'
NAD+MI'
TDT+25++C++CARR::182'
EQD+TE+0102030405'
CPS+1++3'
PAC+1++ABCD001::92'
QTY+52:4:PCE'
PCI+16'
GIN+ML+123456003'
PAC+1++PAL1234::92'

CPS+2++1'
PAC+1++INP4321::92'
PCI+16'
GIN+ML+123456001'
LIN+++84466977123:IN'
PIA+1+000000000012304506:SA'
QTY+12:4:PCE'
ALI+DE'
RFF+ON:55443322'
DTM+171:20180826:102'
CPS+3++1'
PAC+1++INP4321::92'
PCI+16'
GIN+ML+123456002'
LIN+++84466977123:IN'
PIA+1+000000000012304506:SA'
QTY+12:4:PCE'
ALI+DE'
RFF+ON:55443322'
DTM+171:20180826:102'
UNT+43+1'
UNZ+1+00000102030405'