



# Message Implementation Guideline

## ORDRSP – Order Response

### PHARMA Initiative Austria

### EANCOM 2002 Syntax 3

### Version 1.0

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

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## **Definition**

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

Purchase Order Response is a message responding to a Purchase Order message or a Purchase Order Work Request message under conditions agreed between the supplier and the buyer.

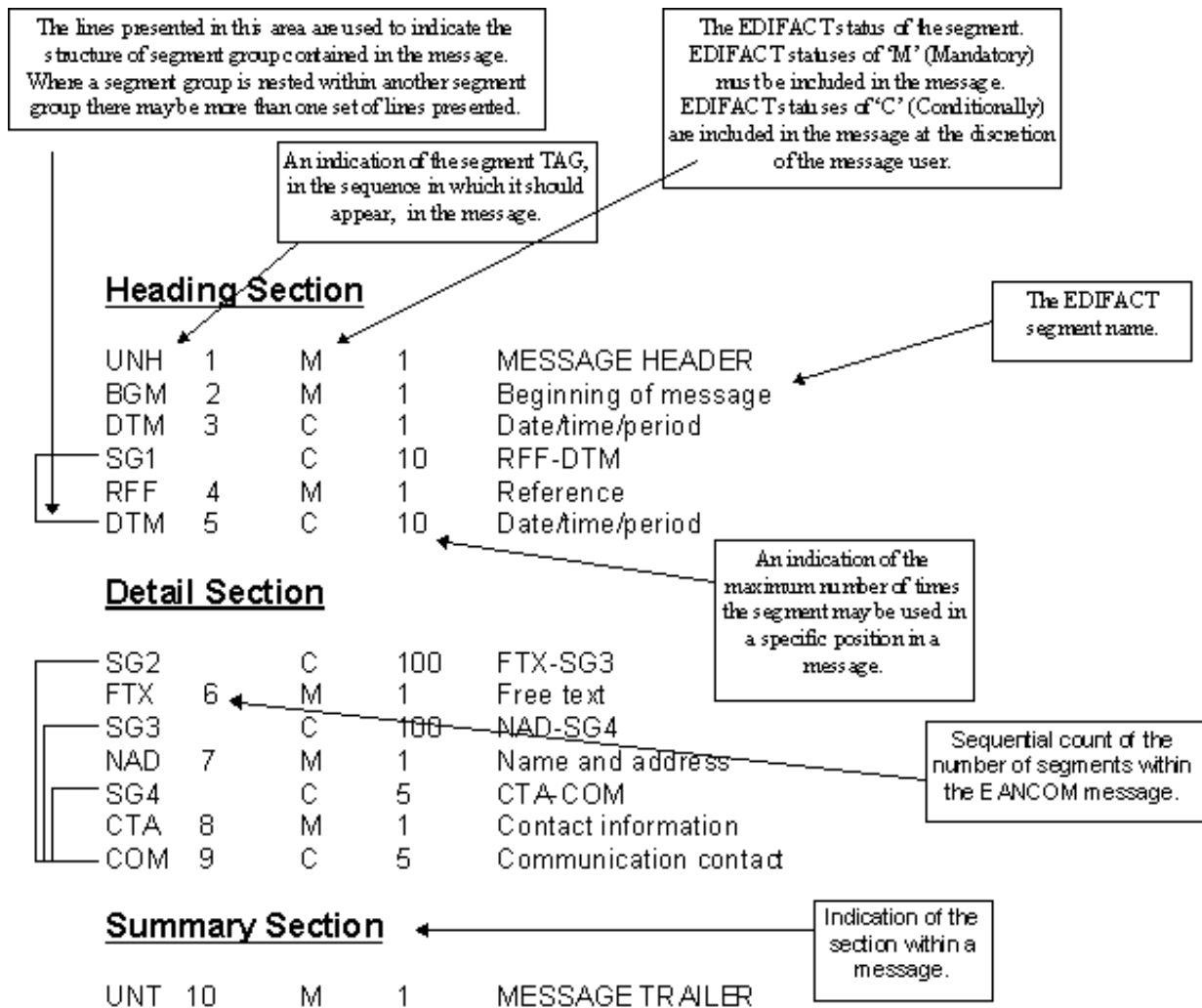
## **Principles**

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

## **Message structure chart**

Within every EANCOM<sup>®</sup> message a diagram is presented which explains the structure of the message.

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



## Segments Layout

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

### Notes:

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

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

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

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

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

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

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

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

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

## Message structure

**Purchase order response message**

<b>UNA</b>	1	<b>C</b>	1	Service string advice
<b>UNB</b>	2	<b>M</b>	1	Interchange header
<b>UNH</b>	3	<b>M</b>	1	Message header
<b>BGM</b>	4	<b>M</b>	1	Beginning of message
<b>DTM</b>	5	<b>M</b>	2	Date/time/period
<b>FTX</b>	6	<b>C</b>	1	Free text
<b>SG1</b>		<b>M</b>	2	RFF-DTM
<b>RFF</b>	7	<b>M</b>	1	Reference
<b>DTM</b>	8	<b>C</b>	1	Date/time/period
<b>SG3</b>		<b>M</b>	5	NAD-SG6
<b>NAD</b>	9	<b>M</b>	1	Name and address
<b>SG6</b>		<b>C</b>	1	CTA-COM
<b>CTA</b>	10	<b>M</b>	1	Contact information
<b>COM</b>	11	<b>C</b>	2	Communication contact
<b>SG8</b>		<b>C</b>	1	CUX
<b>CUX</b>	12	<b>M</b>	1	Currencies
<b>SG10</b>		<b>C</b>	1	TDT
<b>TDT</b>	13	<b>M</b>	1	Details of transport
<b>SG12</b>		<b>C</b>	1	TOD
<b>TOD</b>	14	<b>M</b>	1	Terms of delivery or transport
<b>SG26</b>		<b>M</b>	200000	LIN-PIA-IMD-QTY-DTM-QVR-SG30-SG31-SG36-SG41
<b>LIN</b>	15	<b>M</b>	1	Line item
<b>PIA</b>	16	<b>C</b>	4	Additional product id
<b>IMD</b>	17	<b>C</b>	1	Item description
<b>QTY</b>	18	<b>M</b>	2	Quantity
<b>DTM</b>	19	<b>C</b>	3	Date/time/period
<b>QVR</b>	20	<b>C</b>	1	Quantity variances
<b>SG30</b>		<b>C</b>	3	PRI
<b>PRI</b>	21	<b>M</b>	1	Price details
<b>SG31</b>		<b>C</b>	1	RFF
<b>RFF</b>	22	<b>M</b>	1	Reference
<b>SG36</b>		<b>C</b>	1	TAX
<b>TAX</b>	23	<b>M</b>	1	Duty/tax/fee details
<b>SG41</b>		<b>C</b>	15	ALC-SG43-SG44
<b>ALC</b>	24	<b>M</b>	1	Allowance or charge
<b>SG43</b>		<b>C</b>	1	PCD
<b>PCD</b>	25	<b>M</b>	1	Percentage details
<b>SG44</b>		<b>C</b>	2	MOA
<b>MOA</b>	26	<b>M</b>	1	Monetary amount
<b>UNS</b>	27	<b>M</b>	1	Section control
<b>UNT</b>	28	<b>M</b>	1	Message trailer
<b>UNZ</b>	29	<b>M</b>	1	Interchange trailer

**BUSINESS TERMS**

Business term	Description	Status	Format	Segment		Data element	
Message type		M	A/N 3	BGM		C002 1001	Document name code
Number of the Purchase order response		M	A/N 16	BGM		C106 1004	Document identifier
Message function		M	A/N 3	BGM		1225	Message function code
Date of the purchase order response		M	D 8	DTM		C507 2380	Date or time or period value
Delivery date	latest, requested	O	D 8	DTM		C507 2380	Date or time or period value
Pick-up/collection date/time of cargo		O	D 8	DTM		C507 2380	Date or time or period value
Free text	Purchasing information	O	A/N 350	FTX		C108 4440	Free text value
Order number	Buyer	M	A/N 16	SG1	RFF	C506 1154	Reference identifier
Order number	Supplier	O	A/N 16	SG1	RFF	C506 1154	Reference identifier
Order date	Date of the order	O	D 8	SG1	DTM	C507 2380	Date or time or period value
Buyer	GLN	M	N 13	SG3	NAD	C082 3039	Party identifier
Supplier	GLN	M	N 13	SG3	NAD	C082 3039	Party identifier
Delivery party	GLN, if no GLN free text	O	N 13	SG3	NAD	C082 3039	Party identifier
Issuer of invoice	GLN	O	N 13	SG3	NAD	C082 3039	Party identifier
Invoicee	GLN, only if different from buyer	O	N 13	SG3	NAD	C082 3039	Party identifier
Name of the delivery party	only if no GLN is available	O	A/N 10	SG3	NAD	C080 3036	Party name

**BUSINESS TERMS**

Business term	Description	Status	Format	Segment		Data element		
Street of delivery party	only if no GLN is available	O	A/N 35	SG3	NAD	C059	3042	Street and number or post office b
Place of delivery party	only if no GLN is available	O	A/N 35	SG3	NAD		3164	City name
Postal identification code of the delivery party	only if no GLN is available	O	A/N 17	SG3	NAD		3251	Postal identification code
Country name code of the delivery party	only if no GLN is available	O	A/N 3	SG3	NAD		3207	Country name code
Delivery contact	Name on side of the supplier	O	A/N 35	SG6	CTA	C056	3412	Department or employee name
Communication address identifier	E-Mail and/or telephone Nr.	O	A/N 51	SG6	COM	C076	3148	Communication address identifier
Currency		O	A/N 3	SG8	CUX	C504	6345	Currency identification code
Transport mode	Qualifier	O	A/N 3	SG10	TDT	C220	8067	Transport mode name code
Means of transport	Qualifier	O	A/N 8	SG10	TDT	C228	8179	Transport means description code
Terms of delivery or transport	Pick up or delivery	O	A/N 3	SG12	TOD		4055	Delivery or transport terms function
		O	A/N 3	SG12	TOD		4215	Transport charges payment metho
Payment method transport	Delivery method for the transport costs	O	A/N 3	SG12	TOD		4215	Transport charges payment metho
Position number		M	N 6	SG26	LIN		1082	Line item identifier
Status	Status for the actual position, e.g. changed	M	A/N 3	SG26	LIN		1229	Action request/notification descripti

**BUSINESS TERMS**

Business term	Description	Status	Format	Segment	Data element
Article number	EAN - see the segment description	M*	N 14	SG26 LIN	C212 7140 Item identifier
PZN (Austria Pharmacy Central Number)	see segment description	M*	A/N 35	SG26 PIA	C212 7140 Item identifier
Internal number of the supplier		O	A/N 35	SG26 PIA	C212 7140 Item identifier
Batch number		O	A/N 35	SG26 PIA	C212 7140 Item identifier
Global Trade Item Number, EAN/GTIN		O	A/N 14	SG26 PIA	C212 7140 Item identifier
Free-form long description		O	A/N 70	SG26 IMD	C273 7008 Item description
Quantity	Ordered quantity	M	N 7+3	SG26 QTY	C186 6060 Quantity
Quantity	Free goods quantity	O	N 7+3	SG26 QTY	C186 6060 Quantity
Delivery date for the actual position	on the item level –the latest or the required date of delivery or pickup is needed only if different from the header	O	D 8	SG26 DTM	C507 2380 Date or time or period value
Minimum shelf life remaining at time of despatch period	Remaining time in days from the requested delivery date	O	N 3	SG26 DTM	C507 2380 Date or time or period value
Availability date	Date information for non-deliverable quantity	O	D 8	SG26 DTM	C507 2380 Date or time or period value
Quantity variances	Shipment-partial: no back order, back-order to follow, over-delivery	O	N 7+3	SG26 QVR	C279



**BUSINESS TERMS**

Business term	Description	Status	Format	Segment	Data element
Discrepancy-type	Shipment-partial: back order to follow, no backorder	O	A/N 3	SG26 QVR	4221 Discrepancy nature identification c
Discrepancy-type	Shipment complete with additional quantity	O	A/N 3	SG26 QVR	4221 Discrepancy nature identification c
Reason for change	coded	O	A/N 3	SG26 QVR	C960
Reason for variance	= adapted to code list	M	A/N 3	SG26 QVR	C960 4295 Change reason description code
Net price	excl VAT, minus discounts	O	N 7+3	SG30 PRI	C509 5118 Price amount
Gross calculation price	excl. VAT, excl. Allowance/Charge	O	N 7+3	SG30 PRI	C509 5118 Price amount
Information price, excluding allowances or charges and taxes	excl. VAT	O	N 7+3	SG30 PRI	C509 5118 Price amount
Contract number		O	A/N 70	SG31 RFF	C506 1154 Reference identifier
Order number (buyer)		O	A/N 70	SG31 RFF	C506 1154 Reference identifier
VAT rate	as percentage	M	N 2+2	SG36 TAX	C243 5278 Duty or tax or fee rate
Allowance/Charge percent		O	N 2+2	SG43 PCD	C501 5482 Percentage
Allowance or charge amount	Field repetition possible ( only for information)	O	N 7+3	SG44 MOA	C516 5004 Monetary amount
Charge/allowance basis		O	N 7+3	SG44 MOA	C516 5004 Monetary amount

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

UNB - M 1 - Interchange header				
Function : To start, identify and specify an interchange.				
Segmentnummer : 2				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>S001 Syntax identifier</b>	M	M		
0001 Syntax identifier	M a4	M	*	UNOC = UN/ECE level C
0002 Syntax version number	M n1	M	*	3 = Version 3
<b>S002 Interchange sender</b>	M	M		
0004 Sender identification	M an..35	M		GLN (n13)
0007 Partner identification code qualifier	C an..4	R	*	14 = EAN International
0008 Address for reverse routing	C an..14	N		
<b>S003 Interchange recipient</b>	M	M		
0010 Recipient identification	M an..35	M		GLN (n13)
0007 Partner identification code qualifier	C an..4	R	*	14 = EAN International.
0014 Routing address	C an..14	O		
<b>S004 Date/time of preparation</b>	M	M		
0017 Date of preparation	M n6	M		YYMMDD
0019 Time of preparation	M n4	M		HHMM
<b>0020 Interchange control reference</b>	M an..14	M		Unique reference identifying the interchange. Created by the interchange sender.
<b>S005 Recipient's reference, password</b>	C	O		
0022 Recipient's reference/password	M an..14	M		
0025 Recipient's reference/password qualifier	C an2	O		
<b>0026 Application reference</b>	C an..14	O		Message identification if the interchange contains only one type of message.
<b>0029 Processing priority code</b>	C a1	O		A = Highest priority
<b>0031 Acknowledgement request</b>	C n1	O		
<b>0032 Communications agreement ID</b>	C an..35	O		
<b>0035 Test indicator</b>	C n1	O		1 = Interchange is a test

Segment notes:

The UNB segment is used to envelope the interchange and also to identify the party for whom the interchange is intended and the party who has sent the interchange. The principle of the UNB segment is the same as a physical envelope which covers one or more letters or documents and which details the address where delivery is to take place and the address from where the envelope has come.

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

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

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

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

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

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

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

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

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

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

## Example:

UNB+UNOC:3+5412345678908:14+8798765432106:14+020102:1000+12345555+++++EANCOMREF 52'

UNH - M 1 - Message header				
Function : To head, identify and specify a message.				
Segmentnummer : 3				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>0062</b> Message reference number	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</b> Message identifier	M	<b>M</b>		
0065 Message type	M an..6	<b>M</b>	*	ORDRSP = Purchase order response 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>	*	EAN007 = EAN version control number (EAN Code)
<b>0068</b> Common access reference	C an..35	<b>N</b>		
<b>S010</b> Status of the transfer	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+ORDRSP: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.				
Segmentnummer :					4				
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>M</b>	*	231 = Purchase order response				
1131	Code list identification code	C an..17	<b>N</b>						
3055	Code list responsible agency code	C an..3	<b>N</b>						
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>		Number of the Purchase order response; assigned by the sender of this document.				
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				
<b>4343</b>	<b>Response type code</b>	C an..3	<b>N</b>						
<u>Segment notes:</u>									
- Message type - Order response (DE1001 = 231); Mandatory; A/N 3									
- Number of the order response; Mandatory; A/N 16									
BGM+231+1111+29'									

DTM - M                    2 - Date/time/period				
Function                    :                    To specify date, and/or time, or period.				
Segmentnummer        :        5				
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 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
<u>Segment notes:</u>				
- Message date (DE2005 = 137); Mandatory; D 8 DTM+137:20110301:102'				
- Delivery date/time (DE2005 = 2); Optional *); D 8 DTM+2:20110302:102'				
- Delivery date/time, latest (DE 2005 = 63); Optional*); D 8 DTM+63:20110304:102'				
- Pick-up/collection date/time of cargo (DE2005 = 200); Optional *); D 8 DTM+200:20120101:102'				
*) One of these fields must be set				

FTX - C 1 - Free text				
Function : To provide free form or coded text information.				
Segmentnummer : 6				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>4451 Text subject code qualifier</b>	M an..3	<b>M</b>	*	PUR = Purchasing information
<b>4453 Free text function code</b>	C an..3	<b>N</b>		
<b>C107 Text reference</b>	C	<b>N</b>		Pharma EDI Austria allows maximum 350 characters
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			
<b>C108 Text literal</b>	C	<b>R</b>		
4440 Free text value	M an..512	<b>M</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>		
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 350 FTX+PUR+++PURCHASING INFORMATION'				



SG1 - M 2 - RFF-DTM				
RFF - M 1 - Reference				
Function : To specify a reference.				
Segmentnummer : 7				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C506 Reference</b>	<b>M</b>	<b>M</b>		
1153 Reference code qualifier	M an..3	<b>M</b>	*	ON = Order number (buyer) VN = Order number (supplier)
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			
<u>Segment notes:</u>				
This segment is used to reference the purchase order to which the order response refer to.				
- Order number; Mandatory; A/N 16 RFF+ON:2020'				
- Order number (supplier); Optional; A/N 16 RFF+VN:3434'				

SG1 - M                    2 - RFF-DTM				
DTM - C                    1 - Date/time/period				
Function                    :            To specify date, and/or time, or period.				
Segmentnummer        :    8				
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>	*	171 = Reference date/time
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
<u>Segment notes:</u>				
- Order date; Optional; D 8 DTM+171:20110605:102'				

SG3 - M 5 - NAD-SG6				
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.				
Segmentnummer : 9				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>3035 Party function code qualifier</b>	M an..3	<b>M</b>	*	BY = Buyer SU = Supplier DP = Delivery party IV = Invoicee II = Issuer of invoice
<b>C082 Party identification details</b>	C	<b>D</b>		
3039 Party identifier	M an..35	<b>R</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>D</b>		
3036 Party name	M an..35	<b>M</b>		Name of the delivery party
3036 Party name	C an..35	<b>O</b>		
3036 Party name	C an..35	<b>O</b>		
3036 Party name	C an..35	<b>N</b>		
3036 Party name	C an..35	<b>N</b>		
3045 Party name format code	C an..3	<b>N</b>		
<b>C059 Street</b>	C	<b>D</b>		
3042 Street and number or post office box identifier	M an..35	<b>M</b>		Street of delivery party
3042 Street and number or post office box identifier	C an..35	<b>N</b>		
3042 Street and number or post office box identifier	C an..35	<b>N</b>		
3042 Street and number or post office box identifier	C an..35	<b>N</b>		

Data element group/Data element	EDIFACT	ANW	*	Description
<b>3164 City name</b>	C an..35	<b>D</b>		Place of delivery party
<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			
3228 Country sub-entity name	C an..70			
<b>3251 Postal identification code</b>	C an..17	<b>D</b>		Postal code, code of the delivery party
<b>3207 Country name code</b>	C an..3	<b>D</b>		Country name, code of the delivery party
<u>Segment notes:</u>				
- Buyer (DE3035 = BY); Mandatory; N 13 NAD+BY+901234500004::9'				
- Supplier (DE3035 = SU); Mandatory; N 13 NAD+SU+9012345000011::9'				
- Delivery party (DE3035 = DP); Optional; N 13 NAD+DP+9012345000028::9'				
- Invoicee (DE3035 = IV); Optional; N 13 NAD+IV+9012345000059::9'				
- Issuer of invoice (DE3035 = II); Optional; N 13 NAD+II+9099999300414::9'				
For identification of parties the GLN (Global Location Number) is primarily used. Free text is allowed only for the Delivery party (DP) if no GLN is available NAD+DP+++EDI-LAND:Herr Laufen:Garage+Bussardweg 5+Wien++1120+AT'				

SG3 - M	5 - NAD-SG6			
SG6 - C	1 - CTA-COM			
CTA - M	1 - Contact information			
Function :	To identify a person or a department to whom communication should be directed.			
Segmentnummer :	10			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>3139 Contact function code</b>	C an..3	<b>M</b>	*	DL = Delivery contact
<b>C056 Department or employee details</b>	C	<b>M</b>		
3413 Department or employee name code	C an..17	<b>N</b>		
3412 Department or employee name	C an..35	<b>M</b>		free text
<u>Segment notes:</u>				
-Function of contact person (DE3139 = DL); Optional; A/N 35 CTA+DL+:MAX MUSTERMANN'				
The CTA segment can only be used in conjunction with the supplier (NAD+SU) segment.				

SG3 - M	5 - NAD-SG6			
SG6 - C	1 - CTA-COM			
COM - C	2- Communication contact			
Function :	To identify a communication number of a department or a person to whom communication should be directed.			
Segmentnummer :	11			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C076 Communication contact</b>	M	<b>M</b>		
3148 Communication address identifier	M an..512	<b>M</b>		
3155 Communication address code qualifier	M an..3	<b>M</b>	*	EM = Electronic mail TE = Telephone
<u>Segment notes:</u>				
This segment is used to provide communications number, and the communication type of the clerk or department specified in the CTA segment.				
Example: COM+003222271020:TE' COM+EINKAUF@TESTFIRMA.AT:EM'				

SG8 - C 1 - CUX				
CUX - M 1 - Currencies				
Function : To specify currencies used in the transaction and relevant details for the rate of exchange.				
Segmentnummer : 12				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C504 Currency details</b>	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		
<b>C504 Currency details</b>	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			
<b>5402 Currency exchange rate</b>	C n..12	N		
<b>6341 Exchange rate currency market identifier</b>	C an..3	N		
<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 are 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.			
Segmentnummer :		13			
Data element group/Data element		EDIFACT	ANW	*	Description
<b>8051</b>	<b>Transport stage code qualifier</b>	M an..3	<b>M</b>	*	20 = Main-carriage transport
<b>8028</b>	<b>Means of transport journey identifier</b>	N an..17	<b>N</b>		
<b>C220</b>	<b>Mode of transport</b>	C	<b>M</b>		
8067	Transport mode name code	C an..3	<b>R</b>	*	10 Maritime transport 20 = Rail transport 30 = Road transport 40 = Air transport 50 = Mail 100 = Courier service (EAN Code)
8066	Transport mode name	N an..17	<b>N</b>		
<b>C228</b>	<b>Transport means</b>	M	<b>M</b>		
8179	Transport means description code	C an..8	<b>M</b>	*	25 = Rail express 31 Truck X3 = Truck up to 3,5 tons (EAN Code) X04 = Courier express (EAN Code - book) X10 = Mail express (EAN Code - book)
8178	Transport means description	C an..17			
<b>C040</b>	<b>Carrier</b>	N	<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</b>	<b>Transit direction indicator code</b>	N an..3	<b>N</b>		
<b>C401</b>	<b>Excess transportation information</b>	N	<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</b>	<b>Transport identification</b>	N	<b>N</b>		
8213	Transport means identification name identifier	C an..9			



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			
8212 Transport means identification name	C an..35			
8453 Transport means nationality code	C an..3			
<b>8281 Transport means ownership indicator code</b>	N an..3	N		
<p><u>Segment notes:</u></p> <p>Transport mode (DE 8067) and transport means (DE 8179); Optional</p> <p>DE8179, DE8067: for further codes see the code list.</p> <p>If there is no TDT Segment in the order it is possibly applicable an existing standard agreement with the supplier about the transport details.</p> <p>Example: TDT+20++20+31'</p>				

SG12 - C                    1 - TOD				
TOD - M                    1 - Terms of delivery or transport				
Function                    :            To specify terms of delivery or transport.				
Segmentnummer        : 14				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>4055    Delivery or transport terms function code</b>	M an..3	<b>M</b>	*	4 = Collected by customer 10E = Delivered by supplier (EAN Code)
<b>4215    Transport charges payment method code</b>	O an..3	<b>O</b>	*	NC = Service freight, no charge CC = Collect CF = Collect, freight credited to payment customer MX = Mixed
<b>C100    Terms of delivery or transport</b>	C	<b>N</b>		
4053    Delivery or transport terms description code	C an..3			
1131    Code list identification code	C an..17			
3055    Code list responsible agency code	C an..3			
4052    Delivery or transport terms description	C an..70			
4052    Delivery or transport terms description	C an..70			
<u>Segment notes:</u>				
In this segment the self-pickup or delivery is specified. In addition the payment method for the transport costs can be defined.				
If the order does not contain a TOD segment, then ,the delivery-service' is valid, or respectively a standard- existing supply agreement with the supplier				
Example: TOD+10E+CC'				

SG26 - M 200000 - LIN-PIA-IMD-QTY-DTM-QVR-SG30-SG31-SG36-SG41				
LIN - M 1 - Line item				
Function : To identify a line item and configuration.				
Segmentnummer : 15				
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 Order Response. The number must be unique and ascending within the message.
<b>1229 Action request/notification description code</b>	C an..3	<b>R</b>		3 = Changed 5 = Accepted without amendment 7 = Not accepted
<b>C212 Item number identification</b>	C	<b>D</b>		
7140 Item identifier	C an..35	<b>R</b>		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	<b>R</b>	*	SRV = EAN.UCC Global Trade Item Number
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>		
<b>7083 Configuration operation code</b>	C an..3	<b>N</b>		
<u>Segment notes:</u>				
The LIN-Segment indicates the beginning of the Detail Section of the order.				
For identifying the products, GTIN is used primarily.				
- 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!				
- Action request, coded (DE1229); Mandatory; A/N 3 LIN+1+3+4000004000035:SRV'				
*) In case no GTIN has been assigned, the LIN-Segment and the following PIA-Segment (Article identification via an Pharmacy Central Number-PZN ) should be represented as follows: LIN+2' PIA+5+1320706:IN'				

SG26 - M 200000 - LIN-PIA-IMD-QTY-DTM-QVR-SG30-SG31-SG36-SG41				
PIA - C 4- Additional product id				
Function : To specify additional or substitutional item identification codes.				
Segmentnummer : 16				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>4347 Product identifier code qualifier</b>	M an..3	<b>M</b>	*	1 = Additional identification 5 = Product identification 3 = Substituted by  IN = Buyer's item number SA = Supplier's article number NB = Batch number SRV = EAN.UCC Global Trade Item Number
<b>C212 Item number identification</b>	M	<b>M</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>C212 Item number identification</b>	C	<b>N</b>		
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			
<b>C212 Item number identification</b>	C	<b>N</b>		
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			
<b>C212 Item number identification</b>	C	<b>N</b>		
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			
<b>C212 Item number identification</b>	C	<b>N</b>		
7140 Item identifier	C an..35			

Data element group/Data element	EDIFACT	ANW	*	Description
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
<p><u>Segment notes:</u></p> <p>Additional product identification (DE4347=1 und DE7143 = IN ); Internal number of the dealer / buyer (Austria PZN); Optional; A/N 35 PIA+1+123081:IN'</p> <p>-Additional Product identification (DE4347=1 und DE7143 = SA ), Internal number of the supplier; Optional; A/N 35 PIA+1+9438444:SA'</p> <p>- Product identification of the dealer/buyer (Austria PZN) (DE4347=5 und DE7143 = IN; Mandatory *); A/N 35 In case no GTIN has been assigned, the LIN-Segment and the following PIA-Segment (Article identification via an Pharmacy Central Number-PZN ) should be represented as follows: LIN+1' PIA+5+15555:IN'</p> <p>- Batch number (DE4347=1 und DE7143 = NB), Internal number of the supplier; Optional ; A/N 35 PIA+1+45XP3:NB'</p> <p>-Substitute for specific items (DE4347=3 und DE7143=SRV or IN); Optional ; A/N 35 PIA+3+9054321444448 :SRV' (GTIN; A/ N 14) or PIA+3+55552:IN' (Austria PZN; A/N 35)</p>				

SG26 - M      200000 - LIN-PIA-IMD-QTY-DTM-QVR-SG30-SG31-SG36-SG41				
IMD - C                      1 - Item description				
Function                      :            To describe an item in either an industry or free format.				
Segmentnummer    :    17				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>7077    Description format code</b>	C an..3	<b>R</b>	*	A = Free-form long description
<b>C272    Item characteristic</b>	C	<b>N</b>		
7081    Item characteristic code	C an..3			
1131    Code list identification code	C an..17			
3055    Code list responsible agency code	C an..3			
<b>C273    Item description</b>	C	<b>M</b>		
7009    Item description code	C an..17	<b>N</b>		
1131    Code list identification code	C an..17	<b>N</b>		
3055    Code list responsible agency code	C an..3	<b>N</b>		
7008    Item description	C an..256	<b>M</b>		
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>				
The IMD-Segment should only be used when the article can not be completely identified by EAN - Article number				
Free-form long description (DE7077 =A); Optional ; A/N 70				
IMD+A+++::ACTIVELE 3x28 FTBL'				

SG26 - M 200000 - LIN-PIA-IMD-QTY-DTM-QVR-SG30-SG31-SG36-SG41				
QTY - M 2- Quantity				
Function : To specify a pertinent quantity.				
Segmentnummer : 18				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C186 Quantity details</b>	M	M		
6063 Quantity type code qualifier	M an..3	M	*	12 = Despatch quantity 192 = Free goods quantity
6060 Quantity	M an..35	M		
6411 Measurement unit code	C an..3	O		
<u>Segment notes:</u>				
-Delivered quantity; Mandatory*); N 7+3 QTY+12:50'				
*) Quantity and quantity-unit according to the item master data of the supplier.				
- Free goods quantity (DE6063 = 192); Optional *); N 7+3 QTY+192:12'				
<b>Continuous mapping of an ordered quantity or specification of a discount in kind</b>				
<b><u>ORDERS variant – Order representing only the ordered quantity</u></b>				
This variant is applied when there is only an ordered quantity without a specified discount in kind to it in the terms of delivery (item master data). Only the ordered quantity is transmitted without any free quantity. It has therefore no additional effects on the subsequent messages /processes because the represented quantity in this case is the quantity which is ordered, delivered and invoiced.				
Example: A position of ORDERS representing an order in an EDI message is shown below:				
LIN+1++9012345000001:SRV' PIA+1+123456:IN' IMD+A+:::Product name' QTY+21:10' (10 Pieces are ordered and invoiced)				
<b><u>ORDERS variant – Order representing an ordered quantity and a discount in kind (free goods quantity)</u></b>				
In addition to an ordered quantity in the terms of delivery (master data) a discount in kind (for a free goods quantity) is set in this variation.				
Example: When there is a designated ordered quantity of 10 pieces then there is also a free goods quantity of 2 pieces. These 12 pieces in total must be specified in the order and in all subsequent messages / processes to ensure the continuity.				
The Pharma Austria working group agreed that the specification of a quantity of free goods should be sent in a separate position next to the ordered quantity. This is due to the fact that variations in quantity can be displayed and communicated clearly in the following processes. (e.g. in terms of partial deliveries). However it is necessary to remark that the quantity in the DESADV relates to the quantity delivered. Therefore the free goods are also included in this quantity.				

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

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

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

**DESADV variant – delivery quantity and free goods quantity**

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

This results as in the following messages the delivered / accepted / billed quantity in the EDI message is represented. For example, free goods in the DESADV are displayed as follows:

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

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

**INVOIC variant – invoiced quantity and free goods quantity**

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

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

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



SG26 - M 200000 - LIN-PIA-IMD-QTY-DTM-QVR-SG30-SG31-SG36-SG41				
DTM - C 3 - Date/time/period				
Function : To specify date, and/or time, or period.				
Segmentnummer : 19				
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 63 = Delivery date/time, latest 364 = Minimum shelf life remaining at time of despatch period 200 = Pick-up/collection date/time of cargo 44 = Availability
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 804 = Day
<u>Segment notes:</u>				
- Delivery date/time, requested (DE2005 = 2); Optional*) D 8 DTM+2:20110302:102'				
- Delivery date/time, latest (DE 2005 = 63); Optional *); D 8 DTM+63:20050715:102'				
-Pick-up/collection date/time of cargo (DE2005 = 200); Optional *); D 8 DTM+200:20120101:102'				
*) If the delivery date on the position level is different from the delivery date in the header, then the delivery date on the position level overrides the information at the header level.				
- Minimum shelf life remaining at time of despatch period (in days) (DE2005 = 364 and DE2379 = 804); Optional; N 3 DTM+364:30:804'				
- Availability date (DE2005=44); Optional, D 8 DTM+44:20031022:102'				
Date information for non-deliverable quantities The availability date of the unavailable quantity should be sent (improved readiness to provide information of the consignee).				
The availability date is also to be sent if there is no subsequent delivery of the outstanding quantity (see QVR segment). When products are non deliverable this specification is omitted.				

SG26 - M      200000 - LIN-PIA-IMD-QTY-DTM-QVR-SG30-SG31-SG36-SG41				
QVR - C                      1 - Quantity variances				
Function                      :            To specify item details relating to quantity variances.				
Segmentnummer    :    20				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C279    Quantity difference information</b>	M	M		
6064    Quantity variance value	M n..15	M		Indication of non-deliverable quantity / amount of quantity in backlog\ or the additional quantity supplied.
6063    Quantity type code qualifier	M an..3	M	*	21 = Ordered quantity
<b>4221    Discrepancy nature identification code</b>	M an..3	M	*	BP = Shipment partial - back order to follow CP = Shipment partial - considered complete, no backorder CM = Shipment complete with additional quantity
<b>C960    Reason for change</b>	C	O		
4295    Change reason description code	C an..3	M	*	WR = Temporarily unavailable AV = Out of inventory WU = Committed purchase quantity exceeded AS = Article out of assortment AR = Article out of assortment for particular company
1131    Code list identification code	N an..17	N		
3055    Code list responsible agency code	C an..3	N		
4294    Change reason description	N an..35	N		
<u>Segment notes:</u>				
This segment provides a more detailed explanation if the order item is not available, only partially available or when there is a shipment complete with additional quantity.				
-Variations in quantity - information; Indication of non-deliverable quantity / amount of residue or the additional quantity supplied (DE6064); N 7+3; Optional				
-Discrepancy nature identification; coded using only the specified qualifier (DE4221=BP); A/N 3; Optional. QVR+3:21+BP'				
-Reason for change; coded, use only the specified qualifier e.g. temporarily not available (DE4295=WR); A/N 3; Optional QVR+3:21+BP+WR'				

SG26 - M      200000 - LIN-PIA-IMD-QTY-DTM-QVR-SG30-SG31-SG36-SG41				
SG30 - C                      3 - PRI				
PRI - M                      1 - Price details				
Function                      :                      To specify price information.				
Segmentnummer   : 21				
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>O</b>	*	AAA = Calculation net AAB = Calculation gross AAF = Information price, excluding allowances or charges and taxes
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>D</b>		
6411    Measurement unit code	C an..3	<b>D</b>		
<b>5213    Sub-line item price change operation code</b>	C an..3	<b>N</b>		
<u>Segment notes:</u>				
-Information price, excluding allowances or charges and taxes; Optional; N 7+3 PRI+AAF:19.98'				
- 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'				
Fixed prices (DE5125 = AAA or AAB) are agreed, any change requires a separate agreement between the buyer and supplier.				
If price information is used the currency must be specified in the CUX-Segment (Heading section).				

SG26 - M 200000 - LIN-PIA-IMD-QTY-DTM-QVR-SG30-SG31-SG36-SG41				
SG31 - C 1 - RFF				
RFF - M 1 - Reference				
Function : To specify a reference.				
Segmentnummer : 22				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C506 Reference</b>	<b>M</b>	<b>M</b>		
1153 Reference code qualifier	M an..3	<b>M</b>	*	CT = Contract number ON = Order number (buyer)
1154 Reference identifier	C an..70	<b>M</b>		
1156 Document line identifier	C an..6	<b>D</b>		Line number from the buyer's order
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 contract number, in case of a price agreement (see PRI-Segment)				
- Contract number (DE1153=CT); Optional; A/N 70 RFF+CT:112233				
- to link an order response with an original buyer's orders. Order position; (DE1153=ON) RFF+ON:112233:3'				

SG26 - M	200000 -	LIN-PIA-IMD-QTY-DTM-QVR-SG30-SG31-SG36-SG41		
SG36 - C	1 -	TAX		
TAX - M	1 -	Duty/tax/fee details		
Function	:	To specify relevant duty/tax/fee information.		
Segmentnummer	:	23		
Data element group/Data element	EDIFACT	ANW	*	Description
<b>5283 Duty or tax or fee function code qualifier</b>	M an..3	<b>M</b>	*	7 = Tax
<b>C241 Duty/tax/fee type</b>	C	<b>D</b>		
5153 Duty or tax or fee type name code	C an..3	<b>R</b>	*	VAT = Value added tax
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>N</b>		
5152 Duty or tax or fee type name	C an..35	<b>N</b>		
<b>C533 Duty/tax/fee account detail</b>	C	<b>N</b>		
5289 Duty or tax or fee account code	M an..6			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
<b>5286 Duty or tax or fee assessment basis value</b>	C an..15	<b>N</b>		
<b>C243 Duty/tax/fee detail</b>	C	<b>D</b>		
5279 Duty or tax or fee rate code	C an..7	<b>N</b>		
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>N</b>		
5278 Duty or tax or fee rate	C an..17	<b>R</b>		Actual tax rate/fee rate
5273 Duty or tax or fee rate basis code	C an..12	<b>N</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>5305 Duty or tax or fee category code</b>	C an..3	<b>O</b>		E = Exempt from tax S = Standard rate
<b>3446 Party tax identifier</b>	C an..20	<b>N</b>		
<b>1227 Calculation sequence code</b>	C an..3	<b>N</b>		

Segment notes:

- Value added tax for the actual position; Optional; N 2+2  
TAX+7+VAT+++:::20+S'

SG26 - M 200000 - LIN-PIA-IMD-QTY-DTM-QVR-SG30-SG31-SG36-SG41				
SG41 - C 15 - ALC-SG43-SG44				
ALC - M 1 - Allowance or charge				
Function : To identify allowance or charge details.				
Segmentnummer : 24				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>5463 Allowance or charge code qualifier</b>	M an..3	<b>M</b>	*	A = Allowance C = Charge
<b>C552 Allowance/charge information</b>	C	<b>N</b>		
1230 Allowance or charge identifier	C an..35			
5189 Allowance or charge identification code	C an..3			
<b>4471 Settlement means code</b>	C an..3	<b>N</b>		
<b>1227 Calculation sequence code</b>	C an..3	<b>D</b>		1 = First step of calculation 2 = Second step of calculation etc.
<b>C214 Special services identification</b>	C	<b>R</b>		
7161 Special service description code	C an..3	<b>R</b>		DI = Discount
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>N</b>		
7160 Special service description	C an..35	<b>N</b>		
7160 Special service description	C an..35	<b>N</b>		
<u>Segment notes:</u>				
Allowance/Charge; Optional; A/N 3				
Allowance in percent is represented by using the combination: ALC-Segment + PCD-Segment (Allowance in a monetary amount is represented by using the combination: ALC Segment + MOA Segment).				
Example: Allowance 10% ALC+A++++DI' PCD+3:10'				
Allowance as a monetary amount (Currency, see the CUX-Segment) ALC+A++++DI' MOA+8:20'				
Examples and details of the discount illustration can be found in the Appendix.				

SG26 - M	200000 -	LIN-PIA-IMD-QTY-DTM-QVR-SG30-SG31-SG36-SG41		
SG41 - C	15 -	ALC-SG43-SG44		
SG43 - C	1 -	PCD		
PCD - M	1 -	Percentage details		
Function	:	To specify percentage information.		
Segmentnummer	:	25		
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C501 Percentage details</b>	M	<b>M</b>		
5245 Percentage type code qualifier	M an..3	<b>M</b>	*	3 = Allowance or charge
5482 Percentage	C n..10	<b>R</b>		Percentage
5249 Percentage basis identification code	C an..3	<b>N</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>4405 Status description code</b>	C an..3	<b>N</b>		
<u>Segment notes:</u>				
- Allowance/charge a percentage; Optional N 2+2; (see ALC-Segment) PCD+3:10'				
Remarks about the presentation of a discount at item level-please see ALC segment.				



SG26 - M	200000 -	LIN-PIA-IMD-QTY-DTM-QVR-SG30-SG31-SG36-SG41			
SG41 - C	15 -	ALC-SG43-SG44			
SG44 - C	2 -	MOA			
MOA - M	1 -	Monetary amount			
Function	:	To specify a monetary amount.			
Segmentnummer	:	26			
Data element group/Data element	EDIFACT	ANW	*	Description	
<b>C516 Monetary amount</b>	<b>M</b>	<b>M</b>			
5025 Monetary amount type code qualifier	M an..3	<b>M</b>	*	8 = Allowance or charge amount 25 = Charge/allowance basis amount	
5004 Monetary amount	C n..35	<b>R</b>			
6345 Currency identification code	C an..3	<b>N</b>			
6343 Currency type code qualifier	C an..3	<b>N</b>			
4405 Status description code	C an..3	<b>N</b>			
<u>Segment notes:</u>					
This segment is used to set the base amount for calculating an allowances or charges.					
- Allowances -/charges amount (DE5025 =8); Optional; N 7+3 MOA+8:2000'					
- Charge/allowance basis (DE5025 = 25); Optional ; N 7+3 MOA+25:798.336'					
Remarks about the presentation of a discount at item level-please see ALC segment.					

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.				
Segmentnummer    :    27				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>0081    Section identification</b>	M a1	<b>M</b>		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.				
Segmentnummer        : 28				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>0074    Number of segments in the message</b>	M n..6	<b>M</b>		Sum of all segments
<b>0062    Message reference number</b>	M an..14	<b>M</b>		Reference number from the UNH-Segment is to be repeated here.
<u>Segment notes:</u>				
This segment is a mandatory UN/EDIFACT segment.				
Example: UNT+40+DE0000001'				

UNZ - M	1 -	Interchange trailer		
Function	:	To end and check the completeness of an interchange.		
Segmentnummer	:	29		
Data element group/Data element	EDIFACT	ANW	*	Description
<b>0036</b> <b>Interchange control count</b>	M n..6	<b>M</b>		Number of messages or functional groups within an interchange.
<b>0020</b> <b>Interchange control reference</b>	M an..14	<b>M</b>		Identical to DE 0020 in UNB segment.
<u>Segment notes:</u>				
This segment is used to provide the trailer of an interchange.				
DE 0036: If functional groups are used, this is the number of functional groups within the interchange. If functional groups are not used, this is the number of messages within the interchange.				
Example: UNZ+5+12345555'				

## Example

EANCOM	DESCRIPTION
UNA:+.?'	Service string advice
UNB+UNOC:3+5412345678908:14+8798765432106:14+120802:1000+12345555++++EA NCOMREF 52'	Interchange header
UNH+342+ORDRSP:D:01B:UN:EAN007'	Message header
BGM+231+4448+9'	Order response
DTM+137:20120817:102'	Creation date
DTM+2:20120822:102'	Delivery date
FTX+PUR+++PURCHASING INFORMATION'	Purchasing information
RFF+ON:2020'	Order reference number
NAD+BY+9000096000008::9'	Buyer
NAD+SU+9099999999991::9'	Supplier
CTA+DL+:MAX MUSTERMANN'	Contact person
COM+EINKAUF@TESTFIRMA.AT:EM'	E-Mail address of the contact person
NAD+DP+9000096000008::9'	Delivery party
NAD+IV+9000096000008::9'	Invoicee
CUX+2:EUR:9'	Currency
TDT+20++30+31'	Transport mode
TOD+10E+CC'	Delivery conditions
LIN+1+3+9099999026543:SRV'	1. item
PIA+1+45XP3:NB'	Batch number
PIA+1+1230815:SA'	Internal number of the supplier
PIA+3+9099999026544:SRV'	Substitute for the item (9099999026543)

IMD+A++:::SANSO'	Free text item description
QTY+12:200'	Ordered quantity
DTM+44:20120202:102 <sup>c</sup>	Availability date
QVR+3:21+BP+WR <sup>c</sup>	Quantity discrepancies (temporarily unavailable)
PRI+AAA:18'	Net price
LIN+2+5+9099999087568:SRV'	2. item
QTY+12:150'	Ordered quantity
DTM+364:60:804'	Minimum shelf life remaining at time of despatch period
PRI+AAB:12.9'	Calculation gross
RFF+CT:112233 <sup>c</sup>	Agreement number
UNS+S'	Section control
UNT+30+342'	Message trailer
UNZ+1+12345555	Interchange trailer

**Example for representation of discount:**

**Variant: one step discount respectively only one discount per position**

LIN+1++9099999300476:SRV'	Item
QTY+21:70'	Ordered quantity
PRI+AAB:0.60'	Calculation gross
PRI+AAA:0.582'	Net price
TAX+7+VAT+++:::10+S'	VAT tax rate
ALC+A+++1+DI'	Calculation step
PCD+3:3'	Percent rate

**Variant: two –steps discount, two discounts in percents**

LIN+1++9099999300476:SRV'	Item
QTY+21:70'	Ordered quantity
PRI+AAB:0.60'	Calculation gross
PRI+AAA:0.573'	Net price
TAX+7+VAT+++:::10+S'	VAT rate
ALC+A+++1+DI'	1.Step of calculation
PCD+3:3'	Percent rate
ALC+A+++2+DI'	2.Step of calculation
PCD+3:1.5'	Percent rate