Message definition
ORDERS - Purchasing order
FASHION - Austria
EANCOM 2002 (Syntax 3)
Version 1.1

Message Type:	ORDERS
Message Version:	010(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
SG5/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).
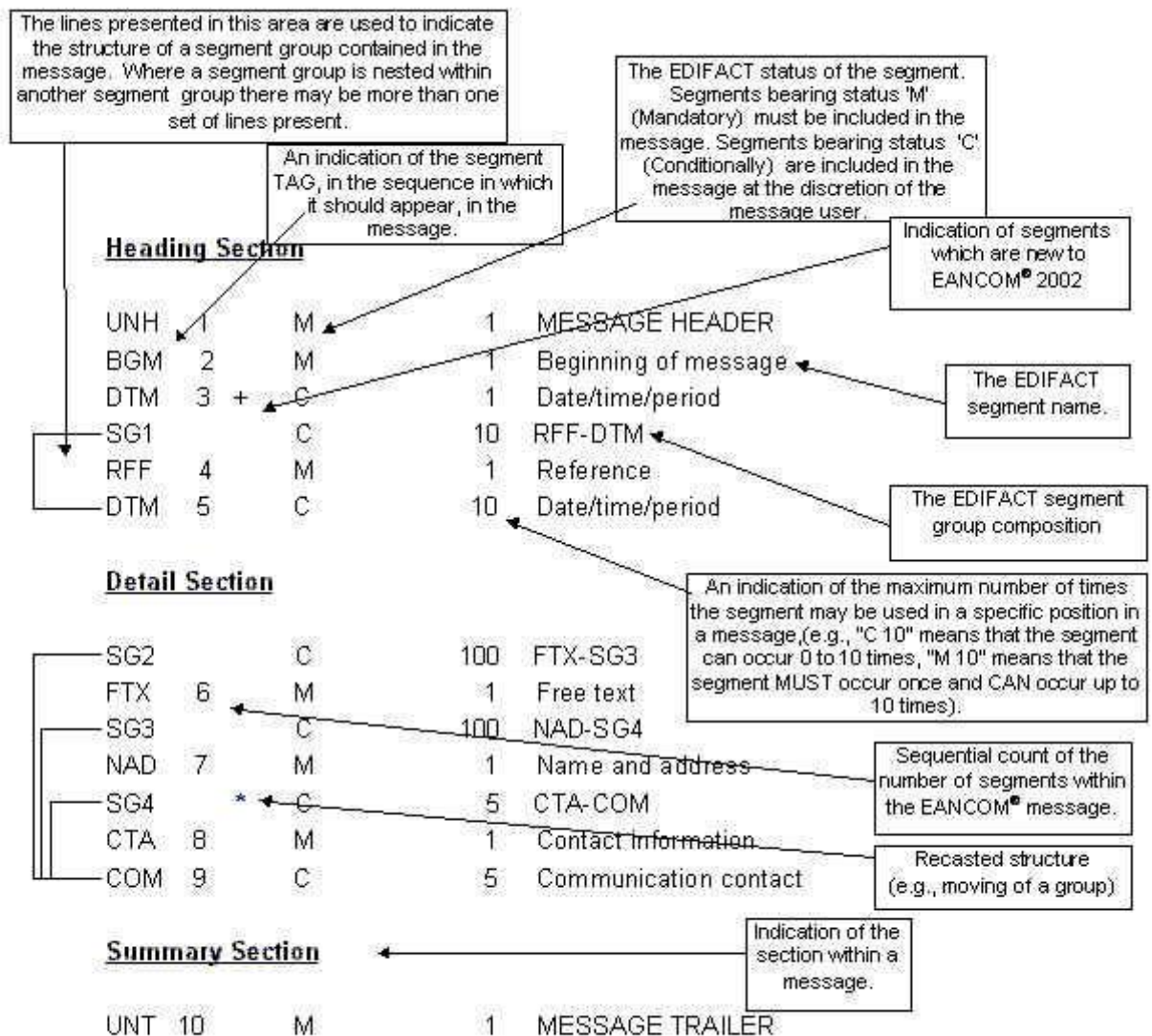
Document structure

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:

The lines presented in this area are used to indicate the structure of a segment group contained in the message. Where a segment group is nested within another segment group there may be more than one set of lines present.

An indication of the segment TAG, in the sequence in which it should appear, in the message.

The EDIFACT status of the segment. Segments bearing status 'M' (Mandatory) must be included in the message. Segments bearing status 'C' (Conditionally) are included in the message at the discretion of the message user.

Indication of segments which are new to EANCOM® 2002

Heading Section

UNH	1	M	1	MESSAGE HEADER
BGM	2	M	1	Beginning of message
DTM	3 +	C	1	Date/time/period
SG1		C	10	RFF-DTM
RFF	4	M	1	Reference
DTM	5	C	10	Date/time/period

The EDIFACT segment name.

The EDIFACT segment group composition

Detail Section

An indication of the maximum number of times the segment may be used in a specific position in a message,(e.g., "C 10" means that the segment can occur 0 to 10 times, "M 10" means that the segment MUST occur once and CAN occur up to 10 times).

SG2		C	100	FTX-SG3
FTX	6	M	1	Free text
SG3		C	100	NAD-SG4
NAD	7	M	1	Name and address
SG4	*	C	5	CTA-COM
CTA	8	M	1	Contact Information
COM	9	C	5	Communication contact

Sequential count of the number of segments within the EANCOM® message.

Recasted structure (e.g., moving of a group)

Summary Section

Indication of the section within a message.

UNT	10	M	1	MESSAGE TRAILER

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.

Message structure

Purchase order message

UNH	1	**M**	1	Message header
BGM	2	**M**	1	Beginning of message
DTM	3	**M**	3	Date/time/period
FTX	4	**C**	1	Free text
SG2		**M**	7	NAD-SG3-SG5
NAD	5	**M**	1	Name and address
SG3		**C**	1	RFF
RFF	6	**M**	1	Reference
SG5		**C**	1	CTA
CTA	7	**M**	1	Contact information
SG7		**C**	1	CUX
CUX	8	**M**	1	Currencies
SG28		**M**	200000	LIN-PIA-IMD-QTY-DTM-SG32-SG33
LIN	9	**M**	1	Line item
PIA	10	**C**	2	Additional product id
IMD	11	**C**	2	Item description
QTY	12	**M**	1	Quantity
DTM	13	**C**	2	Date/time/period
SG32		**C**	7	PRI-CUX
PRI	14	**M**	1	Price details
CUX	15	**C**	1	Currencies
SG33		**C**	1	RFF
RFF	16	**M**	1	Reference
UNS	17	**M**	1	Section control
UNT	18	**M**	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
Qualifier for Pre-/ Re-order		O	A/N 35		BGM	C002	1000	Document name
Order number	assigned by the buyer	M	A/N 16		BGM	C106	1004	Document identifier
Message status		M	A/N 3		BGM		1225	Message function code
Order date		M	D 8		DTM	C507	2380	Date or time or period value
Delivery date	earliest, latest, requested	O	D 8		DTM	C507	2380	Date or time or period value
Free text	Purchase information	O	A/N 256		FTX	C108	4440	Free text 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 no GLN, provide name and address in free text form	O	N 13	SG2	NAD	C082	3039	Party identifier
Ultimate customer	GLN, only if not identical with delivery party If no GLN, provide name and address in free text form	O	N 13	SG2	NAD	C082	3039	Party identifier
Ordered by	GLN, only if not identical with the buyer	O	N 13	SG2	NAD	C082	3039	Party identifier
Invoicee	GLN, only if not identical with the buyer	O	N 13	SG2	NAD	C082	3039	Party identifier
Ultimate consignee	GLN, only if not identical with 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

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BUSINESS TERMS

Business term	Description	Status	Format	Segment		Data element		
department	Identification of the ultimate consignee-department only in connection with the NAD+UC segment	K	A/N 17	SG5	CTA	C056	3413	Department or employee name co
Currency		O	A/N 3	SG7	CUX	C504	6345	Currency identification code
Position number		M	N 6	SG28	LIN		1082	Line item identifier
Item number	EAN	M	N 14	SG28	LIN	C212	7140	Item identifier
Internal number of the buyer		O	A/N 35	SG28	PIA	C212	7140	Item identifier
Internal number of the supplier		O	A/N 35	SG28	PIA	C212	7140	Item identifier
Colour / Size		O	A/N 17	SG28	IMD	C273	7009	Item description code
Quantity	ordered quantity, referring to EAN	M	N 7+3	SG28	QTY	C186	6060	Quantity
Delivery date for the actual position	earliest, latest, requested	O	D 8	SG28	DTM	C507	2380	Date or time or period value
Sales price		O	N 7+3	SG32	PRI	C509	5118	Price amount
Net price		O	N 7+3	SG32	PRI	C509	5118	Price amount
Gross calculation price		O	N 7+3	SG32	PRI	C509	5118	Price amount
Currency	in combination with sales price	O	A/N 3	SG32	CUX	C504	6345	Currency identification code
(End) Customer card number		O	A/N 70	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
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**	*	ORDERS = Purchase order 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**	*	EAN010 = 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+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
C002	**Document/message name**	C	**R**		
1001	Document name code	C an..3	**R**	*	220 =Order 22E = Manufacturer raised order (EAN Code) 402 = Cross docking order
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)
1000	Document name	C an..35	**O**	*	VOR = Preorder NACH = Re-order
C106	**Document/message identification**	C	**R**		
1004	Document identifier	C an..35	**R**		Order number; assigned by the buyer
1056	Version identifier	C an..9	**N**		
1060	Revision identifier	C an..6	**N**		
1225	**Message function code**	C an..3	**R**	*	9 = Original 31 = Copy
4343	**Response type code**	C an..3	**N**		

Segment notes

- Message type - Order (DE1001 = 220); Mandatory *); A/N 3
BGM+220+3574+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+3576+9'

- Message type - Cross docking order (DE1001 = 402); Mandatory *); A/N 3; see also the NAD-Segment
BGM+402+3575+9'

- Order number (DE1004); Mandatory; A/N 16
- Codes for Pre-/ReOrder (DE1000 = VOR or NACH); Optional;
BGM+220:::VOR+3574+9'

*) One of these message types (together with the order number) must be set.

DE 3055: This data element is used only when DE 1001 includes an EAN/GS1 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
C507 **Date/time/period**	M	**M**		
2005 Date or time or period function code qualifier	M an..3	**M**	*	2 = Delivery date/time, requested 137 = Document/message date/time 63 = Delivery date/time, latest 64 = Delivery date/time, earliest
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+137:20110301:102'

- Delivery date/time (DE2005 = 2); Optional; D 8 - D 12
DTM+2:20110302:102'

- 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'

REMARK:
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

FTX – C	1 –	Free text

Function	:	To provide free form or coded text information.

Segment number   :   4

Data element group/Data element	EDIFACT	ANW	*	Description
4451 **Text subject code qualifier**	M an..3	**M**	*	PUR = Purchasing information
4453 **Free text function code**	C an..3	**N**		
C107 **Text reference**	C	**N**		
4441 Free text value code	M an..17			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
C108 **Text literal**	C	**R**		
4440 Free text value	M an..512	**M**		
4440 Free text value	C an..512	**N**		
4440 Free text value	C an..512	**N**		
4440 Free text value	C an..512	**N**		
4440 Free text value	C an..512	**N**		
3453 **Language name code**	C an..3	**N**		
4447 **Free text format code**	C an..3	**N**		

Segment notes

- Free text/Purchasing information (DE4440); Optional; A/N 256
FTX+PUR+++PURCHASING INFORMATION'

SG2	– M	7 –	NAD-SG3-SG5

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	: 5	

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 there is no GLN for the delivery party, it should be identified in the following RFF-Segment with an internal number of the supplier:
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
By ultimate customers without GLN, use the free text.
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-SG5
SG3	– C	1 –	RFF
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**	*	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**		

<u>Segment notes</u>

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

SG2	– M	7 –	NAD-SG3-SG5
SG5	– C	1 –	CTA
CTA	– M	1 –	Contact information

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

Segment number   :   7

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.

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   :   8

Data element group/Data element	EDIFACT	ANW	*	Description
C504	**Currency details**	C	**R**		
6347	Currency usage code qualifier	M an..3	**M**	*	2 = Reference currency
6345	Currency identification code	C an..3	**R**		EUR = Euro
6343	Currency type code qualifier	C an..3	**R**	*	9 = Order currency
6348	Currency rate value	C n..4	**N**		
C504	**Currency details**	C	**N**		
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			
5402	**Currency exchange rate**	C n..12	**N**		
6341	**Exchange rate currency market identifier**	C an..3	**N**		

Segment notes

- 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.

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SG28	– M	200000 –	LIN-PIA-IMD-QTY-DTM-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
1082	**Line item identifier**	C an..6	**R**		Application generated number of the item lines within the Order. 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 - this is the 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 of the order.

- 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'

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SG28	– M	200000 –	LIN-PIA-IMD-QTY-DTM-SG32-SG33

PIA	– C	2 –	Additional product id

Function	:	To specify additional or substitutional item identification codes.
Segment number	:	10

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 = Supplier's article 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			
1131	Code list identification code	C an..17			

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

Segment notes

- Internal number of the buyer; Optional; A/N 35
PIA+1+1230815:IN'

- Internal number of the supplier; Optional; A/N 35
PIA+1+9438444:SA'

SG28	– M	200000 –	LIN-PIA-IMD-QTY-DTM-SG32-SG33

IMD	– C	2 –	Item description

Function	:	To describe an item in either an industry or free format.
Segment number	:	11

Data element group/Data element		EDIFACT	ANW	∗	Description
7077	**Description format code**	C an..3	**R**	∗	B = Code and text
C272	**Item characteristic**	C	**M**		
7081	Item characteristic code	C an..3	**M**	∗	35 = Colour 98 = Size
1131	Code list identification code	C an..17	**N**		
3055	Code list responsible agency code	C an..3	**N**		
C273	**Item description**	C	**R**		
7009	Item description code	C an..17	**M**		Code from the industry code list
1131	Code list identification code	C an..17	**O**		Number of the industry code list
3055	Code list responsible agency code	C an..3	**O**		90 = Assigned by manufacturer 91 = Assigned by supplier or supplier's agent
7008	Item description	C an..256	**N**		
7008	Item description	C an..256	**N**		
3453	Language name code	C an..3	**N**		
7383	**Surface or layer code**	C an..3	**N**		

Segment notes

The IMD-Segment should be only used when the article cannot be identified only by EAN - Article number.
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).

- Identification by using industry code list (DE7009); Optional; A/N 17
IMD+B+35+4711'

SG28 – M	200000 – LIN-PIA-IMD-QTY-DTM-SG32-SG33

QTY – M	1 – Quantity

Function	:	To specify a pertinent quantity.

Segment number   :   12

Data element group/Data element		EDIFACT	ANW	*	Description
C186	**Quantity details**	M	**M**		
6063	Quantity type code qualifier	M an..3	**M**	*	21 = Ordered quantity
6060	Quantity	M an..35	**M**		
6411	Measurement unit code	C an..3	**O**		

Segment notes

- Ordered quantity, related to the GTIN; (EAN-Article number); Mandatory; N 7+3
QTY+21:50'

SG28	– M	200000 –	LIN-PIA-IMD-QTY-DTM-SG32-SG33

DTM	– C	2 –	Date/time/period

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

Segment number   :   13

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**	*	2 = Delivery date/time, requested 63 = Delivery date/time, latest 64 = Delivery date/time, earliest
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

- Delivery date for the current position; Optional *); D 8
DTM+2:20110302:102'

- 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'

REMARK:
The following rules apply when using 'Delivery date':
- only Qualifier 2
- Qualifier 64 and 63 together
- only Qualifier 64
- only Qualifier 63

*) If delivery date on position is different from header, the information on header will be overwritten.

SG28	– M	200000 –	LIN-PIA-IMD-QTY-DTM-SG32-SG33
SG32	– C	7 –	PRI-CUX
PRI	– M	1 –	Price details

Function   :   To specify price information.

Segment number   :   14

Data element group/Data element	EDIFACT	ANW	*	Description
C509 **Price information**	C	**R**		
5125 Price code qualifier	M an..3	**M**	*	AAE = Information price, excluding allowances or charges, including taxes
				AAA = Calculation net
				AAB = Calculation gross
5118 Price amount	C n..15	**R**		
5375 Price type code	C an..3	**N**		
5387 Price specification code	C an..3	**O**	*	SRP = Suggested retail price
5284 Unit price basis value	C n..9	**O**		
6411 Measurement unit code	C an..3	**O**		
5213 **Sub-line item price change operation code**	C an..3	**N**		

Segment notes

If price information is used the currency must be specified in CUX-Segment (Heading section).
- Sales Price (= etiquette price) incl. VAT, excl. Allowance/Charge; Optional *) ; N 7+3
PRI+AAE:19.98::SRP'

- Net price excl. VAT, incl. Allowance/Charge; Optional; N 7+3
PRI+AAA:10'

-Gross calculation price excl. VAT, excl. Allowance/Charge; Optional; N 7+3
PRI+AAB:12'

*) In case of an etiquette service the different sales prices in different currencies should be sent together with the belonging currency and exactly in the row how these appear on the etiquette.

SG28	– M	200000 –	LIN-PIA-IMD-QTY-DTM-SG32-SG33
SG32	– C	7 –	PRI-CUX
CUX	– C	1 –	Currencies

Function   :   To specify currencies used in the transaction and relevant details for the rate of exchange.

Segment number   :   15

Data element group/Data element		EDIFACT	ANW	*	Description
C504	**Currency details**	C	**R**		
6347	Currency usage code qualifier	M an..3	**M**	*	2 = Reference currency
6345	Currency identification code	C an..3	**R**		EUR = Euro
6343	Currency type code qualifier	C an..3	**R**	*	9 = Order currency
6348	Currency rate value	C n..4	**N**		
C504	**Currency details**	C	**N**		
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			
5402	**Currency exchange rate**	C n..12	**N**		
6341	**Exchange rate currency market identifier**	C an..3	**N**		

Segment notes

- Currency; Optional; A/N 3
CUX+2:EUR:9'

*) In case of an etiquette service the different sales prices in different currencies should be sent together with the belonging currency and exactly in the row how these appear on the etiquette.

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SG28	– M	200000 –	LIN-PIA-IMD-QTY-DTM-SG32-SG33

SG33	– C	1 –	RFF

RFF	– M	1 –	Reference

Function   :   To specify a reference.

Segment number   :   16

Data element group/Data element	EDIFACT	ANW	*	Description
C506 **Reference**	M	**M**		
1153 Reference code qualifier	M an..3	**M**	*	IT = Internal customer number
1154 Reference identifier	C an..70	**M**		
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

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

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 : 17		

Data element group/Data element	EDIFACT	ANW	*	Description
0081 Section identification	M a1		*	S = Detail/summary section separation

Segment notes

This segment is used to separate the detail and summary sections of the message.

Example:
UNS+S'

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UNT – M	1 –	Message trailer			
Function :		To end and check the completeness of a message.			
Segment number : 18					
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 here.
Segment notes					
This segment is a mandatory UN/EDIFACT segment.					
Example:					
UNT+83+ME000001'					

Example:

EANCOM	DESCRIPTION
UNH+F001+ORDERS:D:01B:UN:EAN010'	Message Header
BGM+220:::VOR+3574+9'	Order number
DTM+137:20110517:102'	Message date
DTM+64:20110518:102'	Delivery date, earliest
DTM+63:20110520:102'	Delivery date, latest
FTX+PUR+++PURCHASING INFORMATION'	Free text information
NAD+BY+9000096000008::9'	Buyer
NAD+SU+9099999999991::9'	Supplier
NAD+DP+++EDI-LAND:Herr Laufen:Garage+Bussardweg 5+Wien++1120+AT'	Delivery party
RFF+YC1:12345'	Additional party identification (internal supplier number)
NAD+OB+9000096000008::9'	Ordered by
NAD+IV+9099999012560::9'	Invoicee
CUX+2:EUR:9'	Currency
LIN+1++9099999026543:SRV'	1. Article
PIA+1+1230815:IN'	Internal number of the buyer
IMD+B+35+47111'	Colour
IMD+B+98+41'	Size
QTY+21:200'	Ordered quantity
DTM+2:20110519:102'	Delivery date for the actual position
PRI+AAE:19.98::SRP'	Sales price
PRI+AAA:19'	Net price
PRI+AAB:19.50'	Gross calculation price
LIN+2++9099999087568:SRV'	2. Article
PIA+1+1230816:SA'	Internal number of the supplier
QTY+21:150'	Ordered quantity
DTM+2:20110519:102'	Delivery date for the actual position
PRI+AAA:2 '	Net price
PRI+AAE:2.70::SRP'	1. Sales price
CUX+2:EUR:9'	1. Sales price - EURO

PRI+AAE:7.70::SRP'	2. Sales price
CUX+2:BGN:9'	2. Sales price - BGN
PRI+AAE:333.70::SRP'	3. Sales price
CUX+2:PLN:9'	3. Sales price - PLN
PRI+AAB:2.5'	Gross calculation price
RFF+IT:112233'	Customer card number
UNS+S'	End of sequence
UNT+37+F001'	End of message