



**Message Definition**  
**ORDERS – Purchasing order**  
**ECR-Austria**  
**EANCOM 2002 (Syntax 3)**  
**Version 1.8**

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Message Type: ORDERS  
Message Version: 010(EANCOM)  
Responsible Agency: GS1-Austria  
Directory Name: EDIFACT  
Directory Version: D.01.B

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## 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 ECR-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 ECR-Austria-Initiative aiming to promote fast and area-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.**

Within the second phase of the ECR-Austria-Initiative the message guidelines from the ECR-book defined in the first phase were adapted to the new business requirements and new standard application profiles were developed.

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).

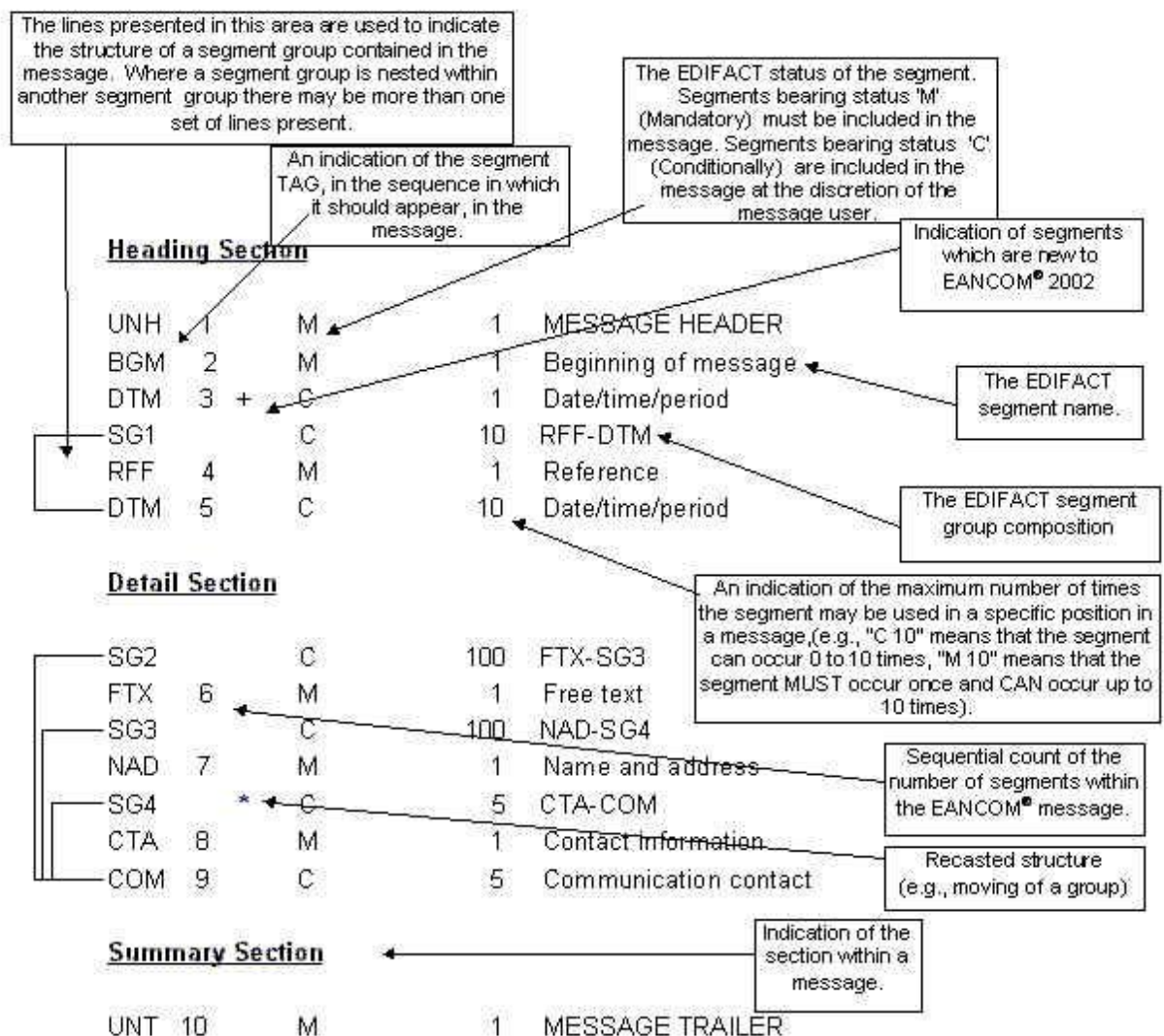
## Document structure

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 Purchasing 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  | <b>R</b> | Indicates that the entity is required and must be sent.  |
| - | ADVISED   | <b>A</b> | Indicates that the entity is advised or recommended.   |
| - | DEPENDENT | <b>D</b> | Indicates that the entity must be sent in certain conditions, as defined by the relevant explanatory note. |
| - | OPTIONAL  | <b>O</b> | Indicates that the entity is optional and may be sent at the discretion of the user.                       |
| - | NOT USED  | <b>N</b> | 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 asterisk (\*) 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 asterisk 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

**Purchase order message**

	<b>UNH</b>	1	<b>M</b>	1	Message header
	<b>BGM</b>	2	<b>M</b>	1	Beginning of message
	<b>DTM</b>	3	<b>M</b>	3	Date/time/period
	<b>FTX</b>	4	<b>C</b>	2	Free text
┌	<b>SG1</b>		<b>C</b>	2	RFF
└	<b>RFF</b>	5	<b>M</b>	1	Reference
┌	<b>SG2</b>		<b>M</b>	7	NAD
└	<b>NAD</b>	6	<b>M</b>	1	Name and address
┌	<b>SG7</b>		<b>C</b>	1	CUX
└	<b>CUX</b>	7	<b>M</b>	1	Currencies
┌	<b>SG10</b>		<b>C</b>	1	TDT
└	<b>TDT</b>	8	<b>M</b>	1	Details of transport
┌	<b>SG28</b>		<b>M</b>	200000	LIN-IMD-QTY-DTM-FTX-SG32-SG33
└	<b>LIN</b>	9	<b>M</b>	1	Line item
	<b>IMD</b>	10	<b>C</b>	2	Item description
	<b>QTY</b>	11	<b>M</b>	1	Quantity
	<b>DTM</b>	12	<b>C</b>	3	Date/time/period
	<b>FTX</b>	13	<b>C</b>	2	Free text
┌	<b>SG32</b>		<b>C</b>	1	PRI
└	<b>PRI</b>	14	<b>M</b>	1	Price details
┌	<b>SG33</b>		<b>C</b>	1	RFF
└	<b>RFF</b>	15	<b>M</b>	1	Reference
	<b>UNS</b>	16	<b>M</b>	1	Section control
	<b>UNT</b>	17	<b>M</b>	1	Message trailer

**BUSINESS TERMS**

Business term	Description	Status	Format	Segment		Data element	
Message type		M	A/N 3	BGM		C002 1001	Document name code
Order number	assigned by the buyer	M	A/N 16	BGM		C106 1004	Document identifier
Order date		M	D 8	DTM		C507 2380	Date or time or period value
Delivery date/time				DTM		C507 2380	Date or time or period value
Delivery date/time	earliest, latest, requested	O	D 8	DTM		C507 2380	Date or time or period value
Pick-up/collection date/time of cargo		O	D 8-12	DTM		C507 2380	Date or time or period value
Presort storing space	in cross docking process	O	A/N 17	FTX		C107 4441	Free text value code
Free text	Purchasing information	O	A/N 70	FTX		C108 4440	Free text value
Promotion deal number	Heading section	O	A/N 16	SG1	RFF	C506 1154	Reference identifier
Consignee's shipment reference number		O	A/N 35	SG1	RFF	C506 1154	Reference identifier
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
Ultimate consignee	GLN, only if different from delivery party(Cross-Docking)	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
Despatch party	GLN, only if different from sender	O	N 13	SG2 NAD	C082 3039 Party identifier
Currency		O	A/N 3	SG7 CUX	C504 6345 Currency identification code
Currency				SG7 CUX	C504 6345 Currency identification code
Transport mode		O	A/N 3	SG10 TDT	C220 8067 Transport mode name code
Transport mode				SG10 TDT	C220 8067 Transport mode name code
Means of transport		O	A/N 8	SG10 TDT	C228 8179 Transport means description code
Position number		M	N 6	SG28 LIN	1082 Line item identifier
Article number	EAN	M	N 14	SG28 LIN	C212 7140 Item identifier
Colour resp. size		O	A/N 17	SG28 IMD	C273 7009 Item description code
Article long description		O	A/N 70	SG28 IMD	C273 7008 Item description
Ordered quantity		M	N 7+3	SG28 QTY	C186 6060 Quantity
Ordered quantity				SG28 QTY	C186 6060 Quantity
Delivery date/time	on position level: requested, earliest, latest (only if different from the heading section)	O	D 8-D12	SG28 DTM	C507 2380 Date or time or period value
Minimum shelf life remaining at time of despatch period		O	N 3	SG28 DTM	C507 2380 Date or time or period value
Pick-up/collection date/time of cargo		O	D 8-D12	SG28 DTM	C507 2380 Date or time or period value
Presort storing space	in cross docking process	O	A/N 17	SG28 FTX	C107 4441 Free text value code



**BUSINESS TERMS**

Business term	Description	Status	Format	Segment	Data element
Free text	Purchasing information	O	A/N 70	SG28 FTX	C108 4440 Free text value
Net price		O	N 7+3	SG32 PRI	C509 5118 Price amount
Net price				SG32 PRI	C509 5118 Price amount
Promotion deal number	Position level	O	A/N 16	SG33 RFF	C506 1154 Reference identifier

UNH - M 1 - Message header				
Function : To head, identify and specify a message.				
Segment number : 1				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>0062 Message reference number</b>	M an..14	<b>M</b>		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.
<b>S009 Message identifier</b>	M	<b>M</b>		
0065 Message type	M an..6	<b>M</b>	*	ORDERS = Purchase order message
0052 Message version number	M an..3	<b>M</b>	*	D = Draft version/UN/EDIFACT Directory
0054 Message release number	M an..3	<b>M</b>	*	01B = Release 2001 - B
0051 Controlling agency	M an..2	<b>M</b>	*	UN = UN/CEFACT
0057 Association assigned code	C an..6	<b>R</b>	*	EAN010 = EAN version control number (EAN Code)
<b>0068 Common access reference</b>	C an..35	<b>N</b>		
<b>S010 Status of the transfer</b>	C	<b>N</b>		
0070 Sequence of transfers	M n..2			
0073 First and last transfer	C a1			
<u>Segment notes</u>				
Example: UNH+ME000001+ORDERS:D:01B:UN:EAN010'				

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				
<b>C002</b>	<b>Document/message name</b>	C	<b>R</b>						
1001	Document name code	C an..3	<b>R</b>	*	220 = Order 224 = Rush order 402 = Cross docking order 22E = Manufacturer raised order (EAN Code)				
1131	Code list identification code	C an..17	<b>N</b>						
3055	Code list responsible agency code	C an..3	<b>D</b>	*	9 = EAN (International Article Numbering association)				
1000	Document name	C an..35	<b>N</b>						
<b>C106</b>	<b>Document/message identification</b>	C	<b>R</b>						
1004	Document identifier	C an..35	<b>R</b>		Order number; assigned by the document sender.				
1056	Version identifier	C an..9	<b>N</b>						
1060	Revision identifier	C an..6	<b>N</b>						
<b>1225</b>	<b>Message function code</b>	C an..3	<b>R</b>	*	9 = Original 42 = Confirmation via specific means				
<b>4343</b>	<b>Response type code</b>	C an..3	<b>N</b>						
<u>Segment notes</u>									
- Message type - Order (DE1001 = 220); Mandatory *); A/N 3 BGM+220+3574+9'									
- Message type - Cross docking order (DE1001 = 402); Mandatory *); A/N 3; see also the NAD-Segment BGM+402+3575+9'									
- Message type - Rush order (DE1001 = 224); Mandatory *); A/N 3 BGM+224+3576+9'									
- Message type - CRP-Order (Manufacturer raised order) (DE1001 = 22E); Mandatory *); A/N 3 Please note: In this case the order is sent from the manufacturer to the retailer BGM+22E::9+3574+9'									
- Order number (DE1004); Mandatory; A/N 16									
*) One of these message types (together with the order number) must be set.									
DE1225:									
Qualifier 42 (confirmation via specific means) is only used for confirmation of a previous order sent by means other than EDI, e.g. Fax (not to confound with ORDRSP - 'purchase order response'). In all other cases Qualifier 9 (Original) should be used.									
DE 3055: This data element can just be used, if DE 1001 includes an EAN code.									

DTM - M 3- Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 3				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C507 Date/time/period</b>	<b>M</b>	<b>M</b>		
2005 Date or time or period function code qualifier	M an..3	<b>M</b>	*	2 = Delivery date/time, requested 137 = Document/message date/time 63 = Delivery date/time, latest 64 = Delivery date/time, earliest 200 = Pick-up/collection date/time of cargo
2380 Date or time or period value	C an..35	<b>R</b>		
2379 Date or time or period format code	C an..3	<b>R</b>	*	102 = CCYYMMDD 203 = CCYYMMDDHHMM
<u>Segment notes</u>				
- Message date (DE2005 = 137); Mandatory; D 8 DTM+137:19990610:102'				
- Delivery date/time (DE2005 = 2); Optional; D 8 - D 12 DTM+2:199906201200:203'				
- Delivery date/time, earliest (DE2005 = 64); Optional; D 8 DTM+64:20050712:102'				
- Delivery date/time, latest (DE 2005 = 63); Optional; D 8 DTM+63:20050715:102'				
- Pick-up/collection date/time of cargo, (DE2005=200), Optional, D8-D12 DTM+200:201907081000:203'				
<b>REMARK:</b>				
The following rules apply when using 'Delivery date':				
- only Qualifier 2 or				
- Qualifier 64 and 63 together or				
- only Qualifier 64 or				
- only Qualifier 63				
- or only Qualifier 200				
The Delivery date in this message is an optional field and should be provided either in the heading section or for each position. In case that Delivery date is submitted as well in the heading section as on position level, the information on position level will override the information in the heading section.				

FTX - C                      2- Free text				
Function                    :            To provide free form or coded text information.				
Segment number        :    4				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>4451    Text subject code qualifier</b>	M an..3	<b>M</b>	*	PUR = Purchasing information CLR = Loading remarks
<b>4453    Free text function code</b>	C an..3	<b>N</b>		
<b>C107    Text reference</b>	C	<b>D</b>		
4441 Free text value code	M an..17	<b>M</b>		Presort storing sprace in connection with DE4451 = CLR
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>N</b>		
<b>C108    Text literal</b>	C	<b>R</b>		
4440 Free text value	M an..512	<b>M</b>		ECR allows max. 70 symbols
4440 Free text value	C an..512	<b>N</b>		
4440 Free text value	C an..512	<b>N</b>		
4440 Free text value	C an..512	<b>N</b>		
4440 Free text value	C an..512	<b>N</b>		
<b>3453    Language name code</b>	C an..3	<b>N</b>		
<b>4447    Free text format code</b>	C an..3	<b>N</b>		
<u>Segment notes</u>				
- Free text/Purchasing information (DE4440); Optional; A/N 70 FTX+PUR+++FREE PURCHASING INFORMATION'				
- Presort storing space in cross docking (DE4451 = CLR und DE4441); Optional; A/N 17 FTX+CLR++3' The logistic unit must be presorted on the truck at rank 3 at the delivery.				

SG1 - C                    2 - RFF				
RFF - M                    1 - Reference				
Function                    :                    To specify a reference. Segment number        : 5				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C506 Reference</b>	M	<b>M</b>		
1153 Reference code qualifier	M an..3	<b>M</b>	*	PD = Promotion deal number AAO = Consignee's shipment reference number
1154 Reference identifier	C an..70	<b>R</b>		
1156 Document line identifier	C an..6	<b>N</b>		
4000 Reference version identifier	C an..35	<b>N</b>		
1060 Revision identifier	C an..6	<b>N</b>		
<u>Segment notes</u>				
This segment is used to specify a promotion deal number to which the whole order refers. - Promotion deal number (DE1154); Optional; A/N 16 RFF+PD:2312'				
- Consignee's shipment reference number (DE1154); Optional; A/N 35 Example for use case: in case of a pre-picked cross docking - allows to provide at a later stage a branch tour number of the retailer RFF+AAO:9383838'				

SG2 - M		7 - NAD		
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
<b>3035 Party function code qualifier</b>	M an..3	<b>M</b>	*	BY = Buyer DP = Delivery party IV = Invoicee OB = Ordered by SU = Supplier UC = Ultimate consignee PW = Despatch party
<b>C082 Party identification details</b>	C	<b>R</b>		
3039 Party identifier	M an..35	<b>M</b>		GLN - Format n13
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>R</b>	*	9 = EAN (International Article Numbering Association)
<b>C058 Name and address</b>	C	<b>N</b>		
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			
<b>C080 Party name</b>	C	<b>N</b>		
3036 Party name	M an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3045 Party name format code	C an..3			
<b>C059 Street</b>	C	<b>N</b>		
3042 Street and number or post office box identifier	M an..35			
3042 Street and number or post office box identifier	C an..35			
3042 Street and number or post office box identifier	C an..35			
3042 Street and number or post office box identifier	C an..35			
<b>3164 City name</b>	C an..35	<b>N</b>		
<b>C819 Country sub-entity details</b>	C	<b>N</b>		
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			

Data element group/Data element	EDIFACT	ANW	*	Description
3228 Country sub-entity name	C an..70			
<b>3251 Postal identification code</b>	C an..17	N		
<b>3207 Country name code</b>	C an..3	N		
<u>Segment notes</u>				
- 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'				
- Ultimate consignee (DE3035 = UC); Optional; N 13 NAD+UC+9012345000035::9'				
- Ordered by (DE3035 = OB); Optional; N 13 NAD+OB+9012345000042::9'				
- Invoicee (DE3035 = IV); Optional; N 13 NAD+IV+9012345000059::9'				
-Despatch party (DE3035 = PW); Optional; N 13 NAD+PW+9012345000042::9'				
<b>Remark to Cross-Docking:</b> 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.				
DE 3039: For partner identification use exclusively the GLN.				



SG7 - C 1 - CUX				
CUX - M 1 - Currencies				
Function : To specify currencies used in the transaction and relevant details for the rate of exchange. Segment number : 7				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C504 Currency details</b>	C	<b>R</b>		
6347 Currency usage code qualifier	M an..3	<b>M</b>	*	2 = Reference currency
6345 Currency identification code	C an..3	<b>R</b>		EUR = Euro
6343 Currency type code qualifier	C an..3	<b>R</b>	*	9 = Order currency
6348 Currency rate value	C n..4	<b>N</b>		
<b>C504 Currency details</b>	C	<b>N</b>		
6347 Currency usage code qualifier	M an..3			
6345 Currency identification code	C an..3			
6343 Currency type code qualifier	C an..3			
6348 Currency rate value	C n..4			
<b>5402 Currency exchange rate</b>	C n..12	<b>N</b>		
<b>6341 Exchange rate currency market identifier</b>	C an..3	<b>N</b>		
<u>Segment notes</u>				
- Currency (DE6345); Optional *); A/N 3 CUX+2:EUR:9'				
*) The usage of this segment is obligatory when on position level price information is communicated.				

SG10 - C		1 - TDT		
TDT - M		1 - Details of transport		
Function :		To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport.		
Segment number :		8		
Data element group/Data element	EDIFACT	ANW	*	Description
<b>8051 Transport stage code qualifier</b>	M an..3	<b>M</b>	*	20 = Main-carriage transport
<b>8028 Means of transport journey identifier</b>	C an..17	<b>N</b>		
<b>C220 Mode of transport</b>	C	<b>R</b>		
8067 Transport mode name code	C an..3	<b>R</b>		20 = Rail transport 30 = Road transport 50 = Mail
8066 Transport mode name	C an..17	<b>N</b>		
<b>C228 Transport means</b>	C	<b>O</b>		
8179 Transport means description code	C an..8	<b>M</b>		25 = Rail express X05 = Road parcel express (EAN Code) X09 = Parcel post (EAN Code - book) X13 = Air mail (EAN Code - book) X11 = Surface mail (EAN Code - book)
8178 Transport means description	C an..17	<b>N</b>		
<b>C040 Carrier</b>	C	<b>N</b>		
3127 Carrier identifier	C an..17			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
3128 Carrier name	C an..35			
<b>8101 Transit direction indicator code</b>	C an..3	<b>N</b>		
<b>C401 Excess transportation information</b>	C	<b>N</b>		
8457 Excess transportation reason code	M an..3			
8459 Excess transportation responsibility code	M an..3			
7130 Customer shipment authorisation identifier	C an..17			
<b>C222 Transport identification</b>	C	<b>N</b>		
8213 Transport means identification name identifier	C an..9			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
8212 Transport means identification name	C an..35			
8453 Transport means nationality code	C an..3			

Data element group/Data element	EDIFACT	ANW	*	Description
<b>8281 Transport means ownership indicator code</b>	C an..3	N		
<u>Segment notes</u> - Transport mode (DE8067); Optional; A/N 3 TDT+20++30'  In DE 8179 means of transport can be described more precisely.  DE8179, DE8067: for further codes see the code list.				

SG28 - M 200000 - LIN-IMD-QTY-DTM-FTX-SG32-SG33				
LIN - M 1 - Line item				
Function : To identify a line item and configuration. Segment number : 9				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>1082 Line item identifier</b>	C an..6	<b>R</b>		Application generated number of the item lines within the Despatch Advice. The number must be unique and ascending within the message.
<b>1229 Action request/notification description code</b>	C an..3	<b>N</b>		
<b>C212 Item number identification</b>	C	<b>R</b>		
7140 Item identifier	C an..35	<b>R</b>		
7143 Item type identification code	C an..3	<b>R</b>	*	
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>N</b>		
<b>C829 Sub-line information</b>	C	<b>N</b>		
5495 Sub-line indicator code	C an..3			
1082 Line item identifier	C an..6			
<b>1222 Configuration level number</b>	C n..2	<b>N</b>		Format n..14, EAN/GTIN - this is the number of the article being despatched. EAN/UCC-8 EAN/UCC-13 EAN/UCC-14 UCC-12  SRV = EAN.UCC Global Trade Item Number
<b>7083 Configuration operation code</b>	C an..3	<b>N</b>		
<u>Segment notes</u>				
- Article identification by EAN (DE7140); Mandatory; N 14				
The field can contain max. 14 symbols (numerical) whereas only the specified numbering structures are allowed! No leading Zeros are exchanged!				
LIN+1+++9054321444448:SRV'				
<b>IMPORTANT:</b> Communication of mixed assortment's information (assortment, that consists of minimum two components): Mixed assortments are identified exclusively by GTIN (like each other article). Mixed assortment components (sub-articles) are not displayed in ORDERS (but only in DESADV and INVOIC).				
The LIN-Segment indicates the beginning of the Detail Section of the order.				

SG28 - M 200000 - LIN-IMD-QTY-DTM-FTX-SG32-SG33				
IMD - C 2- Item description				
Function : To describe an item in either an industry or free format. Segment number : 10				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>7077 Description format code</b>	C an..3	<b>R</b>	*	B = Code and text A = Free-form long description
<b>C272 Item characteristic</b>	C	<b>O</b>		
7081 Item characteristic code	C an..3	<b>M</b>		35 = Colour 98 = Size
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>N</b>		
<b>C273 Item description</b>	C	<b>R</b>		
7009 Item description code	C an..17	<b>D</b>		Code from the industry code list
1131 Code list identification code	C an..17	<b>D</b>		Industry code list number
3055 Code list responsible agency code	C an..3	<b>D</b>		90 = Assigned by manufacturer 91 = Assigned by supplier or supplier's agent
7008 Item description	C an..256	<b>D</b>		ECR allows max. 70 symbols
7008 Item description	C an..256	<b>N</b>		
3453 Language name code	C an..3	<b>N</b>		
<b>7383 Surface or layer code</b>	C an..3	<b>N</b>		
<u>Segment notes</u>				
<p>The usage of this segment is highly not recommended.                  The IMD-Segment should be only used when the article can not be completely identified by EAN - Article number (see also ECR-Handbook chapter VIII).                  In this case the article can be specified by an internal industry code (assigned by the manufacturer) (DE7009). The codes in DE7009 must be published by the manufacturer. The code list itself can be specified in DE1131. DE3055 is used to specify the code list responsible agency (industry).                  In the IMD-Segment it is also possible to specify the in a free text form (DE7008).</p> <p>- Identification by using industry code list (DE7009); Optional; A/N 17                  DE7077 = B                  DE7081, DE7009, DE1131 and DE3055 are filled. DE7008 remains empty.</p> <p>Example:                  Code from the industry code list with value 001 is sent.                  IMD+B+35+4711:001:90'</p> <p>- Article description in free text form (DE7008), Optional; A/N 70                  DE7077 = A                  DE7081, DE7009, DE1131 and DE3055 remain empty. DE7008 is filled.</p> <p>Example:                  IMD+A++++:ARTICLE DESCRIPTION'</p> <p>DE7081: For further codes see the code list.</p>				

SG28 - M 200000 - LIN-IMD-QTY-DTM-FTX-SG32-SG33				
QTY - M 1 - Quantity				
Function : To specify a pertinent quantity.				
Segment number : 11				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C186 Quantity details</b>	M	<b>M</b>		
6063 Quantity type code qualifier	M an..3	<b>M</b>		21 = Ordered quantity
6060 Quantity	M an..35	<b>M</b>		
6411 Measurement unit code	C an..3	<b>D</b>		KGM = Kilogram LTR = Liter
<u>Segment notes</u>				
- Ordered quantity; Mandatory; N 7+3 QTY+21:50'				
DE6411: Measurement unit by variable quantity products (unit is not equal piece). For further codes see the code list.				

SG28 - M 200000 - LIN-IMD-QTY-DTM-FTX-SG32-SG33				
DTM - C 3- Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 12				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C507 Date/time/period</b>	M	<b>M</b>		
2005 Date or time or period function code qualifier	M an..3	<b>M</b>	*	364 = Minimum shelf life remaining at time of despatch period 2 = Delivery date/time, requested 63 = Delivery date/time, latest 64 = Delivery date/time, earliest 200 = Pick-up/collection date/time of cargo
2380 Date or time or period value	C an..35	<b>R</b>		
2379 Date or time or period format code	C an..3	<b>R</b>	*	102 = JJJJMMTT 203 = JJJJMMTTTHHMM 804 = Day
<u>Segment notes</u>				
- Delivery date for the current position (only if different from Header)(DE2005 = 2); Optional; D 12 DTM+2:200606120930:203'				
- Delivery date/time, earliest (DE2005 = 64); Optional; D 8 DTM+64:20050712:102'				
- Delivery date/time, latest (DE 2005 = 63); Optional; D 8 DTM+63:20050715:102'				
- Pick-up/collection date/time of cargo, (DE2005=200), Optional, D8-D12 DTM+200:201907081000:203'				
<b>REMARK:</b>				
The following rules apply when using 'Delivery date':				
- only Qualifier 2 or				
- Qualifier 64 and 63 together or				
- only Qualifier 64 or				
- only Qualifier 63				
- or only 200				
The Delivery date in this message is an optional field and should be provided either in the heading section or for each position. In case that Delivery date is submitted two times, as well in the heading section as on position level, the information on position level will override the information in the heading section.				
- Minimum shelf life remaining at time of despatch period (in days) (DE2005 = 364 and DE2379 = 804); Optional; N 3 DTM+364:30:804'				

SG28 - M 200000 - LIN-IMD-QTY-DTM-FTX-SG32-SG33				
FTX - C 2- Free text				
Function : To provide free form or coded text information. Segment number : 13				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>4451 Text subject code qualifier</b>	M an..3	<b>M</b>	*	PUR = Purchasing information CLR = Loading remarks
<b>4453 Free text function code</b>	C an..3	<b>N</b>		
<b>C107 Text reference</b>	C	<b>D</b>		Presort storing space in connection with DE4451 = CLR
4441 Free text value code	M an..17	<b>M</b>		
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>N</b>		
<b>C108 Text literal</b>	C	<b>D</b>		
4440 Free text value	M an..512	<b>M</b>		ECR allows max. 70 symbols
4440 Free text value	C an..512	<b>N</b>		
4440 Free text value	C an..512	<b>N</b>		
4440 Free text value	C an..512	<b>N</b>		
4440 Free text value	C an..512	<b>N</b>		
<b>3453 Language name code</b>	C an..3	<b>N</b>		
<b>4447 Free text format code</b>	C an..3	<b>N</b>		
<u>Segment notes</u>				
- Free text/Purchasing information (DE4440); Optional; A/N 70 FTX+PUR+++FREE PURCHASING INFORMATION'				
- Presort storing space in cross docking process (DE4451 = CLR und DE4441); Optional; A/N 17 FTX+CLR++3' The logistic unit must be presorted on the truck at rank 3 at the delivery.				



SG28 - M 200000 - LIN-IMD-QTY-DTM-FTX-SG32-SG33				
SG32 - C 1 - PRI				
PRI - M 1 - Price details				
Function : To specify price information.				
Segment number : 14				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C509 Price information</b>	C	<b>R</b>		
5125 Price code qualifier	M an..3	<b>M</b>	*	AAA = Calculation net
5118 Price amount	C n..15	<b>R</b>		
5375 Price type code	C an..3	<b>N</b>		
5387 Price specification code	C an..3	<b>N</b>		
5284 Unit price basis value	C n..9	<b>N</b>		
6411 Measurement unit code	C an..3	<b>N</b>		
<b>5213 Sub-line item price change operation code</b>	C an..3	<b>N</b>		
<u>Segment notes</u>				
- Net price; Optional; N 7+3				
PRI+AAA:55'				
If price information is used the currency must be specified in CUX-Segment (Heading section).				

SG28 - M 200000 - LIN-IMD-QTY-DTM-FTX-SG32-SG33				
SG33 - C 1 - RFF				
RFF - M 1 - Reference				
Function : To specify a reference.				
Segment number : 15				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C506 Reference</b>	M	<b>M</b>		
1153 Reference code qualifier	M an..3	<b>M</b>	*	PD = Promotion deal number
1154 Reference identifier	C an..70	<b>R</b>		
1156 Document line identifier	C an..6	<b>N</b>		
4000 Reference version identifier	C an..35	<b>N</b>		
1060 Revision identifier	C an..6	<b>N</b>		
<u>Segment notes</u>				
This segment is used to specify the promotion deal number to which the whole order refers.				
- Promotion deal number (DE1154); Optional; A/N 16				
RFF+PD:2312'				

UNS - M                    1 - Section control				
Function                    :                    To separate header, detail and summary sections of a message.				
Notes: 1. To be used by message designers when required to avoid ambiguities. Mandatory only if specified for the type of message concerned.				
Segment number    :    16				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>0081    Section identification</b>	M a1		*	S = Detail/summary section separation
<u>Segment notes</u>				
This segment is used to separate the detail and summary sections of the message.				
Example: UNS+S'				

UNT - M 1 - Message trailer				
Function : To end and check the completeness of a message.				
Segment number : 17				
Data element group/Data element	EDIFACT	ANW	*	Description
0074 Number of segments in the message	M n..6	M		The total number of segments in the message is detailed here.
0062 Message reference number	M an..14	M		The message reference number detailed here should equal the one specified in the UNH segment.
<u>Segment notes</u>				
This segment is a mandatory UN/EDIFACT segment.				
Example: UNT+83+ME000001'				

**Example:**

Minimal Occurrence:

EANCOM	DESCRIPTION
UNH+342+ORDERS:D:01B:UN:EAN010'	Message header
BGM+220+4448+9'	Order number
DTM+137:20060817:102'	Message date
NAD+BY+9000096000008::9'	Buyer
NAD+SU+9099999999991::9'	Supplier
LIN+1++9099999026543:SRV'	1. Article
QTY+21:200'	Ordered quantity
LIN+2++9099999087568:SRV'	2. Article
QTY+21:150'	Ordered quantity
UNS+S'	End of the detail section
UNT+11+342'	Message trailer

Maximal Occurrence:

EANCOM	DESCRIPTION
UNH+342+ORDERS:D:01B:UN:EAN010'	Message header
BGM+22E::9+3574+9'	Order number
DTM+137:20040817:102'	Message date
DTM+64:20060822:102'	Delivery date
DTM+63:20060824:102'	Delivery date
FTX+PUR++FREE PURCHASING INFORMATION'	Free text information
NAD+BY+9000096000008::9'	Buyer
NAD+SU+9099999999991::9'	Supplier
NAD+DP+9000096000008::9'	Delivery party
NAD+OB+9000096000008::9'	Ordered by
NAD+UC+9000096000008::9'	Ultimate consignee

NAD+IV+9000096000008::9'	Invoicee
CUX+2:EUR:9'	Currency
TDT+20++30'	Transport mode
LIN+1++9099999026543:SRV'	1. Article
IMD+A++:::SANSO'	Article description
QTY+21:200'	Ordered quantity
FTX+PUR+++PROMOTION'	Free text information
PRI+AAA:18'	Net price
LIN+2++9099999087568:SRV'	2. Article
QTY+21:150'	Ordered quantity
DTM+364:60:804'	Minimum shelf life remaining at time of despatch period
PRI+AAA:12.9'	Net price
RFF+PD:2929'	Promotion deal number
UNS+S'	End of the detail section
UNT+26+342'	Message trailer