Message definition
DESADV – Despatch Advice
Fashion - Austria
EANCOM 2002 (Syntax 3)
Version 1.2

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

Changes to Version 1.1:

Segment group/Segment	Data element	Old value	New Value	Remarks
SG4/CTA				**The CTA Segment**, which is used to identify a department to whom communication should be directed, **has been added**. The CTA segment may only be used in conjunction with the NAD+UC segment.

About this document

EDIFACT is a set of internationally agreed standards for the electronic interchange of data that was limited in form of EANCOM to those components which are really relevant for the consumer goods industry. The goal of the Austrian FASHION-Initiative is, based on EANCOM to develop more precise standard profiles applicable in the Austrian consumer goods industry.
The practice in Austria today shows that normally two potential business partner which are intending to exchange data electronically come together with EANCOM specialists (GS1-Austria, Converter provider) and develop specific application profiles from the EANCOM standard which corresponds to their specific business needs. In order to save time and efforts it is necessary to try to reduce the complexity.

Standard application profiles should be seen as a recommendation from Fashion-Austria-Initiative aiming to promote fast and aria-wide implementation of EANCOM. They should unify the interpretation of all contained fields and cover „90 %" of the business requirements. All requirements which are not a part of these standard application profiles have to be agreed bilateral between business partners.

All data fields marked as mandatory in the current documentation are considered as obligatory components in all EANCOM messages.

This document describes the data fields defined for this message type using EANCOM syntax. It deals only with these EANCOM-segments that are really relevant for the business purposes. **Therefore this document does not describe the whole set of EANCOM standards and does not replace the EANCOM manual.**

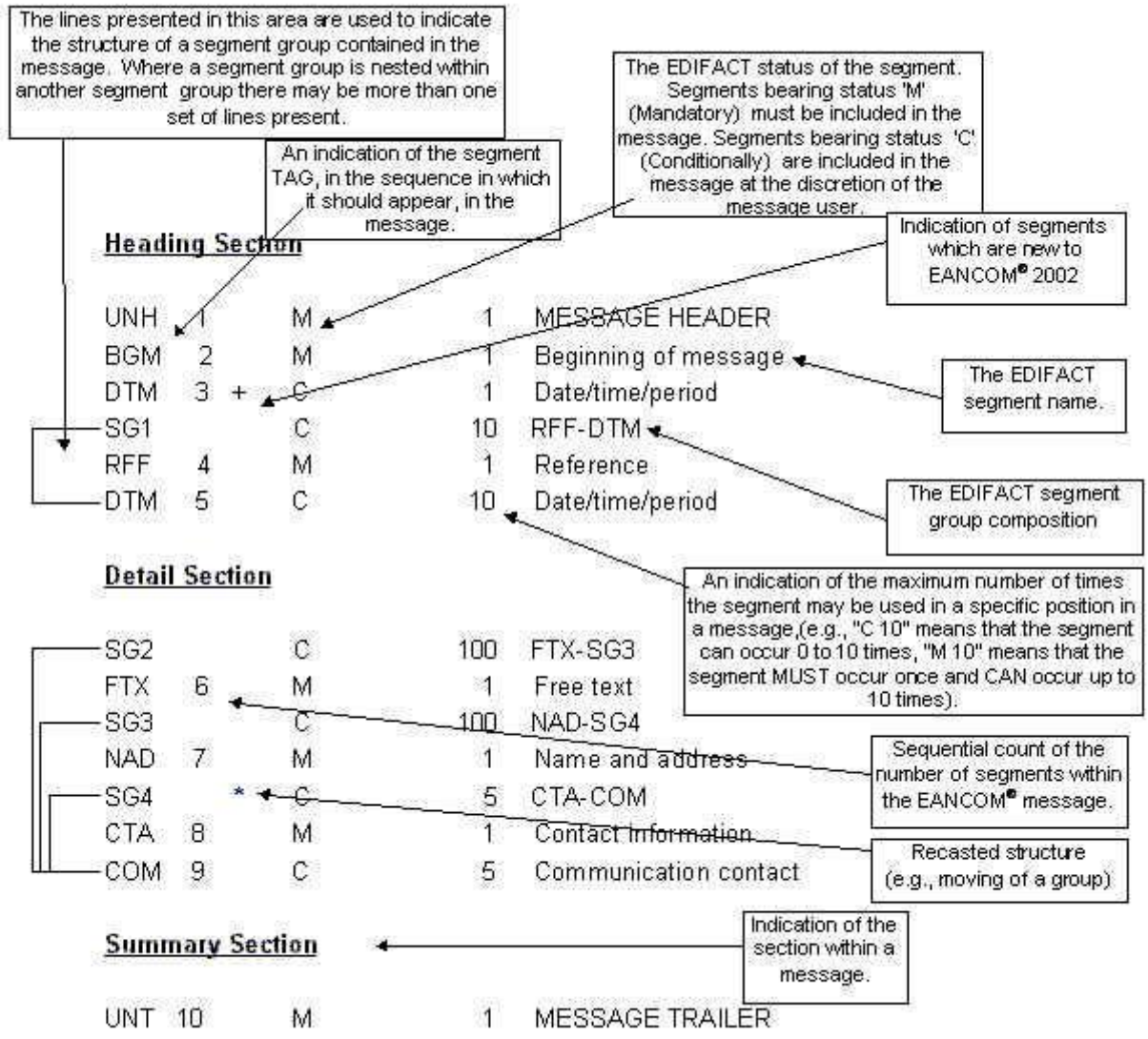
By this reason it is recommended by the implementation of this message to use beside this guideline also the EANCOM manual (available by GS1-Austria).

Document structure

1. Message structure
2. Business terms
3. Segment description

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 Commercial invoice 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.

Nachrichtenstruktur

Despatch advice message

UNH	1	**M**	1	Message header
BGM	2	**M**	1	Beginning of message
DTM	3	**M**	2	Date/time/period
SG1		**M**	3	RFF-DTM
RFF	4	**M**	1	Reference
DTM	5	**C**	1	Date/time/period
SG2		**M**	7	NAD-SG3-SG4
NAD	6	**M**	1	Name and address
SG3		**C**	1	RFF
RFF	7	**M**	1	Reference
SG4		**C**	1	CTA
CTA	8	**M**	1	Contact information
SG10		**M**	9999	CPS-SG11-SG17
CPS	9	**M**	1	Consignment packing sequence
SG11		**C**	9999	PAC-MEA-SG13
PAC	10	**M**	1	Package
MEA	11	**C**	4	Measurements
SG13		**C**	1	PCI-SG15
PCI	12	**M**	1	Package identification
SG15		**M**	1	GIN
GIN	13	**M**	1	Goods identity number
SG17		**M**	9999	LIN-PIA-QTY-SG18
LIN	14	**M**	1	Line item
PIA	15	**C**	2	Additional product id
QTY	16	**M**	2	Quantity
SG18		**C**	1	RFF-DTM
RFF	17	**M**	1	Reference
DTM	18	**C**	1	Date/time/period
UNT	19	**M**	1	Message trailer

BUSINESS TERMS

Business term	Description	Status	Format	Segment		Data element		
Message type	Qualifier for the defined Message type	M	A/N 3		BGM	C002	1001	Document name code
Attribute No order Number		O	A/N 3		BGM	C002	1000	Document name
Number of DESADV		M	A/N 16		BGM	C106	1004	Document identifier
Date of DESADV		M	D 8		DTM	C507	2380	Date or time or period value
Delivery date		M	D 8		DTM	C507	2380	Date or time or period value
Order number	Order number assigned by the buyer	O	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	Reference number of delivery note number	M	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, if there is no GLN, use name and address in free text	O	N 13	SG2	NAD	C082	3039	Party identifier
Ultimate customer	GLN,only if different from delivery part	O	N 13	SG2	NAD	C082	3039	Party identifier
Ordered by	GLN, only if different from buyer	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

BUSINESS TERMS

Business term	Description	Status	Format	Segment		Data element		
Ultimate consignee	GLN, only if different from delivery party(Cross-Docking)	O	N 13	SG2	NAD	C082	3039	Party identifier
Internal supplier number	in combination with delivery party	O	A/N 20	SG3	RFF	C506	1154	Reference identifier
department	Identification of the ultimate consignee-department only in connection with the NAD+UC segment	K	A/N 17	SG4	CTA	C056	3413	Department or employee name co
Loading device quantity	Pallet, half-pallet, Container	O	N 15	SG11	PAC		7224	Package quantity
Package quantity		O	N 8	SG11	PAC		7224	Package quantity
Package quantity per consignment	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
Height 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		
Weight of the despatch unit	in kg	O	N 15+3	SG11	MEA	C174	6314	Measurement value
SSCC	Serial shipping container code	M	N 18	SG15	GIN	C208	7402	Object identifier
Position number		M	N 6	SG17	LIN		1082	Line item identifier
Article number	EAN	M	N 14	SG17	LIN	C212	7140	Item identifier
Internal number of the buyer		O	A/N 35	SG17	PIA	C212	7140	Item identifier
Internal number of the supplier		O	A/N 35	SG17	PIA	C212	7140	Item identifier
Despatch quantity		M	N 7+3	SG17	QTY	C186	6060	Quantity
Ordered quantity		O	N 7+3	SG17	QTY	C186	6060	Quantity
(End)Customer card number		O	A/N 70	SG18	RFF	C506	1154	Reference identifier
Order number buyer		O	A/N 35	SG18	RFF	C506	1154	Reference identifier
Order number supplier		O	A/N 16	SG18	RFF	C506	1154	Reference identifier
Reference date		O	D 8	SG18	DTM	C507	2380	Date or time or period value

UNH – M 1 – Message header

Function : To head, identify and specify a message.

Segment number : 1

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			

Segment notes:

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 : 2

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	**O**	*	NON = No order number
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**		

Segment notes:

- Message type - Despatch advice (DE1001 = 351); Mandatory; A/N 3
- Despatch Advice number (DE1004); Mandatory; A/N 16

BGM+351+8090+9'

- Qualifier "No order number" (DE1000 = NON) ; Optional; A/N 3

DE1000: In the common case the order number is represented in all following messages as a reference number (see RFF - Segment). However it is possible that no order with order number precede the DESADV. In this case the qualifier NON = No order Number should be sent.

DTM - M 2 - Date/time/period

Function : To specify date, and/or time, or period.

Segment number : 3

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
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

Segment notes:

- Message date (DE2005 = 137); Mandatory; D 8
DTM+137:20060522:102'

- Delivery date (DE2005 = 17); Mandatory; D 8
DTM+17:20060525:102'

SG1	- M	3 - RFF-DTM
RFF	- M	1 - Reference

Function : To specify a reference.

Segment number : 4

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	**N**		

Segment notes:

- Order number (DE1153 = ON); Optional; A/N 16
RFF+ON:234'
If no order number is assigned, in the BGM Segment, DE 1000 qualifier NON should be sent!

- Order number (supplier) (DE1153 = VN); Optional; A/N 16
RFF+VN:6576'

- Delivery note number (DE1153 = DQ); Mandatory; A/N 16
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 : 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**	*	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

Segment notes:

-Reference date (DE2005 = 171); Optional; D 8
DTM+171:20060520:102'

SG2	- M	7 - NAD-SG3-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 : 6

Data element group/Data element		EDIFACT	ANW	*	Description
3035	**Party function code qualifier**	M an..3	**M**	*	BY = Buyer DP = Delivery party IV = Invoicee OB = Ordered by SU = Supplier UD = Ultimate customer UC = Ultimate consignee
C082	**Party identification details**	C	**D**		
3039	Party identifier	M an..35	**R**		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**		
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**		
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
3042	Street and number or post office box identifier	C an..35	**N**		
3164	**City name**	C an..35	**D**		
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**		
3207	**Country name code**	C an..3	**D**		

Segment notes:

- Buyer (DE3035 = BY); Mandatory; N 13
NAD+BY+9012345000004::9'

- Supplier (DE3035 = SU); Mandatory; N 13
NAD+SU+9012345000011::9'

- Delivery party (DE3035 = DP); Optional; N 13
NAD+DP+9012345000028::9'
If no GLN is assigned to the Delivery party, then Delivery party should be indentified in the following RFF - Segment via the internal supplier number:
NAD+DP'
RFF+YC1:12345'
NAD+DP+9012345000028::9'
NAD+DP+++EDI-LAND:Herr Laufen:Garage+Bussardweg 5+Wien++1120+AT'

- Ultimate Customer (DE3035 = UD); Optional; N 13
If Ultimate customer has no GLN, use free text for description (adress, name etc.)
NAD+UD+9012345000035::9'
NAD+UD+++EDI-LAND:Herr Laufen:Garage+Bussardweg 5+Wien++1120+AT'

- Ordered by (DE3035 = OB); Optional; N 13
NAD+OB+9012345000042::9'

-Invoicee (DE3035 = IV); Optional; N 13
NAD+IV+9012345000059::9'

- Ultimate consignee (DE3035 = UC); Optional; N 13
NAD+UC+9012345000035::9'

Remark to Cross-Docking:
The field for delivery party (DE3035 = DP) should contain the Cross-Docking-Point. The data field Ultimate consignee (DE3035 =UC) is used to identify the address for which the goods are picked.

SG2	- M	7 - NAD-SG3-SG4
SG3	- C	1 - RFF

RFF	- M	1 - Reference

Function : To specify a reference.

Segment number : 7

Data element group/Data element		EDIFACT	ANW	*	Description
C506	**Reference**	M	**M**		
1153	Reference code qualifier	M an..3	**M**	*	YC1 = Additional party identification (EAN Code)
1154	Reference identifier	M an..70	**M**		
1156	Document line identifier	N an..6	**N**		
4000	Reference version identifier	N an..35	**N**		
1060	Revision identifier	N an..6	**N**		

Segment notes:

- Internal supplier-number (only in combination with NAD+DP-Delivery party); Optional; A/N 20
RFF+YC1:12345'

SG2	- M	7 - NAD-SG3-SG4
SG4	- C	1 - CTA

CTA	- M	1 - Contact information

Function : To identify a person or a department to whom communication should be directed.

Segment number : 8

Data element group/Data element		EDIFACT	ANW	*	Description
3139	**Contact function code**	M an..3	**M**		PD Purchasing contact (Department which is responsible for the assignment of the order)
C056	**Department or employee details**	M	**M**		
3413	Department or employee name code	M an..17	**M**		GLN or bilaterally agreed number
3412	Department or employee name	N an..35	**N**		

Segment notes:

This segment is used to identify the department within the specified company, in the previous NAD segment.
The Global Location Number (GLN) is particularly suitable for this purpose.

Identification of the Department (DE3139 = PD); Optional; A/N 17
CTA+PD+9120013140119'

The CTA segment can only be used in conjunction with the ultimate consignee (**NAD+UC)** segment.

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 : 9

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**		

Segment notes:

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-SG13
PAC	- M	1 -	Package

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

Segment number : 10

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			

Segment notes:

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 (actual 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-SG13
MEA	- C	4 -	Measurements

Function : To specify physical measurements, including dimension tolerances, weights and counts.

Segment number : 11

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**		

Segment notes:

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-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 : 12

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)
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			
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			

Segment notes:

This segment is used to provide markings with SSCC.

Example:
PCI+33E'

SG10	- M	9999 -	CPS-SG11-SG17
SG11	- C	9999 -	PAC-MEA-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 : 13

Data element group/Data element		EDIFACT	ANW	*	Description
7405	**Object identification code qualifier**	M an..3	**M**	*	BJ = Serial shipping container 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			

Segment notes:

On despatch unit level:

- SSCC; Mandatory; N 18
GIN+BJ+390123450000000001'

SG10	- M	9999 -	CPS-SG11-SG17
SG17	- M	9999 -	LIN-PIA-QTY-SG18
LIN	- M	1 -	Line item

Function : To identify a line item and configuration.

Segment number : 14

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	**R**		
7140	Item identifier	C an..35	**R**		Format n..14 EAN/GTIN - Number of the ordered article 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 indicates the beginning of the detail section within the DESADV.

- Article identification by EAN (DE7140); Mandatory; N 14
The field can contain max. 14 symbols (numerical) whereas only the specified numbering structures are allowed!
There are no leading zeros which are used in the data interchange.
LIN+1++9054321444448:SRV'

SG10 – M 9999 – CPS-SG11-SG17

SG17 – M 9999 – LIN-PIA-QTY-SG18

PIA – C 2 – Additional product id

Function : To specify additional or substitutional item identification codes.

Segment number : 15

Data element group/Data element		EDIFACT	ANW	*	Description
4347	**Product identifier code qualifier**	M an..3	**M**	*	1 = Additional Identification
C212	**Item number identification**	M	**M**		
7140	Item identifier	C an..35	**R**		
7143	Item type identification code	C an..3	**R**	*	IN = Buyer's item number SA = Suppliers item 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			
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			

Data element group/Data element	EDIFACT	ANW	*	Description
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			

Segment notes:

-Buyer's item number; Optional; A/N 35
PIA+1+1230815:IN'

- Supplier's article number; Optional; A/N 35
PIA+1+9438444:SA'

SG10	- M	9999 -	CPS-SG11-SG17
SG17	- M	9999 -	LIN-PIA-QTY-SG18
QTY	- M	2 -	Quantity

Function : To specify a pertinent quantity.

Segment number : 16

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 21 = Ordered quantity
6060	Quantity	M an..35	**M**		
6411	Measurement unit code	C an..3	**O**		

Segment notes:

- Despatch quantity (DE6063 = 12); Mandatory; N 7+3
QTY+12:350'

- Ordered quantity (DE6063 = 21); Optional; N 7+3
QTY+21:10:PCE'

SG10	- M	9999 -	CPS-SG11-SG17
SG17	- M	9999 -	LIN-PIA-QTY-SG18
SG18	- C	1 -	RFF-DTM

RFF - M 1 - Reference

Function : To specify a reference.

Segment number : 17

Data element group/Data element		EDIFACT	ANW	*	Description
C506	**Reference**	M	**M**		
1153	Reference code qualifier	M an..3	**M**	*	IT = Internal customer number ON = Order number (buyer) VN = Order number (supplier)
1154	Reference identifier	C an..70	**M**		
1156	Document line identifier	C an..6	**D**		Line reference to the order from the buyer
4000	Reference version identifier	C an..35	**N**		
1060	Revision identifier	C an..6	**N**		

Segment notes:

- (End) Customer card number; (DE1153=IT); Optional; A/N 70
RFF+IT:112233'

- Order number (DE1153=ON); Optional; A/N 35
This segment is to be used in case of different order numbers within one DESADV message respectively when there is a line reference to a given order (=same order number as on message heading level).
RFF+ON:ABF1254:3'

- Order number of the supplier (DE1153 = VN); Optional; A/N 16
RFF+VN:6576'

SG10	- M	9999 -	CPS-SG11-SG17
SG17	- M	9999 -	LIN-PIA-QTY-SG18
SG18	- C	1 -	RFF-DTM
DTM	- C	1 -	Date/time/period

Function : To specify date, and/or time, or period.

Segment number : 18

Data element group/Data element		EDIFACT	ANW	*	Description
C507	**Date/time/period**	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

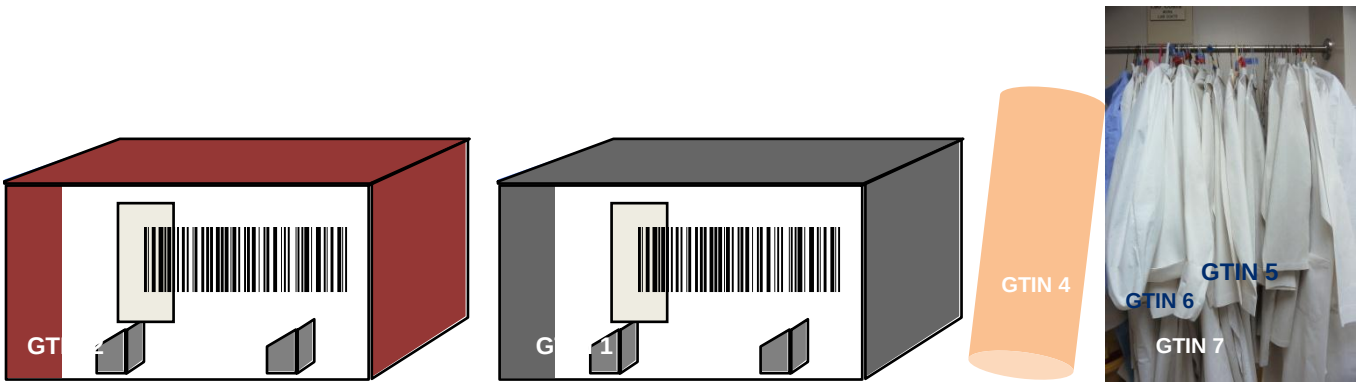
Segment notes:

- Reference date; Optional; D 8
DTM+171:20120101:102'

UNT – M 1 – Message trailer				
Function : To end and check the completeness of a message. Segment number : 19				
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.
Segment notes: This segment is a mandatory UN/EDIFACT segment. Example: UNT+35+ME000001'				

Example:

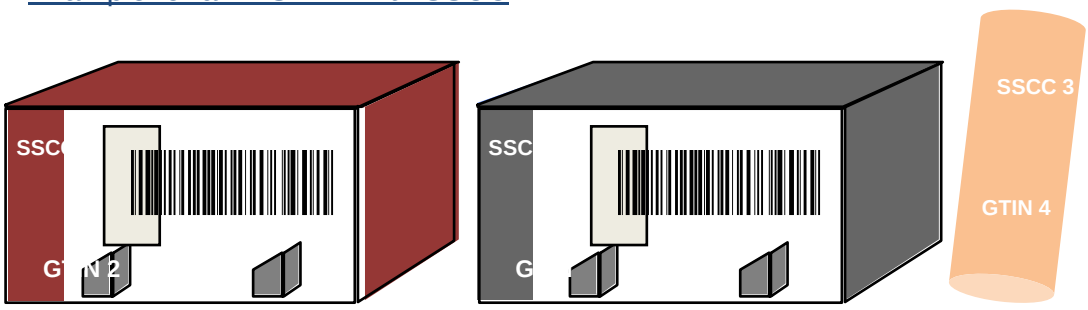
Example for a DESADV without SSCC



EANCOM	DESCRIPTION
CPS+1'	Consignment packing sequence
LIN+1++<GTIN-1>:SRV'	This box includes article number 2.
QTY+12:12'	Delivered quantity: 12 pieces
LIN+2++<GTIN-2>:SRV'	This box includes article number 2.

QTY+12:10‘	Delivered quantity: 10 pieces
LIN+3++<GTIN-3>:SRV'	This box includes article number 3.
QTY+12:5‘	Delivered quantity: 5 pieces
LIN+4++<GTIN-4>:SRV'	This reelpack includes article number 4.
QTY+12:1'	Delivered quantity: 1 piece
LIN+5++<GTIN-5>:SRV'	This clothes rack includes article number 5.
QTY+12:3'	Delivered quantity: 3 pieces
LIN+6++<GTIN-6>:SRV'	This clothes rack includes article number 6.
QTY+12:3'	Delivered quantity: 3 pieces
LIN+7++<GTIN-7>:SRV'	This clothes rack includes article number 7.
QTY+12:4'	Delivered quantity: 4 pieces
...	

Example for a DESADV with SSCC



EANCOM	DESCRIPTION
CPS+1'	Consignment packing sequence
PAC+2++CT'	Consignment includes 4 cartons.
PAC+1++RO'	Consignment includes 1 reel.
PAC+1++RJ'	Consignment includes 1 clothing rack.
CPS+2+1'	Second CPS; SSCC = Pack layer
PAC+1++CT'	Package ID: Carton
PCI+33E'	Package identification (in combination with SSCC)
GIN+BJ+<SSCC-1>'	Package number with SSCC number 1
LIN+1++<GTIN-1>:SRV'	This box includes article number 1.
QTY+12:12'	Delivered quantity: 12 Pieces
CPS+3+1'	Third CPS; SSCC = Pack layer
PAC+1++CT'	Package ID: Carton
PCI+33E'	Package identification (in combination with SSCC)
GIN+BJ+<SSCC-2>'	Package number with SSCC number 2
LIN+2++<GTIN-2>:SRV'	This box includes article number 2.
QTY+12:10‘	Delivered quantitiy: 10 pieces
LIN+3++<GTIN-3>:SRV'	This box includes article number 3.
QTY+12:5‘	Delivered quantitiy: 5 pieces
CPS+4+1'	Fourth CPS; SSCC = Pack layer
PAC+1++RO'	Package ID: reel
PCI+33E'	Package identification (in combination with SSCC)
GIN+BJ+<SSCC-3>'	Package number with SSCC number 3

LIN+4++<GTIN-4>:SRV'	This reelpack includes article number 4.
QTY+12:1'	Delivered quantity: 1 piece
CPS+5+1'	Fifth CPS; SSCC = Packebene
PAC+1++RJ'	Package ID: clothing rack
PCI+33E'	Package identification (in combination with SSCC)
GIN+BJ+<SSCC-4>'	Package number with SSCC number 4
LIN+5++<GTIN-5>:SRV'	This clothes rack includes article number 5.
QTY+12:3'	Delivered quantity: 3 pieces
LIN+6++<GTIN-6>:SRV'	This clothes rack includes article number 6.
QTY+12:3'	Delivered quantity: 4 pieces
LIN+7++<GTIN-7>:SRV'	This clothes rack includes article number 7.
QTY+12:4'	Delivered quantity: 4 pieces
...	