



Message Implementation Guideline DESADV - Despatch Advice PHARMA Initiative Austria EANCOM 2002 (Syntax 3) Version 1.3

Message Type: DESADV
Message Version: 007 (EANCOM)
Responsible Agency: GS1 Austria
Directory Name: EDIFACT
Directory Version: D.01.B

Changes to Version 1.0:

Segment group/Segment	Data element	Old value	New Value	Remarks
LIN	C212	R	D	Status of Data element group C212 changed from "R" to "D"

Changes to Version 1.1:

Segment group/Segment	Data element	Old value	New Value	Remarks
SG18 / RFF	1154	A/N 35	A/N 16	Data field length of order number on position (SG18/RFF/DE 1154) from A/N 35 to A/N 16 corrected .

Changes to Version 1.2:

Segment group/Segment	Data element	Old value	New Value	Remarks
SG17 / LIN-PIA- IMDQTY-MOA-SG18- SG22-SG25		M	C	The SG17 group changed to „C”.

Definition

This message was defined and agreed of the **PHARMA-Austria** community!

Despatch Advice is a message specifying details for goods despatched or ready for despatch under agreed conditions.

Principles

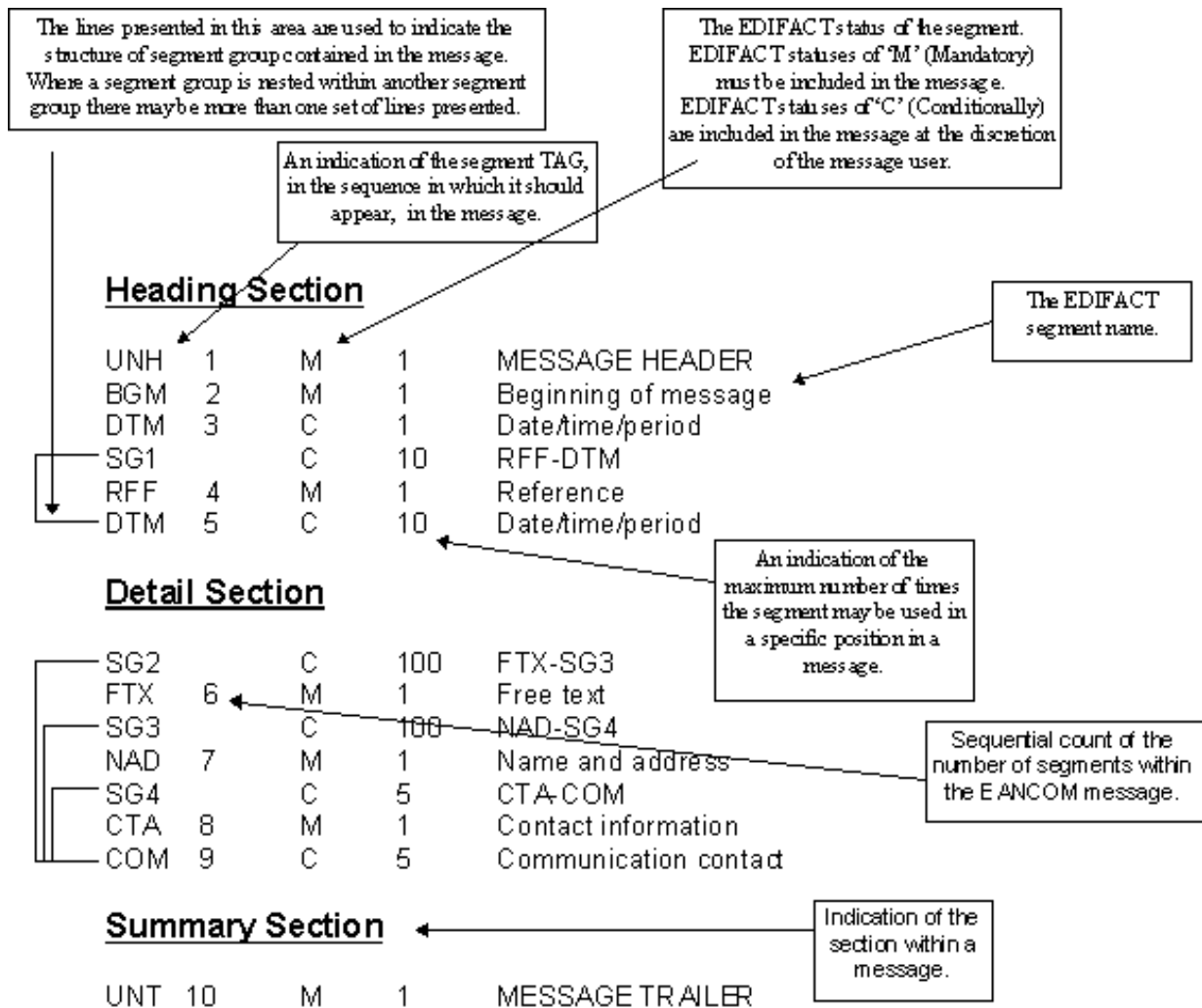
The message is used to indicate the despatch of goods being delivered.

The recommended business practice is that **one** Purchase Order leads to **one** delivery and to **one** invoice!

Message structure chart

Within every EANCOM® message a diagram is presented which explains the structure of the message.

The message structure chart is a sequential chart which presents the message in the sequence in which it must be formatted for transmission. Every message is structured and consists of three sections; a header, detail, and summary section. An example of a message structure chart follows:



Segments Layout

This section describes each segment used in the EANCOM Purchase Order message. The original EDIFACT segment layout is listed. The appropriate comments relevant to the EANCOM subset are indicated.

Notes:

1. The segments are presented in the sequence in which they appear in the message. The segment or segment group tag is followed by the (M)andatory / (C)onditional indicator, the maximum number of occurrences and the segment description.
2. Reading from left to right, in column one, the data element tags and descriptions are shown, followed by in the third column the EDIFACT status (M or C), the field format, and the picture of the data elements. These first pieces of information constitute the original EDIFACT segment layout.

Following the EDIFACT information, EANCOM specific information is provided in the fourth, fifth and sixth columns. In the fourth column a status indicator for the use of (C)onditional EDIFACT data elements (see 2.1 through 2.3 below), in the

fifth column the restricted indicator (see point 3 on the following page), and in the sixth column notes and code values used for specific data elements in the message.

2.1 **(M)**andatory data elements in EDIFACT segments retain their status in EANCOM.

2.2 Additionally, there are five types of status for data elements with a **(C)**onditional EDIFACT status, whether for simple, component or composite data elements. These are listed below and can be identified when relevant by the following abbreviations:

- **REQUIRED** **R** Indicates that the entity is required and must be sent.
- **ADVISED** **A** Indicates that the entity is advised or recommended.
- **DEPENDENT** **D** Indicates that the entity must be sent in certain conditions, as defined by the relevant explanatory note.
- **OPTIONAL** **O** Indicates that the entity is optional and may be sent at the discretion of the user.
- **NOT USED** **N** Indicates that the entity is not used and should be omitted.

2.3 If a composite is flagged as **N, NOT USED**, all data elements within that composite will have blank status indicators assigned to them.

3. Status indicators detailed in the fifth column which directly relate to the code values detailed in the first column may have two values:

- **RESTRICTED** * A data element marked with an asterix (*) in the fifth column is (are) the only codes available for use with this data element, in this segment, in this message.
- **OPEN** All data elements where coded representation of data is possible and a restricted set of code values is not indicated are open (no asterix in fourth column). The available codes are listed in the EANCOM Data Elements and Code Sets Directory. Code values may be given as examples or there may be a note on the format or type of code to be used.

Message structure

Despatch advice message

UNA	1	M	1	Service string advice
UNB	2	M	1	Interchange header
UNH	3	M	1	Message header
BGM	4	M	1	Beginning of message
DTM	5	M	2	Date/time/period
SG1		M	3	RFF-DTM
RFF	6	M	1	Reference
DTM	7	C	1	Date/time/period
SG2		M	5	NAD-SG4
NAD	8	M	1	Name and address
SG4		C	1	CTA-COM
CTA	9	M	1	Contact information
COM	10	C	2	Communication contact
SG10		M	9999	CPS-SG11-SG17
CPS	11	M	1	Consignment packing sequence
SG11		C	9999	PAC-MEA-SG12-SG13
PAC	12	M	1	Package
MEA	13	C	4	Measurements
SG12		C	1	HAN
HAN	14	M	1	Handling instructions
SG13		C	1	PCI-SG15
PCI	15	M	1	Package identification
SG15		M	1	GIN
GIN	16	M	1	Goods identity number
SG17		C	9999	LIN-PIA-IMD-QTY-MOA-SG18-SG22-SG25
LIN	17	M	1	Line item
PIA	18	C	2	Additional product id
IMD	19	C	1	Item description
QTY	20	M	2	Quantity
MOA	21	C	1	Monetary amount
SG18		C	99	RFF-DTM
RFF	22	M	1	Reference
DTM	23	C	1	Date/time/period
SG22		C	5	PCI-DTM-MEA-SG23-SG24
PCI	24	M	1	Batch number
DTM	25	C	1	Date/time/period
MEA	26	C	5	Measurements
SG23		C	1	GIN
GIN	27	M	1	Goods identity number
SG24		C	10	HAN
HAN	28	M	1	Handling instructions
SG25		C	10	QVR-DTM
QVR	29	M	1	Quantity variances
DTM	30	C	1	Date/time/period

Message structure

UNT	31	M	1	Message trailer
UNZ	32	M	1	Interchange trailer

BUSINESS TERMS

Business term	Description	Status	Format	Segment		Data element		
Message type		M	A/N 3	BGM	C002	1001	Document name code	
Number of the DESADV		M	A/N 16	BGM	C106	1004	Document identifier	
Message date		M	D 8	DTM	C507	2380	Date or time or period value	
Delivery date and time		O	D 8	DTM	C507	2380	Date or time or period value	
Pick-up/collection date/time of cargo		O	D 8	DTM	C507	2380	Date or time or period value	
Delivery date/time, latest		O	D 8	DTM	C507	2380	Date or time or period value	
Order number	Order number assigned by the buyer	M	A/N 16	SG1	RFF	C506	1154	Reference identifier
Order number (supplier)	Reference number assigned by supplier to a buyer's order	O	A/N 16	SG1	RFF	C506	1154	Reference identifier
Delivery note number	Identification of the (paper) delivery note	O*)	A/N 16	SG1	RFF	C506	1154	Reference identifier
Reference date		O	D 8	SG1	DTM	C507	2380	Date or time or period value
Buyer	GLN	M	N 13	SG2	NAD	C082	3039	Party identifier
Supplier	GLN	M	N 13	SG2	NAD	C082	3039	Party identifier
Delivery party	GLN, only if different from buyer	O	N 13	SG2	NAD	C082	3039	Party identifier
Issuer of invoice	GLN,	O	N 13	SG2	NAD	C082	3039	Party identifier
Invoicee	GLN, only if different from buyer	O	N 13	SG2	NAD	C082	3039	Party identifier
Name of the delivery party	only if no GLN is available	O	A/N 10	SG2	NAD	C080	3036	Party name

BUSINESS TERMS

Business term	Description	Status	Format	Segment		Data element		
Street of delivery party	only if no GLN is available	O	A/N 35	SG2	NAD	C059	3042	Street and number or post office b
Place of delivery party	only if no GLN is available	O	A/N 35	SG2	NAD		3164	City name
Postal identification code of the delivery party	only if no GLN is available	O	A/N 17	SG2	NAD		3251	Postal identification code
Country name code of the delivery party	only if no GLN is available	O	A/N 3	SG2	NAD		3207	Country name code
Delivery contact	Name on side of the supplier	O	A/35	SG4	CTA	C056	3412	Department or employee name
Communication address identifier	E-Mail and/ or phone number	O	A/N 51	SG4	COM	C076	3148	Communication address identifier
Package quantity per consignment	Pallet, Container	O	N 15	SG11	PAC		7224	Package quantity
Package quantity per despatch unit		O	N 8	SG11	PAC		7224	Package quantity
Package type	EDIFACT-Codes	O	A/N 3	SG11	PAC	C202	7065	Package type description code
Consignment gross volume	in m3	O	N 15+3	SG11	MEA	C174	6314	Measurement value
Consignment total gross weight	in kg	O	N 15+3	SG11	MEA	C174	6314	Measurement value
Length of the despatch unit	in mm	O	N 15+3	SG11	MEA	C174	6314	Measurement value
Width of the despatch unit	in mm	O	N 15+3	SG11	MEA	C174	6314	Measurement value

BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
Height of the despatch unit	in mm	O	N 15+3	SG11 MEA	C174 6314 Measurement value
Weight of the despatch unit	in kg	O	N 15+3	SG11 MEA	C174 6314 Measurement value
Handling instructions		O	A/N 3	SG12 HAN	C524 4079 Handling instruction description co
SSCC	Serial shipping container code	M	N 18	SG15 GIN	C208 7402 Object identifier
EAN / UPC Code	GTIN	O	N 14	SG15 GIN	C208 7402 Object identifier
Article	EAN -see segment description	M*	N 14	SG17 LIN	C212 7140 Item identifier
PZN (Austria Pharmacy Central Number)	see segment description	M*	A/N 35	SG17 PIA	C212 7140 Item identifier
Internal number of the supplier		O	A/N 35	SG17 PIA	C212 7140 Item identifier
Free-form long description		O	A/N 70	SG17 IMD	C273 7008 Item description
Despatch quantity		M	N 7+3	SG17 QTY	C186 6060 Quantity
Free goods quantity	Delivery volume without billing based on EAN	O	N 7+3	SG17 QTY	C186 6060 Quantity
Calculation basis excluding all taxes (EAN Code)		O	N 7+4	SG17 MOA	C516 5004 Monetary amount
Order number (buyer)		O	A/N 16	SG18 RFF	C506 1154 Reference identifier
Order date	Date of ordering	O	D 8	SG18 DTM	C507 2380 Date or time or period value

BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
Best before date	as dated	O	D 8	SG22 DTM	C507 2380 Date or time or period value
Expiry date	as dated	O	D 8	SG22 DTM	C507 2380 Date or time or period value
Measurements and weights	e.g. Physical size of the article	O	A/N 3	SG22 MEA	6311 Measurement purpose code qualifi
Batch number		O	A/N 35	SG23 GIN	C208 7402 Object identifier
Handling instructions	Poison or Dangerous article	O	A/N 3	SG24 HAN	C524 4079 Handling instruction description co
Quantity difference information	Shipment: partial- back order to follow, no backorder	O	N 7+3	SG25 QVR	C279
Discrepancy-type	Shipment: partial- back order to follow, no backorder	O	A/N 3	SG25 QVR	4221 Discrepancy nature identification c
Reason for change	coded	O	A/N 3	SG25 QVR	C960
Reason for variance	= adapted to code list	M	A/N 3	SG25 QVR	C960 4295 Change reason description code
The availability date	Date information for non-deliverable quantity	O	D 8	SG25 DTM	C507 2380 Date or time or period value

UNA - M					1 - Service string advice
Function :					To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows.
Segment number :					1
Data element group/Data element	EDIFACT	ANW	*	Description	
UNA1 Component data element separator	M an1	M	*	Used as a separator between component data elements contained within a composite data element (default value: ":")	
UNA2 Data element separator	M an1	M	*	Used as a separator between two simple or composite data elements (default value: "+")	
UNA3 Decimal notation	M an1	M	*	Used to indicate the character used for decimal notation (default value: ".")	
UNA4 Release indicator	M an1	M	*	Used to restore separator and terminator signs to their normal meaning (value: "?")	
UNA5 Reserved for future use	M an1	M	*	Default value: space	
UNA6 Segment terminator	M an1	M	*	Used to indicate the end of a segment (default value: " ' ")	
<u>Segment notes</u>					
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.					
When using the default set of service characters, the UNA segment need not be sent. If it is sent, it must immediately precede the UNB segment and contain the four service string characters (positions UNA1, UNA2, UNA4 and UNA6) selected by the interchange sender.					
Regardless of whether or not all of the service string characters are being changed every data element within this segment must be filled, (i.e. if some default values are being used together with user-defined values then both the default and the user-defined values must be specified).					
When expressing the service string characters in the UNA segment, it is not necessary to include any element separators.					
The use of the UNA segment is required when a character set other than level A is being used.					
Example: UNA:+.? '					

UNB - M					1 - Interchange header				
Function :					To start, identify and specify an interchange.				
Segment number :					2				
Data element group/Data element		EDIFACT	ANW	*	Description				
S001	Syntax identifier	M	M						
0001	Syntax identifier	M a4	M	*	UNOC = UN/ECE level C				
0002	Syntax version number	M n1	M	*	3 = Version 3				
S002	Interchange sender	M	M						
0004	Sender identification	M an..35	M		GLN (n13)				
0007	Partner identification code qualifier	C an..4	R	*	14 = EAN International				
0008	Address for reverse routing	C an..14	N						
S003	Interchange recipient	M	M						
0010	Recipient identification	M an..35	M		GLN (n13)				
0007	Partner identification code qualifier	C an..4	R	*	14 = EAN International.				
0014	Routing address	C an..14	N						
S004	Date/time of preparation	M	M						
0017	Date of preparation	M n6	M		YYMMDD				
0019	Time of preparation	M n4	M		HHMM				
0020	Interchange control reference	M an..14	M		Unique reference identifying the interchange. Created by the interchange sender.				
S005	Recipient's reference, password	C	O						
0022	Recipient's reference/ password	M an..14	M						
0025	Recipient's reference/ password qualifier	C an2	O						
0026	Application reference	C an..14	O		Message identification if the interchange contains only one type of message.				
0029	Processing priority code	C a1	O		A = Highest priority				
0031	Acknowledgement request	C n1	O						
0032	Communications agreement ID	C an..35	O						
0035	Test indicator	C n1	O		1 = Interchange is a test				
<u>Segment notes</u>									
The UNB segment is used to envelope the interchange and also to identify the party for whom the interchange is intended and the party who has sent the interchange. The principle of the UNB segment is the same as a physical envelope which covers one or more letters or documents and which details the address where delivery is to take place and the address from where the envelope has come.									

DE 0001: The recommended (default) character set for use in EANCOM® for international exchanges is character set C (UNOC). Should users wish to use character sets other than C, an agreement on which set to use should be reached on a bilateral basis before communications begin.

DE 0004 and 0010: Within EANCOM® the Global Location Number (GLN) is recommended for the identification of the interchange sender and recipient.

DE 0008: The address for reverse routing is provided by the interchange sender to inform the interchange recipient of the address within the sender's system to which responding interchanges must be sent. It is recommended that the GLN be used for this purpose.

DE 0014: The address for routing, formerly provided by the interchange recipient, is used by the interchange sender to inform the recipient of the internal address within the recipient's system, to which the interchange should be routed. It is recommended that the GLN be used for this purpose.

DEG S004: The date and time at which the sender prepared the interchange. This date and time may not necessarily be the same as the date and time of contained messages.

DE 0020: The interchange control reference number is generated by the interchange sender and is used to identify uniquely each interchange. Should the sender wish to re-use interchange control reference numbers, it is recommended that each number is held for a period of at least three months before being re-used. In order to guarantee uniqueness, the interchange control reference number should always be linked to the sender's identification (DE 0004).

DEG S005: Any use of passwords must first be agreed bilaterally by the parties to the exchange.

DE 0026: This data element is used to identify the application on the recipient's system to which the interchange is directed. This data element may be used if, and only if, the interchange contains only one type of message, e.g. invoices. The reference used in this data element is assigned by the interchange sender.

DE 0031: This data element is used to indicate whether an acknowledgement to the interchange is required or not. The EANCOM® APERAK or CONTRL message should be used to provide acknowledgement of interchange receipt. In addition the EANCOM® CONTRL message may be used to indicate when an interchange has been rejected due to syntactical errors.

DE 0032: This data element is used to identify any underlying agreements which control the exchange of data. Within EANCOM the identity of such agreements must start with the letters 'EANCOM' with the remaining characters within the data element filled according to bilateral agreements.

Example:

UNB+UNOC:3+5412345678908:14+8798765432106:14+020102:1000+1234555++++EANCOMREF 52'

UNH - M 1 - Message header				
Function : To head, identify and specify a message.				
Segment number : 3				
Data element group/Data element	EDIFACT	ANW	*	Description
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 exactly the same. Sender generated.
S009 Message identifier	M	M		
0065 Message type	M an..6	M	*	DESADV = Despatch advice message
0052 Message version number	M an..3	M	*	D = Draft version/UN/EDIFACT Directory
0054 Message release number	M an..3	M	*	01B = Release 2001 - B
0051 Controlling agency	M an..2	M	*	UN = UN/CEFACT
0057 Association assigned code	C an..6	R	*	EAN007 = EAN version control number (EAN Code)
0068 Common access reference	C an..35	N		
S010 Status of the transfer	C	N		
0070 Sequence of transfers	M n..2			
0073 First and last transfer	C a1			
<u>Segment notes</u>				
Example: UNH+ME000001+DESADV:D:01B:UN:EAN007'				

BGM - M					1 - Beginning of message				
Function :					To indicate the type and function of a message and to transmit the identifying number.				
Segment number :					4				
Data element group/Data element		EDIFACT	ANW	*	Description				
C002	Document/message name	C	R						
1001	Document name code	C an..3	R	*	351 = Despatch advice				
1131	Code list identification code	C an..17	N						
3055	Code list responsible agency code	C an..3	N						
1000	Document name	C an..35	N						
C106	Document/message identification	C	R						
1004	Document identifier	C an..35	R		Despatch Advice number assigned by the document sender.				
1056	Version identifier	C an..9	N						
1060	Revision identifier	C an..6	N						
1225	Message function code	C an..3	R	*	9 = Original				
4343	Response type code	C an..3	N						
<u>Segment notes</u>									
- Message type - Despatch advice (DE1001 = 351); Mandatory; A/N 3									
- Despatch Advice number (DE1004); Mandatory; A/N 16									
BGM+351+8090+9'									
DE1004: This data element is used to transmit the number of the Despatch advice (DESADV). AG Pharma EDI recommends using the same number for the Despatch Advice (DESADV) and the Delivery note (on paper). If the number of the delivery note is different from the number of the DESADV the delivery note number should be communicated in the RFF-Segment (DE1153 = DQ). If the numbers are the same both DE 1004 and RFF - Segment should be filled out (with same number).									

DTM - M 2- Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 5				
Data element group/Data element	EDIFACT	ANW	*	Description
C507 Date/time/period	M	M		
2005 Date or time or period function code qualifier	M an..3	M	*	137 = Document/message date/time 17 = Delivery date/time, estimated 63 = Delivery date/time, latest 200 = Pick-up/collection date/time of cargo
2380 Date or time or period value	C an..35	R		
2379 Date or time or period format code	C an..3	R	*	102 = CCYYMMDD
<u>Segment notes</u>				
- Message date (DE2005 = 137); Mandatory; D 8 DTM+137:20060522:102'				
- Delivery date (DE2005 = 17); Mandatory (*); D 8 DTM+17:20060525:102'				
- Delivery date/time, latest (DE2005 = 63); Mandatory (*); D 8 DTM+63:20060529:102'				
-Pick-up/collection date/time of cargo (DE2005=200); Mandatory (*); D 8 DTM+200:20120101:102'				
REMARK:				
(*) One of these fields must be set.				

SG1 - M		3 - RFF-DTM			
RFF - M		1 - Reference			
Function :		To specify a reference.			
Segment number :		6			
Data element group/Data element	EDIFACT	ANW	*	Description	
C506 Reference	M	M			
1153 Reference code qualifier	M an..3	M	*	ON = Order number VN = Order number (supplier) DQ = Delivery note number	
1154 Reference identifier	C an..70	R			
1156 Document line identifier	C an..6	N			
4000 Reference version identifier	C an..35	N			
1060 Revision identifier	C an..6				
<u>Segment notes</u>					
- Order number (DE1153 = ON); Mandatory; A/N 16 RFF+ON:234'					
- Order number (supplier) (DE1153 = VN); Optional; A/N 16 RFF+VN:6576'					
- Delivery note number (DE1153 = DQ); Optional *); A/N 16 *) (see notes BGM-Segment) RFF+DQ:987'					

SG1 - M		3 - RFF-DTM			
DTM - C		1 - Date/time/period			
Function :		To specify date, and/or time, or period.			
Segment number :		7			
Data element group/Data element	EDIFACT	ANW	*	Description	
C507 Date/time/period	M	M			
2005 Date or time or period function code qualifier	M an..3	M	*	171 = Reference date/time	
2380 Date or time or period value	C an..35	R			
2379 Date or time or period format code	C an..3	R	*	102 = CCYYMMDD	
<u>Segment notes</u>					
- Reference date (DE2005 = 171); Optional; D 8 DTM+171:20060520:102'					

SG2 - M		5 - NAD-SG4			
NAD - M		1 - Name and address			
Function :		To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.			
Segment number :		8			
Data element group/Data element	EDIFACT	ANW	*	Description	
3035 Party function code qualifier	M an..3	M	*	BY = Buyer SU = Supplier DP = Delivery party II = Issuer of invoice IV = Invoicee	
C082 Party identification details	C	D			
3039 Party identifier	M an..35	M		GLN - Format n13	
1131 Code list identification code	C an..17	N			
3055 Code list responsible agency code	C an..3	R	*	9 = EAN (International Article Numbering Association)	
C058 Name and address	C	N			
3124 Name and address description	M an..35				
3124 Name and address description	C an..35				
3124 Name and address description	C an..35				
3124 Name and address description	C an..35				
3124 Name and address description	C an..35				
C080 Party name	C	D			
3036 Party name	M an..35	M		Name of the delivery party	
3036 Party name	C an..35	O			
3036 Party name	C an..35	O			
3036 Party name	C an..35	N			
3036 Party name	C an..35	N			
3045 Party name format code	C an..3	N			
C059 Street	C	D			
3042 Street and number or post office box identifier	M an..35	M		Street of delivery party	
3042 Street and number or post office box identifier	C an..35	N			
3042 Street and number or post office box identifier	C an..35	N			
3042 Street and number or post office box identifier	C an..35	N			

Data element group/Data element	EDIFACT	ANW	*	Description
3164 City name	C an..35	D		Place of delivery party
C819 Country sub-entity details	C	N		
3229 Country sub-entity name code	C an..9			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
3228 Country sub-entity name	C an..70			
3251 Postal identification code	C an..17	D		Postal identification code of the delivery party
3207 Country name code	C an..3	D		Country name code of the delivery party
<u>Segment notes</u>				
- Buyer (DE3035 = BY); Mandatory; N 13 NAD+BY+901234500004::9'				
- Supplier (DE3035 = SU); Mandatory; N 13 NAD+SU+9012345000011::9'				
- Delivery party (DE3035 = DP); Optional; N 13 NAD+DP+9012345000028::9'				
- Invoicee (DE3035 = IV); Optional; N 13 NAD+IV+9012345000059::9'				
- Issuer of invoice (DE3035 = II); Optional, N13 NAD+II+9012345000123::9'				
For identification of parties the GLN (Global Location Number) is used primarily. Specifying a free text is only for the delivery party (DP) if no GLN is available. NAD+DP+++EDI-LAND:Herr Laufen:Garage+Bussardweg 5+Wien++1120+AT'				

SG2 - M	5 - NAD-SG4			
SG4 - C	1 - CTA-COM			
CTA - M	1 - Contact information			
Function :	To identify a person or a department to whom communication should be directed.			
Segment number :	9			
Data element group/Data element	EDIFACT	ANW	*	Description
3139 Contact function code	C an..3	M	*	DL = Delivery contact
C056 Department or employee details	C	M		
3413 Department or employee name code	C an..17	N		
3412 Department or employee name	C an..35	M		
<u>Segment notes</u>				
-Function of contact person (DE3139 = DL); Optional; A/N 35 CTA+DL+:MAX MUSTERMANN'				
The CTA segment can only be used in conjunction with the supplier (NAD + SU) segment.				

SG2 - M	5 - NAD-SG4			
SG4 - C	1 - CTA-COM			
COM - C	2- Communication contact			
Function :	To identify a communication number of a department or a person to whom communication should be directed.			
Segment number :	10			
Data element group/Data element	EDIFACT	ANW	*	Description
C076 Communication contact	M	M		
3148 Communication address identifier	M an..512	M		
3155 Communication address code qualifier	M an..3	M	*	EM = Electronic mail TE = Telephone
<u>Segment notes</u>				
This segment is used to provide communications number, and the communications type of the clerk, or the department stated in the CTA segment				
Example: COM+003222271020:TE' COM+EINKAUF@TESTFIRMA.AT:EM'				

SG10 - M 9999 - CPS-SG11-SG17				
CPS - M 1 - Consignment packing sequence				
Function : To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.				
Segment number : 11				
Data element group/Data element	EDIFACT	ANW	*	Description
7164 Hierarchical structure level identifier	M an..35	M		Sequential numbering requested.
7166 Hierarchical structure parent identifier	C an..35	D		
7075 Packaging level code	C an..3	N		
<u>Segment notes</u> The CPS-Segment serves as a trigger for the detail section. It identifies here the whole consignment. This segment is followed by a PAC-Segment which contains information about package quantity and type. In the following Segments (CPS-Segments) each packaging unit is described in detail (as sub-lines). See also the example at the end of this document. Example: CPS+1'				

SG10 - M	9999 - CPS-SG11-SG17			
SG11 - C	9999 - PAC-MEA-SG12-SG13			
PAC - M	1 - Package			
Function :	To describe the number and type of packages/physical units.			
Segment number :	12			
Data element group/Data element	EDIFACT	ANW	*	Description
7224 Package quantity	C n..8	R		
C531 Packaging details	C	N		
7075 Packaging level code	C an..3			
7233 Packaging related description code	C an..3			
7073 Packaging terms and conditions code	C an..3			
C202 Package type	C	M		
7065 Package type description code	C an..17	M		200 = Pallet ISO 0 - 1/2 EURO Pallet (EAN Code) 201 = Pallet ISO 1 - 1/1 EURO Pallet (EAN Code) PK = Package
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	D		9 = EAN (International Article Numbering Association)
7064 Type of packages	C an..35	N		
C402 Package type identification	C	N		
7077 Description format code	M an..3			
7064 Type of packages	M an..35			
7143 Item type identification code	C an..3			
7064 Type of packages	C an..35			
7143 Item type identification code	C an..3			
C532 Returnable package details	C	N		
8395 Returnable package freight payment responsibility code	C an..3			
8393 Returnable package load contents code	C an..3			
<u>Segment notes</u>				
On whole consignment level:				
- Package quantity - whole consignment (DE7224); Optional; N15				
- Package type - whole consignment (DE7065); Optional; A/N 3				
If on the next hierarchy level there is a description of e.g. 5 SSCC then the following PAC-description on whole consignment level is required:				
PAC+5++PK'				

On despatch unit level:

- Package quantity/type (current despatch unit)

PAC+1++201::9'

- Number of packages per despatch unit (DE7224); Optional; N 15

PAC+20++PK'

DE7065: for further codes see the code list

DE3055: is to be used when DE 7065 contains EAN-code

SG10 - M	9999 - CPS-SG11-SG17			
SG11 - C	9999 - PAC-MEA-SG12-SG13			
MEA - C	4- Measurements			
Function :	To specify physical measurements, including dimension tolerances, weights and counts.			
Segment number :	13			
Data element group/Data element	EDIFACT	ANW	*	Description
6311 Measurement purpose code qualifier	M an..3	M	*	PD = Physical dimensions (product ordered)
C502 Measurement details	C	R		
6313 Measured attribute code	C an..3	R	*	AAD = Total gross weight AAW = Gross volume LN = Length dimension WD = Width dimension HT = Height dimension AAB = Unit gross weight
6321 Measurement significance code	C an..3	N		
6155 Non-discrete measurement name code	C an..17	N		
6154 Non-discrete measurement name	C an..70	N		
C174 Value/range	C	R		
6411 Measurement unit code	M an..3	R		KGM = Kilogram MTQ = Cubic metre MMT = Millimetre
6314 Measurement value	C an..18	R		
6162 Range minimum value	C n..18	N		
6152 Range maximum value	C n..18	N		
6432 Significant digits quantity	C n..2	N		
7383 Surface or layer code	C an..3	N		
<u>Segment notes</u>				
On whole consignment level:				
- Gross volume (DE6313 = AAW); Optional; N 15+3 MEA+PD+AAW+MTQ:15'				
- Total gross weight (DE6313 = AAD); Optional; N 15+3 MEA+PD+AAD+KGM:150'				
On despatch unit level:				
- Despatch unit length (DE6313 = LN); Optional; N 15+3 MEA+PD+LN+MMT:1200'				
- Despatch unit width (DE6313 = WD); Optional; N 15+3 MEA+PD+WD+MMT:800'				

- Despatch unit height (DE6313 = HT); Optional; N 15+3
MEA+PD+HT+MMT:1000'

- Despatch unit weight (DE6313 = AAB); Optional; N 15+3
MEA+PD+AAB+KGM:200'

SG10 - M	9999 - CPS-SG11-SG17			
SG11 - C	9999 - PAC-MEA-SG12-SG13			
SG12 - C	1 - HAN			
HAN - M	1 - Handling instructions			
Function :	To specify handling and where necessary, notify hazards.			
Segment number :	14			
Data element group/Data element	EDIFACT	ANW	*	Description
C524 Handling instructions	C	R		
4079 Handling instruction description code	C an..3	R		3 = Stacked CRU = Crushable (EAN Code) FTD = Frost danger (EAN Code)
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	D	*	9 = EAN (International Article Numbering Association)
4078 Handling instruction description	C an..70	N		
C218 Hazardous material	C	N		
7419 Hazardous material category name code	C an..7			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
7418 Hazardous material category name	C an..35			
<u>Segment notes</u>				
On despatch unit level: - Handling instructions (DE4079); Optional; A/N 3 HAN+CRU::9'				
DE4079: for further codes see the code list DE3055: to be used when DE 4079 contains EAN-code				

SG10 - M	9999 - CPS-SG11-SG17			
SG11 - C	9999 - PAC-MEA-SG12-SG13			
SG13 - C	1 - PCI-SG15			
PCI - M	1 - Package identification			
Function :	To specify markings and labels on individual packages or physical units.			
Segment number :	15			
Data element group/Data element	EDIFACT	ANW	*	Description
4233 Marking instructions code	C an..3	R	*	33E = Marked with serial shipping container code (EAN Code) 34E = Marked with EAN/UPC number (EAN Code)
C210 Marks & labels	C	N		
7102 Shipping marks description	M an..35			
7102 Shipping marks description	C an..35			
7102 Shipping marks description	C an..35			
7102 Shipping marks description	C an..35			
7102 Shipping marks description	C an..35			
7102 Shipping marks description	C an..35			
7102 Shipping marks description	C an..35			
7102 Shipping marks description	C an..35			
7102 Shipping marks description	C an..35			
7102 Shipping marks description	C an..35			
8275 Container or package contents indicator code	C an..3	N		
C827 Type of marking	C	N		
7511 Marking type code	M an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
<u>Segment notes</u>				
The PCI segment is the trigger segment for the transmission of the SSCC or EAN / UPC code in the following GIN segment.				
Example: PCI+33E'				

SG10 - M	9999 - CPS-SG11-SG17			
SG11 - C	9999 - PAC-MEA-SG12-SG13			
SG13 - C	1 - PCI-SG15			
SG15 - M	1 - GIN			
GIN - M	1 - Goods identity number			
Function :	To give specific identification numbers, either as single numbers or ranges.			
Segment number :	16			
Data element group/Data element	EDIFACT	ANW	*	Description
7405 Object identification code qualifier	M an..3	M	*	BJ = Serial shipping container code SRV = EAN.UCC Global Trade Item Number (EAN Code)
C208 Identity number range	M	M		
7402 Object identifier	M an..35	M		
7402 Object identifier	C an..35	N		
C208 Identity number range	C	N		
7402 Object identifier	M an..35			
7402 Object identifier	C an..35			
C208 Identity number range	C	N		
7402 Object identifier	M an..35			
7402 Object identifier	C an..35			
C208 Identity number range	C	N		
7402 Object identifier	M an..35			
7402 Object identifier	C an..35			
C208 Identity number range	C	N		
7402 Object identifier	M an..35			
7402 Object identifier	C an..35			
<u>Segment notes</u>				
On despatch unit level:				
- SSCC; Mandatory; N 18 GIN+BJ+390123450000000001'				
-Type of barcode distinction, N 14 GIN+SRV+9012345000001'				

SG10 - M 9999 - CPS-SG11-SG17
 SG17 - C 9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22-SG25

LIN - M 1 - Line item

Function : To identify a line item and configuration.
 Segment number : 17

Data element group/Data element	EDIFACT	ANW	*	Description
1082 Line item identifier	C an..6	R		Application generated number of the item lines within the Despatch Advice. The number must be unique and ascending within the message.
1229 Action request/notification description code	C an..3	N		
C212 Item number identification	C	D		
7140 Item identifier	C an..35	R		Format n..14, EAN/GTIN - this is the number of the article being EAN/UCC-8 EAN/UCC-13 EAN/UCC-14 UCC-12
7143 Item type identification code	C an..3	R	*	SRV= EAN.UCC Global Trade Item Number
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
C829 Sub-line information	C	N		
5495 Sub-line indicator code	C an..3			
1082 Line item identifier	C an..6			
1222 Configuration level number	C n..2	N		
7083 Configuration operation code	C an..3	N		

Segment notes

The LIN segment marks the beginning of the position section in the DESADV.

In identifying the products GTIN is used primarily
 - Article identification by EAN (DE7140); Mandatory *); N 14
 LIN+1+++9054321444441:SRV'
 The field is defined numerically up to 14 digits, only the specified numbering structures are allowed.
 It is transmitted in the data exchange without leading zeros!

*) In case no GTIN has been assigned, the LIN-Segment and the following PIA-Segment (Article identification via an Pharmacy Central Number-PZN) should be represented as follows:
 LIN+1'
 PIA+5+1320706:IN''

SG10 - M	9999 - CPS-SG11-SG17			
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22-SG25			
PIA - C	2- Additional product id			
Function :	To specify additional or substitutional item identification codes.			
Segment number :	18			
Data element group/Data element	EDIFACT	ANW	*	Description
4347 Product identifier code qualifier	M an..3	M	*	1 = Additional identification 5 = Product identification
C212 Item number identification	M	M		
7140 Item identifier	C an..35	R		
7143 Item type identification code	C an..3	R	*	SA =Supplier's article number IN = Buyer's item number (Austria Pharmacy Central Number)
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
C212 Item number identification	C	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
C212 Item number identification	C	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
C212 Item number identification	C	N		
7140 Item identifier	C an..35			

Data element group/Data element	EDIFACT	ANW	*	Description
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
<p><u>Segment notes</u></p> <p>Additional product identification (DE4347=1 and DE7143 = IN); Internal number of the dealer / buyer (Austria PZN); Optional; A/N 35</p> <p>PIA+1+123081:IN'</p> <p>-Additional Product identification (DE4347=1 and DE7143 = SA), Internal number of the supplier; Optional; A/N 35 PIA+1+9438444:SA'</p> <p>- Product identification of the dealer/buyer (Austria PZN) (DE4347=5 and DE7143 = IN), Mandatory*); A/N 35</p> <p>In case no GTIN has been assigned, the LIN-Segment and the following PIA-Segment (Article identification via an Pharmacy Central Number-PZN) should be represented as follows: PIA+5+15555:IN'</p>				

SG10 - M	9999 - CPS-SG11-SG17			
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22-SG25			
IMD - C	1 - Item description			
Function :	To describe an item in either an industry or free format.			
Segment number :	19			
Data element group/Data element	EDIFACT	ANW	*	Description
7077 Description format code	C an..3	R	*	A = Free-form long description
C272 Item characteristic	C	N		
7081 Item characteristic code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
C273 Item description	C	M		
7009 Item description code	C an..17	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
7008 Item description	C an..256	M		
7008 Item description	C an..256	N		
3453 Language name code	C an..3	N		
7383 Surface or layer code	C an..3	N		
<u>Segment notes</u>				
The IMD segment is used when the identification of the articles cannot be exclusively relied on by the GTIN item number.				
Free-form long description (DE7077 =A); Optional; A/N 70 IMD+A+++:::ACTIVELLE 3x28 FTBL'				

SG10 - M	9999 - CPS-SG11-SG17
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22-SG25

QTY - M 2- Quantity

Function : To specify a pertinent quantity.
 Segment number : 20

Data element group/Data element	EDIFACT	ANW	*	Description
C186 Quantity details	M	M		
6063 Quantity type code qualifier	M an..3	M	*	12 = Despatch quantity 192 = Free goods quantity
6060 Quantity	M an..35			
6411 Measurement unit code	C an..3	O		

Segment notes

- Despatch quantity (DE6063 = 12); Mandatory *); N 7+3
 QTY+12:350'
 *) Quantity and quantity-unit according to supplier item master data.

- Free goods quantity (DE6063 = 192); Optional *); N 7+3
 QTY+192:100'

Continuous mapping of an ordered quantity or specification of a discount in kind

ORDERS variant – Order representing only the ordered quantity
 This variant is applied when there is only an ordered quantity without a specified discount in kind to it in the terms of delivery (item master data). Only the ordered quantity is transmitted without any free quantity. It has therefore no additional effects on the subsequent messages /processes because the represented quantity in this case is the quantity which is ordered, delivered and invoiced.

Example: A position of ORDERS representing an order in an EDI message is shown below:
 LIN+1+++9012345000001:SRV'
 PIA+1+123456:IN'
 IMD+A+:::Product name'
 QTY+21:10' (10 Pieces are ordered and invoiced)

ORDERS variant – Order representing an ordered quantity and a discount in kind (free goods quantity)
 In addition to an ordered quantity in the terms of delivery (master data) a discount in kind (for a free goods quantity) is set in this variation.

Example: When there is a designated ordered quantity of 10 pieces then there is also a free goods quantity of 2 pieces. These 12 pieces in total must be specified in the order and in all subsequent messages / processes to ensure the continuity.

The Pharma Austria working group agreed that the specification of a quantity of free goods should be sent in a separate position next to the ordered quantity. This is due to the fact that variations in quantity can be displayed and communicated clearly in the following processes. (e.g. in terms of partial deliveries). However it is necessary to remark that the quantity in the DESADV relates to the quantity delivered. Therefore the free goods are also included in this quantity.

The example below shows a position of an ORDERS representing an order including free goods quantity in an EDI message:

```
LIN+1++9012345000001:SRV'  
PIA+1+123456:IN'  
IMD+A+++::Product name'  
QTY+21:10' (10 Pieces are ordered and invoiced)
```

```
LIN+2++9012345000001:SRV'  
PIA+1+123456:IN'  
IMD+A+++::Product name'  
QTY+192:2' (2 Pieces are ordered and but not invoiced)
```

DESADV variant – delivery quantity and free goods quantity

This consistency is given in all subsequent messages. However, note that the indication of the quantity is not fully reflected in the DESADV / ORDRSP / INVOIC as the ORDERS.

This results as in the following messages the delivered / accepted / billed quantity in the EDI message is represented.

For example, free goods in the DESADV are displayed as follows:

```
LIN+1++9012345000001:SRV'  
PIA+1+123456:IN'  
IMD+A+++::Product name'  
QTY+12:10' (10 Pieces are delivered and invoiced)
```

```
LIN+2++9012345000001:SRV'  
PIA+1+123456:IN'  
IMD+A+++::Product name'  
QTY+192:2' (2 Pieces are delivered but not invoiced)
```

INVOIC variant – invoiced quantity and free goods quantity

10 pieces have been ordered, and as a bonus 2 pieces were included in the form of free goods, which are not billed.

```
LIN+1++9012345000001:SRV'  
PIA+1+123456:IN'  
IMD+A+++::Product name'  
QTY+47:10' (10 Pieces are delivered and invoiced)
```

```
LIN+2++9012345000001:SRV'  
PIA+1+123456:IN'  
IMD+A+++::Product name'  
QTY+192:2' (2 Pieces are delivered but not invoiced)
```

SG10 - M	9999 - CPS-SG11-SG17			
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22-SG25			
MOA - C	1 - Monetary amount			
Function :	To specify a monetary amount.			
Segment number :	21			
Data element group/Data element	EDIFACT	ANW	*	Description
C516 Monetary amount	M	M		
5025 Monetary amount type code qualifier	M an..3	M	*	X33 = Calculation basis excluding all taxes (EAN Code)
5004 Monetary amount	C n..35	R		
6345 Currency identification code	C an..3	R	*	ISO 4217 3-Alpha, see code list
6343 Currency type code qualifier	C an..3	N		
4405 Status description code	C an..3	N		
<u>Segment notes</u>				
- Calculation basis excluding all taxes (EAN Code)(DE5004); Optional; N 7+4 MOA+X33:2.3:EUR'				

SG10 - M	9999 - CPS-SG11-SG17			
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22-SG25			
SG18 - C	99 - RFF-DTM			
RFF - M	1 - Reference			
Function	: To specify a reference.			
Segment number	: 22			
Data element group/Data element	EDIFACT	ANW	*	Description
C506 Reference	M	M		
1153 Reference code qualifier	M an..3	M	*	ON = Order number (buyer)
1154 Reference identifier	C an..70	M		
1156 Document line identifier	C an..6	D		Line number from the buyer's order
4000 Reference version identifier	C an..35	N		
1060 Revision identifier	C an..6	N		
<u>Segment notes</u>				
This segment must be specified in case there are different order numbers in the DESADV, or when a line-reference is made to a purchase order (= same order number from the head section).				
- Order number (or line - reference) (DE1153=ON); Optional; A/N 16 RFF+ON:ABF1254:3'				

SG10 - M	9999 - CPS-SG11-SG17			
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22-SG25			
SG18 - C	99 - RFF-DTM			
DTM - C	1 - Date/time/period			
Function :	To specify date, and/or time, or period.			
Segment number :	23			
Data element group/Data element	EDIFACT	ANW	*	Description
C507 Date/time/period	M	M		
2005 Date or time or period function code qualifier	M an..3	M	*	171 = Reference date/time
2380 Date or time or period value	C an..35	R		
2379 Date or time or period format code	C an..3	M	*	102 = CCYYMMDD
<u>Segment notes</u>				
- Order date; Optional; D 8 DTM+171:20120101:102'				

SG10 - M	9999 - CPS-SG11-SG17			
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22-SG25			
SG22 - C	5 - PCI-DTM-MEA-SG23-SG24			
PCI - M	1 - Batch number			
Function :	To specify markings and labels on individual packages or physical units.			
Segment number :	24			
Data element group/Data element	EDIFACT	ANW	*	Description
4233 Marking instructions code	C an..3	R	*	17 = Supplier's instructions 6 = Mark packages dimensions 36E = Marked with batch number (EAN Code) 38E = Marked with expiry date (EAN Code) 39E = Marked with best before date (EAN Code)
C210 Marks & labels	C	N		
7102 Shipping marks description	M an..35			
7102 Shipping marks description	C an..35			
7102 Shipping marks description	C an..35			
7102 Shipping marks description	C an..35			
7102 Shipping marks description	C an..35			
7102 Shipping marks description	C an..35			
7102 Shipping marks description	C an..35			
7102 Shipping marks description	C an..35			
7102 Shipping marks description	C an..35			
7102 Shipping marks description	C an..35			
8275 Container or package contents indicator code	C an..3	N		
C827 Type of marking	C	N		
7511 Marking type code	M an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
<u>Segment notes</u>				
The PCI- Segment serves as a trigger for the segments where the batch number, expiry date, handling instructions, dimensions and weight and best before date have been provided.				
Example:				
PCI+36E' GIN+BX+9905'				

Best before date
PCI+39E'
DTM+361:20060404:102'
Expiry date
PCI+38E'
DTM+36:20060708:102'

Handling instructions:
PCI+17'
HAN+DAE+3295:ADR'

Packing measurement:
PCI+6'
MEA+PD+LN::43'
MEA+PD+WD::43'

SG10 - M	9999 - CPS-SG11-SG17			
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22-SG25			
SG22 - C	5 - PCI-DTM-MEA-SG23-SG24			
DTM - C	1 - Date/time/period			
Function	: To specify date, and/or time, or period.			
Segment number	: 25			
Data element group/Data element	EDIFACT	ANW	*	Description
C507 Date/time/period	M	M		
2005 Date or time or period function code qualifier	M an..3	M	*	361 = Best before date 36 = Expiry date
2380 Date or time or period value	C an..35	R		
2379 Date or time or period format code	C an..3	R	*	102 = CCYYMMDD
<u>Segment notes</u>				
- Best before date (DE2005 = 361); Optional; D 8 DTM+361:20060720:102'				
- Expiry date (DE2005 = 36); Optional; D 8 DTM+36:20061012:102'				

SG10 - M	9999 - CPS-SG11-SG17			
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22-SG25			
SG22 - C	5 - PCI-DTM-MEA-SG23-SG24			
MEA - C	5 - Measurements			
Function :	To specify physical measurements, including dimension tolerances, weights and counts.			
Segment number :	26			
Data element group/Data element	EDIFACT	ANW	*	Description
6311 Measurement purpose code qualifier	M an..3	M	*	PD = Physical dimensions (product ordered) SO = Storage limitation
C502 Measurement details	C	M		
6313 Measured attribute code	C an..3	R	*	LN = Length dimension WD = Width dimension HT = Height dimension TC = Temperature AAB = Unit gross weight
6321 Measurement significance code	C an..3	N		
6155 Non-discrete measurement name code	C an..17	D		44 = Frozen 43 = Chilled 45 = Temperature controlled Storage note
6154 Non-discrete measurement name	C an..70	D		
C174 Value/range	C	D		
6411 Measurement unit code	M an..3	D	*	GRM = gram MMT = millimetre
6314 Measurement value	C an..18	D		
6162 Range minimum value	C n..18	N		
6152 Range maximum value	C n..18	N		
6432 Significant digits quantity	C n..2	N		
7383 Surface or layer code	C an..3	N		
<u>Segment notes</u>				
This segment is used to specify the dimensions and weight of the article or to transfer a warehouse reference to the article				
Example: MEA+SO+TC::43'				

SG10 - M	9999 - CPS-SG11-SG17			
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22-SG25			
SG22 - C	5 - PCI-DTM-MEA-SG23-SG24			
SG23 - C	1 - GIN			
GIN - M	1 - Goods identity number			
Function :	To give specific identification numbers, either as single numbers or ranges.			
Segment number :	27			
Data element group/Data element	EDIFACT	ANW	*	Description
7405 Object identification code qualifier	M an..3	M	*	BX = Batch number
C208 Identity number range	M	M		
7402 Object identifier	M an..35	M		
7402 Object identifier	C an..35	N		
C208 Identity number range	C	N		
7402 Object identifier	M an..35			
7402 Object identifier	C an..35			
C208 Identity number range	C	N		
7402 Object identifier	M an..35			
7402 Object identifier	C an..35			
C208 Identity number range	C	N		
7402 Object identifier	M an..35			
7402 Object identifier	C an..35			
C208 Identity number range	C	N		
7402 Object identifier	M an..35			
7402 Object identifier	C an..35			
<u>Segment notes</u>				
- Batch number; Optional; A/N 35 GIN+BX+9905'				

SG10 - M	9999 - CPS-SG11-SG17			
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22-SG25			
SG22 - C	5 - PCI-DTM-MEA-SG23-SG24			
SG24 - C	10 - HAN			
HAN - M 1 - Handling instructions				
Function : To specify handling and where necessary, notify hazards.				
Segment number : 28				
Data element group/Data element	EDIFACT	ANW	*	Description
C524 Handling instructions	C	M		
4079 Handling instruction description code	C an..3	M	*	RPB = Poison (EAN Code) DAE = Dangerous article (EAN Code)
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
4078 Handling instruction description	C an..70	N		
C218 Hazardous material	C	D		
7419 Hazardous material category name code	C an..7	M		UN - Number (4-digit)
1131 Code list identification code	C an..17	R		ADR = Accord Europeen au transport international dangereuses (EAN Code)
3055 Code list responsible agency code	C an..3	N		
7418 Hazardous material category name	C an..35	N		
<u>Segment notes</u>				
This segment is used to identify poisons or dangerous goods and is mandatory to be sent if there is an article classified as poison/ or dangerous good according to ADR with UN number				
Example: HAN+DAE+3295:ADR'				

SG10 - M	9999 - CPS-SG11-SG17
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22-SG25
SG25 - C	10 - QVR-DTM

QVR - M	1 - Quantity variances
---------	------------------------

Function : To specify item details relating to quantity variances.
 Segment number : 29

Data element group/Data element	EDIFACT	ANW	*	Description
C279 Quantity difference information	M	M		
6064 Quantity variance value	M n..15	M		Indication of non-deliverable quantity / amount of quantity in backlog\ or the additional quantity supplied.
6063 Quantity type code qualifier	M an..3	M	*	21 = Ordered quantity
4221 Discrepancy nature identification code	M an..3	M	*	BP = Shipment partial - back order to follow CP = Shipment partial - considered complete, no backorder CM = Shipment complete with additional quantity
C960 Reason for change	C	O		
4295 Change reason description code	C an..3	M	*	WR = Temporarily unavailable AV = Out of inventory WU = Committed purchase quantity exceeded AS = Article out of assortment AR = Article out of assortment for particular company
1131 Code list identification code	N an..17	N		
3055 Code list responsible agency code	N an..3	N		
4294 Change reason description	N an..35	N		

Segment notes

This segment provides a more detailed explanation if the order item is not available, only partially available or when there is a shipment complete with additional quantity.

-Variations in quantity - information; Indication of non-deliverable quantity / amount of residue or the additional quantity supplied (DE6064); N 7+3; Optional

Discrepancy type identification; coded, use only the specified qualifier (DE4221=BP); A/N 3; Optional.

QVR+3:21+BP'

-Reason for change; coded, use only the specified qualifier e.g. temporarily not available (DE4295=WR); A/N 3; Optional
 QVR+3:21+BP+WR'

SG10 - M	9999 - CPS-SG11-SG17			
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22-SG25			
SG25 - C	10 - QVR-DTM			
DTM - C	1 - Date/time/period			
Function :	To specify date, and/or time, or period.			
Segment number :	30			
Data element group/Data element	EDIFACT	ANW	*	Description
C507 Date/time/period	M	M		
2005 Date or time or period function code qualifier	M an..3	M	*	44 = Availability
2380 Date or time or period value	C an..35	R		
2379 Date or time or period format code	C an..3	R	*	102 = CCYYMMDD 804 = Day
<u>Segment notes</u>				
-Availability date/- time (DE2005=44); Optional; D 8 DTM+44:20031022:102'				
Date information for non-deliverable quantity:				
The availability date of the unavailable quantity should be sent (improved the readiness to provide information on the side of the consignee).				
The availability date should also be sent if there is no additional delivery of the quantity in backlog (see QVR segment). When products are non deliverable this specification is omitted.				

UNT - M					1 - Message trailer
Function : To end and check the completeness of a message.					
Segment number : 31					
Data element group/Data element	EDIFACT	ANW	*	Description	
0074 Number of segments in the message	M n..6	M		Sum of all segments	
0062 Message reference number	M an..14	M		Reference number from the UNH-Segment is to be repeated.	
<u>Segment notes</u>					
This segment is a mandatory UN/EDIFACT segment.					
Example: UNT+35+ME000001'					

UNZ - M 1 - Interchange trailer				
Function : To end and check the completeness of an interchange.				
Segment number : 32				
Data element group/Data element	EDIFACT	ANW	*	Description
0036 Interchange control count	M n..6	M		Number of messages or functional groups within an interchange.
0020 Interchange control reference	M an..14	M		Identical to DE 0020 in UNB segment.
<u>Segment notes</u>				
This segment is used to provide the trailer of an interchange.				
DE 0036: If functional groups are used, this is the number of functional groups within the interchange. If functional groups are not used, this is the number of messages within the interchange.				
Example: UNZ+5+12345555'				

Examples

Example of a DESADV without representation of load carriers.

EANCOM	BESCHREIBUNG
UNA:+.?'	Service string advice
UNB+UNOC:3+5412345678908:14+8798765432106:14+120802:1000+12345555++++EA NCOMREF 52'	Interchange header
UNH+1+DESADV:D:01B:UN:EAN007'	Message header
BGM+351+4448+9'	Despatch advice
DTM+137:20120817:102'	Creation date
DTM+17:20120822:102'	Delivery date
RFF+ON:2020'	Reference to order number
RFF+DQ:4448'	Reference to delivery note number
NAD+BY+9000096000008::9'	Buyer
NAD+SU+9099999999991::9'	Supplier
NAD+DP+9000096000008::9'	Delivery party
NAD+IV+9000096000008::9'	Invoicee
CPS+1'	Trigger for the position part
LIN+1++9099999026543:SRV'	1. item
PIA+1+1230815:SA'	Internal number of the supplier
IMD+A+:::SANSO'	Item long text description
QTY+12:200'	Delivered quantity
MOA+X33:2.3:EUR'	Net purchase price excl. VAT
QVR+3:21+BP+WR'	Quantity discrepancies (temporarily not available)
UNT+18+1'	Message trailer
UNZ+1+12345555	Interchange trailer

Example of DESADV with representation of load carriers (Ideal-Model). Example shows two EURO-Pallets with SSCC.

EANCOM	BESCHREIBUNG
UNA:+.?'	Service string advice
UNB+UNOC:3+5412345678908:14+8798765432106:14+120802:1000+12345555++++EA NCOMREF 52'	Interchange header
UNH+1+DESADV:D:01B:UN:EAN007'	Message header
BGM+351+4448+9'	Despatch advice
DTM+137:20120817:102'	Creation date
DTM+17:20120822:102'	Delivery date
RFF+ON:2020'	Reference to order number
RFF+DQ:4448'	Reference to delivery note number
NAD+BY+9000096000008::9'	Buyer
NAD+SU+9099999999991::9'	Supplier
CTA+DL+:MAX MUSTERMANN'	Contact person
COM+EINKAUF@TESTFIRMA.AT:EM'	E-Mail address of the contact person
NAD+DP+9000096000008::9'	Delivery party
NAD+IV+9000096000008::9'	Invoicee
CPS+1'	Identification whole consignment
PAC+2++PK'	Consignment contains 2 EURO Pallets
MEA+PD+AAD+KGM:150'	Total gross weight of the consignment
CPS+2+1'	Identification of first load carrier
PAC+1++201::9'	Identification of first load carrier
HAN+CRU::9'	Handling instruction: breakable
PCI+33E'	Load carrier is identified with SSCC
GIN+BJ+390123450000000012'	SSCC
LIN+1++9099999021245:SRV'	1. item
PIA+1+152852:SA'	Internal number of the supplier
IMD+A+:::ACTELL'	Item long text description
QTY+12:200'	Delivered quantity
MOA+X33:2.3:EUR'	Net purchase price excl. VAT
CPS+3+1'	Identification of second load carrier
PAC+1++201::9'	One EURO Pallet
PCI+33E'	Trigger segment for SSCC
GIN+BJ+390123450000000001'	SSCC
LIN+2++9099999026543:SRV'	2. item
PIA+1+1230815:SA'	Internal number of the supplier
IMD+A+:::SANSO'	Item long text description
QTY+12:200'	Delivered quantity
MOA+X33:2.3:EUR'	Net purchase price excl. VAT
PCI+39E'	Trigger segment
DTM+361:20120101:102'	Best before date
PCI+6'	Trigger segment
MEA+SO+TC::43'	Storage limitation
PCI+36E'	Trigger segment
GIN+BX+9905'	Batch number
PCI+17'	Trigger segment

HAN+DAE+3295:ADR'	Handling instructions for dangerous items
QVR+3:21+BP+WR'	Quantity discrepancies (temporarily not available)
LIN+3++9099999026125:SRV'	3. item
PIA+1+45125:SA'	Internal number of the supplier
IMD+A+++::ACTIVE X'	Item long text description
QTY+12:200'	Delivered quantity
MOA+X33:2.3:EUR'	Net purchase price excl. VAT
PCI+39E'	Trigger segment
DTM+361:20120101:102'	Best before date
PCI+36E'	Trigger segment
GIN+BX+9904'	Batch number
PCI+17'	Trigger segment
HAN+DAE+3295:ADR'	Handling instructions for dangerous items
QVR+3:21+CP'	Quantity discrepancies (Shipment partial - considered complete, no backorder)
DTM+44:20130112:102'	Availability date (availability date of the unavailable quantity)
UNT+57+1'	Message trailer
UNZ+1+12345555'	Interchange trailer