



**Message definition
INVOIC – Consolidated invoice
with Delivery note details
without a consolidated paper Invoice
according to new legislation from
01.01.2013
FASHION - Austria
EANCOM 2002 (Syntax 3)
Version 1.0**

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

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.

Within the second phase of the Fashion-Austria-Initiative the message guidelines from the FASHION-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).

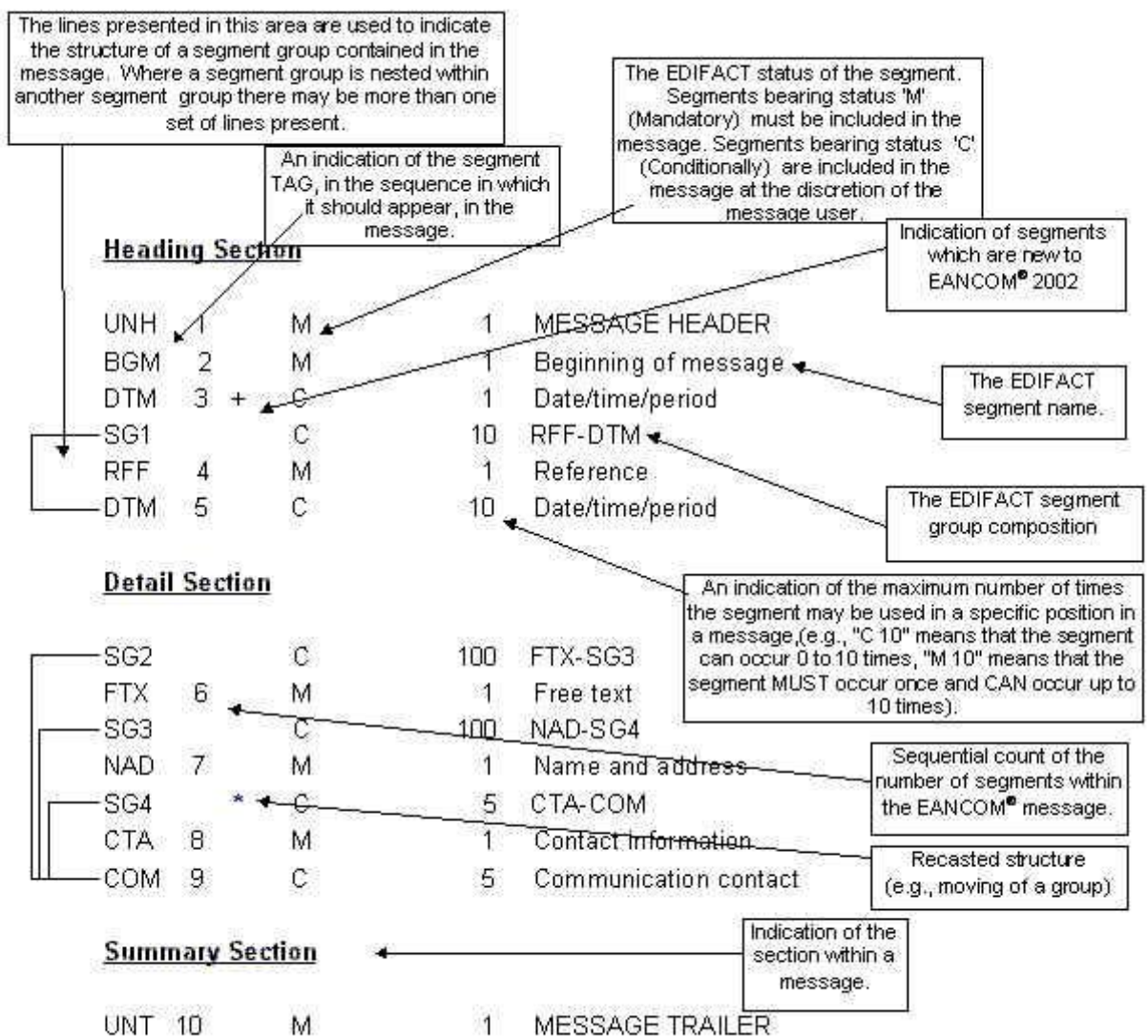
Document structure

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 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

Invoice message

UNA	1	C	1	Service string advice
UNB	2	M	1	Interchange header
UNH	3	M	1	Message header
BGM	4	M	1	Beginning of message
DTM	5	M	2	Date/time/period
FTX	6	C	8	Free text
SG2		M	3	NAD-SG3-SG5
NAD	7	M	1	Name and address
SG3		M	1	RFF
RFF	8	M	1	Reference
SG5		C	1	CTA
CTA	9	M	1	Contact information
SG7		M	1	CUX
CUX	10	M	1	Currencies
SG8		C	6	PAT-DTM-PCD
PAT	11	M	1	Payment terms basis
DTM	12	C	1	Date/time/period
PCD	13	C	1	Percentage details
SG12		C	5	TOD
TOD	14	M	1	Terms of delivery or transport
SG26		M	999999	LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39
LIN	15	M	1	Line item
PIA	16	C	2	Additional product id
IMD	17	M	4	Item description
QTY	18	M	2	Quantity
DTM	19	C	1	Date/time/period
FTX	20	C	1	Free text
SG27		C	1	MOA
MOA	21	M	1	Monetary amount
SG28		C	1	PAT-PCD
PAT	22	M	1	Payment terms basis
PCD	23	C	99	Percentage details
SG29		C	3	PRI
PRI	24	M	1	Price details
SG30		M	4	RFF-DTM
RFF	25	M	1	Reference
DTM	26	C	1	Date/time/period
SG34		M	1	TAX
TAX	27	M	1	Duty/tax/fee details
SG35		C	4	NAD-SG36
NAD	28	M	1	Name and address
SG36		C	1	RFF
RFF	29	M	1	Reference

Message structure

SG39		C	15	ALC-SG41-SG42
ALC	30	M	1	Allowance or charge
SG41		C	1	PCD
PCD	31	M	1	Percentage details
SG42		C	4	MOA
MOA	32	M	1	Monetary amount
UNS	33	M	1	Section control
SG50		M	6	MOA
MOA	34	M	1	Monetary amount
SG52		M	10	TAX-MOA
TAX	35	M	1	Duty/tax/fee details
MOA	36	M	2	Monetary amount
SG53		C	15	ALC-MOA
ALC	37	M	1	Allowance or charge
MOA	38	C	1	Monetary amount
UNT	39	M	1	Message trailer
UNZ	40	M	1	Interchange trailer

BUSINESS TERMS

Business term	Description	Status	Format	Segment		Data element	
Consolidated invoice/Consolidated credit note		M	A/N 3	BGM		C002 1001	Document name code
Invoice number/credit note number		M	A/N 16	BGM		C106 1004	Document identifier
Invoice-/Credit note date		M	D 8	DTM		C507 2380	Date or time or period value
Invoicing period		O	D 16	DTM		C507 2380	Date or time or period value
Text information	to map average tax rate, tax free export, intra-community supply of goods, etc.	O	A/N 3	FTX		C107 4441	Free text value code
ARA Attribute	JA/NEIN - Code	O	A/N 7	FTX		C107 4441	Free text value code
ERA Attribute	JA/NEIN - Code	O	A/N 7	FTX		C107 4441	Free text value code
Buyer	GLN	M	N 13	SG2	NAD	C082 3039	Party identifier
Supplier	GLN	M	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
VAT Registration number		M	A/N 20	SG3	RFF	C506 1154	Reference identifier
Customer contact	Free text	O	A/N35	SG5	CTA	C056 3412	Department or employee name
Currency		M	A/N 3	SG7	CUX	C504 6345	Currency identification code
Net payment terms	in days	O	N 3	SG8	PAT	C112 2152	Period count quantity
Discount terms	in days	O	N 3	SG8	PAT	C112 2152	Period count quantity

BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
Value date	Due date for the general payment term, only if different from the date of Invoice	O	D 8	SG8 DTM	C507 2380 Date or time or period value
Value days		O	N 3	SG8 DTM	C507 2380 Date or time or period value
Discount percentage rate		O	N 2+2	SG8 PCD	C501 5482 Percentage
INCOTERMS		O	A/N 3	SG12 TOD	C100 4053 Delivery or transport terms descript
Position number		M	N 6	SG26 LIN	1082 Line item identifier
Item number	EAN	M	N 14	SG26 LIN	C212 7140 Item identifier
Buyer's item number		O	A/N 35	SG26 PIA	C212 7140 Item identifier
Supplier's item number		O	A/N 35	SG26 PIA	C212 7140 Item identifier
Colour / Size		O	A/N 17	SG26 IMD	C273 7009 Item description code
Attribute for reuseable container		O	A/N 3	SG26 IMD	C273 7009 Item description code
Free-form long description		M	A/N 70	SG26 IMD	C273 7008 Item description
Invoiced quantity	Delivered quantity that is being invoiced, related to EAN	M	N 7+3	SG26 QTY	C186 6060 Quantity
Free goods quantity	Delivered quantity that is being invoiced, related to EAN	M	N 7+3	SG26 QTY	C186 6060 Quantity
Delivery date, actual	Optional by Credit note	M	D 8	SG26 DTM	C507 2380 Date or time or period value
Qualifier -No Order number	NON = No order number	O	A/N 3	SG26 FTX	C107 4441 Free text value code

BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
Line item amount	=Delivered quantity x Invoice-price	M	N 10+3	SG27 MOA	C516 5004 Monetary amount
Discount percentage rate	only if different from Header rate	K	N 2+2	SG28 PCD	C501 5482 Percentage
Sales price	incl. VAT	O	N 7+3	SG29 PRI	C509 5118 Price amount
Net price		M	N 7+3	SG29 PRI	C509 5118 Price amount
Gross calculation price		O	N 7+3	SG29 PRI	C509 5118 Price amount
Order number (buyer)	to which the delivery/invoice refers: optional by Credit note	M	A/N 16	SG30 RFF	C506 1154 Reference identifier
Delivery note number	Optional by credit notes	M	A/N 16	SG30 RFF	C506 1154 Reference identifier
Reference number	Reference invoice number by credit note	O	A/N 16	SG30 RFF	C506 1154 Reference identifier
Order number (supplier)	internal order number of the supplier	O	A/N 16	SG30 RFF	C506 1154 Reference identifier
Reference date		O	D8	SG30 DTM	C507 2380 Date or time or period value
VAT-rate	in percent	M	N 2+2	SG34 TAX	C243 5278 Duty or tax or fee rate
Delivery party	GLN, if no GLN, use name and address in free text	O	N 13	SG35 NAD	C082 3039 Party identifier
Ultimate consignee	GLN, only if not identical with Delivery party (Cross-Docking)	O	N 13	SG35 NAD	C082 3039 Party identifier
Ordered by	GLN, only if not identical with the buyer	O	N 13	SG35 NAD	C082 3039 Party identifier
Ultimate Customer	GLN, only if not identical with delivery party. If no GLN, use name and address in free text	O	N 13	SG35 NAD	C082 3039 Party identifier

BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
Internal supplier number	in combination with delivery party	O	A/N 20	SG36 RFF	C506 1154 Reference identifier
ARA Attribute	Collection and recycling service	O	A/N 3	SG39 ALC	C214 7161 Special service description code
ERA Attribute	Disposal fee (ERA) according to a regulation about electrical equipments	O	A/N 3	SG39 ALC	C214 7161 Special service description code
URA Attribute	Copyright fee collection services	O	A/N 3	SG39 ALC	C214 7161 Special service description code
Percentage discounts	field repetition is possible (only for information)	O	N 2+2	SG41 PCD	C501 5482 Percentage
Collection and recycling services		O	N 7+3	SG42 MOA	C516 5004 Monetary amount
ARA Value		O	N 7+3	SG42 MOA	C516 5004 Monetary amount
Value discounts	field repetition is possible (only for information)	O	N 7+3	SG42 MOA	C516 5004 Monetary amount
ERA Value		O	N 7+3	SG42 MOA	C516 5004 Monetary amount
URA Value		O	N 7+3	SG42 MOA	C516 5004 Monetary amount
Total line items amount	Sum of all line items	M	N 11+2	SG50 MOA	C516 5004 Monetary amount
Goods and services total amount		M	N 11+2	SG50 MOA	C516 5004 Monetary amount
Total returnable items deposit amount		M	N 11+2	SG50 MOA	C516 5004 Monetary amount
Message total duty/tax/fee amount		O	N 11+2	SG50 MOA	C516 5004 Monetary amount

BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
Discount amount	only from gross gross value (incl. VAT)	O	N 11+2	SG50 MOA	C516 5004 Monetary amount
Invoice amount		M	N 11+2	SG50 MOA	C516 5004 Monetary amount
VAT percentage rate		M	N 2+2	SG52 TAX	C243 5278 Duty or tax or fee rate
Taxable amount		M	N 11+2	SG52 MOA	C516 5004 Monetary amount
Tax amount		M	N 11+2	SG52 MOA	C516 5004 Monetary amount
Type of allowance/ charge		O	A/N 3	SG53 ALC	C214 7161 Special service description code
Allowance-/Charge amount		O	N 11+2	SG53 MOA	C516 5004 Monetary amount

UNA - C		1 - Service string advice		
Function :	The service string advice shall begin with the upper case characters UNA immediately followed by six characters in the order shown below. The space character shall not be used in positions 010, 020, 040, 050 or 060. The same character shall not be used in more than one position of the UNA.			
Segment number :	1			
Data element group/Data element	EDIFACT	ANW	*	Description
UNA1 Component data element separator	M an1	M	*	Used as a separator between component data elements contained within a composite data element (default value: ":")
UNA2 Data element separator	M an1	M	*	Used as a separator between two simple or composite data elements (default value: "+")
UNA3 Decimal mark	M an1	M	*	Used to indicate the character used for decimal notation (default value: ".")
UNA4 Release character	M an1	M	*	Used to restore separator and terminator signs to their normal meaning (value: "?").
UNA5 Repetition separator	M an1	M	*	Default value: space
UNA6 Segment terminator	M an1	M	*	Used to indicate the end of a segment (default value: " ' ")
<u>Segment notes:</u>				
This segment is used to inform the receiver of the interchange that a set of service string characters which are different to the default characters are being used.				
When using the default set of service characters, the UNA segment need not be sent. If it is sent, it must immediately precede the UNB segment and contain the four service string characters (positions UNA1, UNA2, UNA4 and UNA6) selected by the interchange sender.				
Regardless of whether or not all of the service string characters are being changed every data element within this segment must be filled, (i.e. if some default values are being used together with user-defined values then both the default and the user-defined values must be specified).				
When expressing the service string characters in the UNA segment, it is not necessary to include any element separators.				
The use of the UNA segment is required when a character set other than level A is being used.				
Example: UNA:+.?'				

UNB - M 1 - Interchange header				
Function : To identify an interchange.				
Segment number : 2				
Data element group/Data element	EDIFACT	ANW	*	Description
S001 Syntax identifier	M	M		
0001 Syntax identifier	M a4	M	*	UNOA = UN/ECE level A UNOB = UN/ECE level B UNOC = UN/ECE level C UNOD = UN/ECE level D UNOE = UN/ECE level E UNOF = UN/ECE level F
0002 Syntax version number	M an1	M	*	3 = Version 3
0080 Service code list directory version number	C an..6			
0133 Character encoding, coded	C an..3			
S002 Interchange sender	M	M		
0004 Interchange sender identification	M an..35	M		GLN (n13)
0007 Identification code qualifier	C an..4	R	*	14 = EAN International.
0008 Interchange sender internal identification	C an..35	N		
0042 Interchange sender internal sub-identification	C an..35			
S003 Interchange recipient	M	M		
0010 Interchange recipient identification	M an..35	M		GLN (n13)
0007 Identification code qualifier	C an..4	R	*	14 = EAN International.
0014 Interchange recipient internal identification	C an..35	O		
0046 Interchange recipient internal sub-identification	C an..35			
S004 Date and time of preparation	M	M		
0017 Date	M n8	M		YYMMDD
0019 Time	M n4	M		HHMM
0020 Interchange control reference	M an..14	M		Unique reference identifying the interchange. Created by the interchange sender.
S005 Recipient reference/password details	C	O		
0022 Recipient reference/password	M an..14	M		
0025 Recipient reference/password qualifier	C an2	O		

Data element group/Data element	EDIFACT	ANW	*	Description
0026 Application reference	C an..14	O		This data element contains an indicator for INVOIC without a consolidated paper invoice.
0029 Processing priority code	C a1	O		
0031 Acknowledgement request	C n1	O		
0032 Interchange agreement identifier	C an..35	O	*	EANCOM-ONLY = Indicator for the use of INVOIC without a consolidated paper invoice
0035 Test indicator	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 A (UNOA). Should users wish to use character sets other than A, 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 is held for a period of at least three months before being re-used. In order to guarantee uniqueness, the interchange control reference number should always be linked to the sender's identification (DE 0004).

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.

"EANCOM-ONLY" -This data element contains an indicator for INVOIC without a consolidated paper invoice

Example:

UNB+UNOC:3+9099999300314:14+8798765432106:14+20060102:1000+12345555++++EANCOM-ONLY'

UNH - M 1 - Message header				
Function : To head, identify and specify a message.				
Segment number : 3				
Data element group/Data element	EDIFACT	ANW	*	Description
0062 Message reference number	M an..14	M		Sender's unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be exactly the same. Sender generated
S009 Message identifier	M	M		
0065 Message type	M an..6	M	*	INVOIC = Invoice 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, coded	M an..3	M	*	UN = UN/CEFACT
0057 Association assigned code	C an..6	R	*	EAN010 = EAN version control number (EAN Code)
0110 Code list directory version number	C an..6			
0113 Message type sub-function identification	C an..6			
0068 Common access reference	C an..35	N		
S010 Status of the transfer	C	N		
0070 Sequence of transfers	M n..2			
0073 First and last transfer	C a1			
<u>Segment notes:</u>				
Example: UNH+ME00001+INVOIC: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 : 4				
Data element group/Data element	EDIFACT	ANW	*	Description
C002 Document/message name	C	R		
1001 Document name code	C an..3	R	*	385 = Consolidated invoice 262 = Consolidated credit note - goods and services
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
1000 Document name	C an..35	N		
C106 Document/message identification	C	R		
1004 Document identifier	C an..35	R		Invoice number/credit note number; assigned by the document sender.
1056 Version identifier	C an..9	N		
1060 Revision identifier	C an..6	N		
1225 Message function code	C an..3	R	*	9 = Original
4343 Response type code	C an..3	N		
<u>Segment notes:</u>				
- Message type - Consolidated invoice (DE1001 = 385), Mandatory *); A/N 3				
- Invoice number (DE1004); Mandatory; A/N 16				
BGM+385+200099+9'				
- Message type - Consolidated credit note (DE1001 =262); Mandatory *); A/N 3				
- Credit note number (DE1004); Mandatory; A/N 16				
BGM+262+300200+9'				
*) One of these message types (together with the message number) must be set. The INVOIC serves as both: Consolidated invoice and Consolidated credit note.				

DTM - M 2- Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 5				
Data element group/Data element	EDIFACT	ANW	*	Description
C507 Date/time/period	M	M		
2005 Date or time or period function code qualifier	M an..3	M	*	137 = Document/message date/time 263 = Invoicing period
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 718 = CCYYMMDD-CCYYMMDD
<u>Segment notes:</u>				
- Message date (DE2005 = 137); Mandatory; D 8 DTM+137:20060522:102'				
- Invoicing period (DE2005 = 263); Mandatory by invoice (Qualifier=385), Optional by credit note (Qualifier=262); D 16 DTM+263:2006061520060630:718'				

FTX - C 8- Free text				
Function : To provide free form or coded text information.				
Segment number : 6				
Data element group/Data element	EDIFACT	ANW	*	Description
4451 Text subject code qualifier	M an..3	M	*	REG = Regulatory information
4453 Free text function code	C an..3	M	*	1 = Text for subsequent use
C107 Text reference	C	M		
4441 Free text value code	M an..17	M	*	DSS = Average tax rate according to § 22 Abs. 1 UStG S67 = Tax free according to § 6 Abs. 1 Z 27 UStG S69 = Tax free according to § 6 Abs. 1 Z 9 UStG IGL = Intra-Community supply of goods according to Art. 6 Abs. 1 UStG RCH = Reverse Charge according to § 19 Abs. 1 UStG SA7 = Tax free export according to § 7 UStG ARAJA (GS1 Austria Code) ARANEIN (GS1 Austria Code) ERAJA (GS1 Austria Code) ERANEIN (GS1 Austria Code)
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	M	*	294 = GS1 Austria
C108 Text literal	C	N		
4440 Free text value	M an..512			
4440 Free text value	C an..512			
4440 Free text value	C an..512			
4440 Free text value	C an..512			
4440 Free text value	C an..512			
3453 Language name code	C an..3	N		
4447 Free text format code	C an..3	N		

Segment notes:

Use of this segment in free form is not recommended since in most cases it inhibits automatic processing of the Invoice.

I. Especially tax free invoices or rather flat-rated farmers have to be marked according to UStG with a corresponding reference to the law.

Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission and processing overheads.

Standard texts will be maintained by GS1 Austria (DE3055 = 294) and are defined in DE4451:

DSS = DSS = Average tax rate according to § 22 Abs. 1 UStG
Average tax rate (12% Ust) on flat-rated farmers
FTX+REG+1+DSS::294'

S67 = Tax free according to § 6 Abs. 1 Z 27 UStG
Tax free (under limit of turnover): According to § 6 Abs. 1 Z 27 the delivery / service is tax free
FTX+REG+1+S67::294'

S69 = Tax free according to § 6 Abs. 1 Z 9 UStG
Tax free (Lottery): According to § 6 Abs. 1 Z 9 the delivery / service is tax free
FTX+REG+1+S69::294'

IGL = Intra-Community supply of goods according to Art. 6 Abs. 1 UStG
Intra-Community supply of goods: Tax free Intra-Community supply of goods according to Art. 6 Abs. 1 UStG
FTX+REG+1+IGL::294'

RCH = Reverse Charge according to § 19 Abs. 1 UStG
Revers Charge: Just by services according to § 19 Abs. 1 UStG the tax has to be paid by benefited recipient
FTX+REG+1+RCH::294'

SA7 = Tax free export according to § 7 UStG
At exports in a third party country: Tax free delivery according to § 7 UStG
FTX+REG+1+SA7::294'

II. Attribute für ARA /ERA

- ARA Attribute (Yes/No); (DE4441 = ARAJA or ARANEIN); Optional; A/N 7
FTX+REG++ARAJA::294'

-ERA Attribute (Yes/No); (DE4441 = ERAJA or ERANEIN); Optional; A/N 7
FTX+REG++ERANEIN::294'

SG2 - M	3 - 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 :	7				
Data element group/Data element	EDIFACT	ANW	*	Description	
3035 Party function code qualifier	M an..3	M	*	BY = Buyer SU = Supplier IV = Invoicee	
C082 Party identification details	C	R			
3039 Party identifier	M an..35	M		GLN - Format n13	
1131 Code list identification code	C an..17	N			
3055 Code list responsible agency code	C an..3	R	*	9 = EAN (International Article Numbering Association)	
C058 Name and address	C	N			
3124 Name and address description	M an..35				
3124 Name and address description	C an..35				
3124 Name and address description	C an..35				
3124 Name and address description	C an..35				
3124 Name and address description	C an..35				
C080 Party name	C	D			
3036 Party name	M an..35	M			
		O			
3036 Party name	C an..35	O			
3036 Party name	C an..35	N			
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			
3042 Street and number or post office box identifier	C an..35	N			

Data element group/Data element	EDIFACT	ANW	*	Description
3164 City name	C an..35	D		
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+901234500004::9'

If the company name and the address in the invoice are obligatory to be provided additionally to the GLN needs to be agreed with the invoice recipient!

NAD+BY+901234500004::9++Käufer-Name:Käufer-Name:Käufer-Name+MUSTERPLATZ5+WIEN++1190+AT'

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

If the company name and the address in the invoice are obligatory to be provided additionally to the GLN needs to be agreed with the invoice recipient!

NAD+SU+9012345000011::9++Lieferant-Name:Lieferant-Name:Lieferant-Name+MUSTERPLATZ12+WIEN++1160+AT'

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

DE3039: Use exclusively the GLN to identify the company.

SG2 - M	3 - NAD-SG3-SG5			
SG3 - M	1 - RFF			
RFF - M	1 - Reference			
Function :	To specify a reference.			
Segment number :	8			
Data element group/Data element	EDIFACT	ANW	*	Description
C506 Reference	M	M		
1153 Reference code qualifier	M an..3	M	*	VA = VAT registration number
1154 Reference identifier	C an..70	R		
1156 Document line identifier	C an..6	N		
4000 Reference version identifier	C an..35	N		
1060 Revision identifier	C an..6	N		
<u>Segment notes:</u>				
- VAT registration number, in connection with BY, SU and IV (DE1154); Mandatory; A/N 20 RFF+VA:AT3929292'				

SG2 - M	3 - 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 :	9			
Data element group/Data element	EDIFACT	ANW	*	Description
3139 Contact function code	C an..3	R	*	CR = Customer relations
C056 Department or employee details	C	M		
3413 Department or employee name code	C an..17	N		
3412 Department or employee name	C an..35	M		Customer contact - free text
<u>Segment notes:</u>				
- Customer contact; Optional; A/N 35 CTA+CR+:MARK CARTER'				

SG7 - M 1 - CUX				
CUX - M 1 - Currencies				
Function : To specify currencies used in the transaction and relevant details for the rate of exchange.				
Segment number : 10				
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 (EAN-Code)
6343 Currency type code qualifier	C an..3	R	*	4 = Invoicing 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		
<u>Segment notes:</u>				
- Currency; Mandatory; A/N 3 CUX+2:EUR:4'				

SG8	- C	6 - PAT-DTM-PCD			
PAT	- M	1 - Payment terms basis			
Function	:	To specify the payment terms basis.			
Segment number	:	11			
Data element group/Data element	EDIFACT	ANW	*	Description	
4279 Payment terms type code qualifier	M an..3	M	*	1 = Basic 22 = Discount	
C110 Payment terms	C	N			
4277 Payment terms description identifier	M an..17				
1131 Code list identification code	C an..17				
3055 Code list responsible agency code	C an..3				
4276 Payment terms description	C an..35				
4276 Payment terms description	C an..35				
C112 Terms/time information	C	R			
2475 Time reference code	M an..3	M	*	5 = Date of invoice 66 = Specified date	
2009 Terms time relation code	C an..3	D	*	3 = After reference	
2151 Period type code	C an..3	D	*	D = Day	
2152 Period count quantity	C n..3	D		Payment terms in days	
<u>Segment notes:</u>					
- Net payment terms (in days); Optional; N 3 PAT+1++5:3:D:31'					
- Discount terms in days; Optional; N 3; 4 different discounts are allowed - to be used together with the following PCD-Segment PAT+22++5:3:D:30' PCD+12:3' PAT+22++5:3:D:40' PCD+12:1'					
- Value date; Optional; D 8; to be used together with the following DTM-Segment PAT+22++66' DTM+209:19990605:102'					
- Value days; Optional; N 3; to be used together with the following DTM-Segment PAT+22++66' DTM+209:10:804'					

SG8 - C 6 - PAT-DTM-PCD				
DTM - C 1 - Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 12				
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	*	209 = Value date
2380 Date or time or period value	C an..35	R		
2379 Date or time or period format code	C an..3	R	*	804 = Day 102 = CCYYMMDD
<u>Segment notes:</u>				
- Value date; Optional; D 8; see PAT-Segment DTM+209:19990603:102'				
- Value days; Optional; N3; see PAT-Segment DTM+209:10:804'				

SG8 - C 6 - PAT-DTM-PCD				
PCD - C 1 - Percentage details				
Function : To specify percentage information.				
Segment number : 13				
Data element group/Data element	EDIFACT	ANW	*	Description
C501 Percentage details	M	M		
5245 Percentage type code qualifier	M an..3	M	*	12 = Discount
5482 Percentage	C n..10	R		Discount percentage rate
5249 Percentage basis identification code	C an..3	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
4405 Status description code	C an..3	N		
<u>Segment notes:</u>				
- Discount percentage rate; Optional; N 2+2; see also the PAT-Segment PCD+12:3'				

SG12 - C		5 - TOD		
TOD - M		1 - Terms of delivery or transport		
Function : To specify terms of delivery or transport.				
Segment number : 14				
Data element group/Data element	EDIFACT	ANW	*	Description
4055 Delivery or transport terms function code	C an..3	R	*	6 = Delivery condition
4215 Transport charges payment method code	C an..3	O		DF = Defined by buyer and supplier PC = Prepaid but charged to customer
C100 Terms of delivery or transport	C	M		
4053 Delivery or transport terms description code	C an..3	R		INCOTERMS (see EANCOM Code-Register) If INCOTERMS could be used, DE3055 has to include value "9" and DE 1131 has to be used.
1131 Code list identification code	C an..17	D		
3055 Code list responsible agency code	C an..3	D		
4052 Delivery or transport terms description	C an..70	N		
4052 Delivery or transport terms description	C an..70	N		
<u>Segment notes:</u>				
This segment is used to specify the terms of delivery for the complete invoice.				
Example: TOD+6++CIF:2E:9'				
Dependency Notes: Data elements 1131 and 3055 are only used if specific terms of delivery codes, which are outside those recommended by EDIFACT, are being used.				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39					
LIN - M 1 - Line item					
Function : To identify a line item and configuration.					
Segment number : 15					
Data element group/Data element	EDIFACT	ANW	*	Description	
1082 Line item identifier	C an..6	R		Application generated number of the count of the invoice lines. 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		Format n..14 EAN/GTIN - Number of the ordered good EAN/UCC-8 EAN/UCC-13 EAN/UCC-14 UCC-12	
7140 Item identifier	C an..35	R			
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			
<u>Segment notes:</u>					
The LIN-Segment indicates the beginning of the detail section within the Invoice and is used to identify the item being invoiced.					
- Article identification by EAN (DE7140); Mandatory; N 14 This field is defined up to 14 characters. Only the defined structures are allowed. No leading zeros are exchanged. LIN+1++9054321444448:SRV'					

SG26 - M 9999999 - LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39				
PIA - C 2- Additional product id				
Function : To specify additional or substitutional item identification codes.				
Segment number : 16				
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 item number
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
C212 Item number identification	C	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
C212 Item number identification	C	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
C212 Item number identification	C	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			

Data element group/Data element	EDIFACT	ANW	*	Description
3055 Code list responsible agency code	C an..3			
<u>Segment notes:</u> -Buyer's item number; Optional; A/N 35 PIA+1+1230815:IN' - Supplier's article number; Optional;A/N 35 PIA+1+9438444:SA'				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39				
IMD - M 4 - Item description				
Function : To describe an item in either an industry or free format.				
Segment number : 17				
Data element group/Data element	EDIFACT	ANW	*	Description
7077 Description format code	C an..3	R	*	B = Code and text A = Free-form long description C = Code (from industry code list)
C272 Item characteristic	C	O		
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	D		Code (from industry code list) RC = Reuseable item (EAN-Code)
1131 Code list identification code	C an..17	D		Number of the industry code list
3055 Code list responsible agency code	C an..3	D		90 = Assigned by manufacturer 91 = Assigned by supplier or supplier's agent
7008 Item description	C an..256	D		
7008 Item description	C an..256	N		
3453 Language name code	C an..3	N		
7383 Surface or layer code	C an..3	N		
<u>Segment notes:</u>				
- Identification with industry code list (DE7009); Optional ; A/N 17 Example: A code out of the industry code list starting with 001 is transmitted. IMD+B+35+4711'				
- Article description (DE7008); Mandatory; A/N 70 Example: Description of an article IMD+A+:::DESCRIPTION'				
- Identification of Returnable container / empties (DE7009=RC); Optional; A/N 3 IMD+C++RC::9'				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39				
QTY - M 2- Quantity				
Function : To specify a pertinent quantity. Segment number : 18				
Data element group/Data element	EDIFACT	ANW	*	Description
C186 Quantity details	M	M		
6063 Quantity type code qualifier	M an..3	M	*	47 = Invoiced quantity 192 = Free goods quantity
6060 Quantity	M an..35	M		
6411 Measurement unit code	C an..3	O		
<u>Segment notes:</u>				
- Invoiced quantity (DE6063 = 47); Mandatory*); N 7+3 QTY+47:250'				
- Free goods quantity (DE6063 = 192); Mandatory*); N 7+3 QTY+192:100'				
*) One of these quantity types must be set, both can also appear at the same time.				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39				
DTM - C 1 - Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 19				
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	*	35 = Delivery date/time, actual
2380 Date or time or period value	C an..35	R		
2379 Date or time or period format code	C an..3	R	*	102 = CCYYMMDD
<u>Segment notes:</u>				
- Delivery date (DE2005 = 35); Mandatory at Invoice (Qualifier=385); Optional by Credit note (Qualifier=262); D 8 DTM+35:20060615:102'				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39				
FTX - C 1 - Free text				
Function : To provide free form or coded text information.				
Segment number : 20				
Data element group/Data element	EDIFACT	ANW	*	Description
4451 Text subject code qualifier	M an..3	M	*	ACB = Additional information
4453 Free text function code	C an..3	N		
C107 Text reference	C	D		
4441 Free text value code	M an..17	M	*	NON = No order number
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
C108 Text literal	C	N		
4440 Free text value	M an..512			
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		
<u>Segment notes:</u>				
- Qualifier "No Order Number" (DE4451 = ACB + DE4441 = NON) ; Optional; A/N 3 FTX+ACB++NON'				
DE4441: The order number will be normally provided in all following messages as reference number (see RFF-Segment). In case there is no order with an order number to which the invoice is related the qualifier NON = No Order Number must be sent.				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39				
SG27 - C 1 - MOA				
MOA - M 1 - Monetary amount				
Function : To specify a monetary amount.				
Segment number : 21				
Data element group/Data element	EDIFACT	ANW	*	Description
C516 Monetary amount	M	M		
5025 Monetary amount type code qualifier	M an..3	M	*	203 = Line item amount
5004 Monetary amount	C n..35	R		
6345 Currency identification code	C an..3	N		
6343 Currency type code qualifier	C an..3	N		
4405 Status description code	C an..3	N		
<u>Segment notes:</u>				
- Line item amount; Mandatory *); N 10+3 MOA+203:3500'				
This segment is used to specify the line item amount.				
The line item amount is calculated on the base of the net price (AAA), specified in the PRI-Segment- Price x Quantity!				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39					
SG28 - C 1 - PAT-PCD					
PAT - M 1 - Payment terms basis					
Function : To specify the payment terms basis.					
Segment number : 22					
Data element group/Data element	EDIFACT	ANW	*	Description	
4279 Payment terms type code qualifier	M an..3	M	*	22 = Discount	
C110 Payment terms	C	N			
4277 Payment terms description identifier	M an..17				
1131 Code list identification code	C an..17				
3055 Code list responsible agency code	C an..3				
4276 Payment terms description	C an..35				
4276 Payment terms description	C an..35				
C112 Terms/time information	C	N			
2475 Time reference code	M an..3				
2009 Terms time relation code	C an..3				
2151 Period type code	C an..3				
2152 Period count quantity	C n..3				
<u>Segment notes:</u>					
Trigger-Segment for the following PCD-Segment. It is used to provide the discount percentage in the detail section.					
Example: PAT+22'					

SG26 - M 9999999 - LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39				
SG28 - C 1 - PAT-PCD				
PCD - C 99 - Percentage details				
Function : To specify percentage information.				
Segment number : 23				
Data element group/Data element	EDIFACT	ANW	*	Description
C501 Percentage details	M	M		
5245 Percentage type code qualifier	M an..3	M	*	12 = Discount
5482 Percentage	C n..10	R		
5249 Percentage basis identification code	C an..3	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
4405 Status description code	C an..3	N		
<u>Segment notes:</u>				
- Discount percentage (only if different from Header); Optional; N 2+2 PCD+12:3'				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39				
SG29 - C 3 - PRI				
PRI - M 1 - Price details				
Function : To specify price information.				
Segment number : 24				
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		
<u>Segment notes:</u>				
- Sales Price (=Etiquette price) incl. VAT, excl. Allowances/ Charges; Optional ; N 7+3 PRI+AAE:19.98::SRP'				
- Net price excl. VAT, incl. Allowances/Charges; Optional; N 7+3 PRI+AAA:10'				
-Gross calculation price excl. VAT, excl. Allowances/Charges; Optional; N 7+3 PRI+AAB:12'				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39				
SG30 - M 4 - RFF-DTM				
RFF - M 1 - Reference				
Function : To specify a reference.				
Segment number : 25				
Data element group/Data element	EDIFACT	ANW	*	Description
C506 Reference	M	M		
1153 Reference code qualifier	M an..3	M	*	ON = Order number (buyer) DQ = Delivery note number IV = Invoice number VN = Order number (supplier)
1154 Reference identifier	C an..70	R		
1156 Document line identifier	C an..6	N		
4000 Reference version identifier	C an..35	N		
1060 Revision identifier	C an..6	N		
<u>Segment notes:</u>				
- Order number (buyer) (DE1153 = ON); Mandatory by Invoice (Optional by Credit note); A/N 16 RFF+ON:4711'				
- Delivery note number (DE1153 = DQ); Mandatory by Invoice (Optional by Credit note); A/N 16 RFF+DQ:1234'				
- Reference invoice number (DE1153 = IV); Mandatory by Credit note (not used by Invoice); A/N 16 RFF+IV:5678'				
- Order number (supplier) (DE1153 = VN); Optional; A/N 16 RFF+VN:1111'				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39				
SG30 - M 4 - RFF-DTM				
DTM - C 1 - Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 26				
Data element group/Data element	EDIFACT	ANW	*	Description
C507 Date/time/period	M	M		
2005 Date or time or period function code qualifier	M an..3	M	*	171 = Reference date/time
2380 Date or time or period value	C an..35	R		
2379 Date or time or period format code	C an..3	R	*	102 = CCYYMMDD
<u>Segment notes:</u>				
- Reference date; Optional; D 8 DTM+171:20060602:102'				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39				
SG34 - M 1 - TAX				
TAX - M 1 - Duty/tax/fee details				
Function : To specify relevant duty/tax/fee information.				
Segment number : 27				
Data element group/Data element	EDIFACT	ANW	*	Description
5283 Duty or tax or fee function code qualifier	M an..3	M	*	7 = Tax
C241 Duty/tax/fee type	C	M		
5153 Duty or tax or fee type name code	C an..3	R	*	VAT = Value added tax
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
5152 Duty or tax or fee type name	C an..35	N		
C533 Duty/tax/fee account detail	C	N		
5289 Duty or tax or fee account code	M an..6	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
5286 Duty or tax or fee assessment basis value	C an..15	N		
C243 Duty/tax/fee detail	C	M		
5279 Duty or tax or fee rate code	C an..7	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
5278 Duty or tax or fee rate	C an..17	R		VAT percentage rate
5273 Duty or tax or fee rate basis code	C an..12	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
5305 Duty or tax or fee category code	C an..3	O		E = Exempt from tax S = Standard rate
3446 Party tax identifier	C an..20	N		
1227 Calculation sequence code	C an..3	N		

Segment notes:

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

Remark to DE 5278 and DE 5305:

By exempt from tax amounts or tax free amounts DE 5278 must always be filled with value 0 (Zero).

SG26 - M 9999999 - LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39				
SG35 - C 4 - NAD-SG36				
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 : 28				
Data element group/Data element	EDIFACT	ANW	*	Description
3035 Party function code qualifier	M an..3	M	*	DP = Delivery party UC = Ultimate consignee OB = Ordered by UD = Ultimate customer
C082 Party identification details	C	R		
3039 Party identifier	M an..35	M		GLN - Format n13
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	R	*	9 = EAN (International Article Numbering Association)
C058 Name and address	C	N		
3124 Name and address description	M an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
C080 Party name	C	D		
3036 Party name	M an..35	M		
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:

- Delivery party (DE3035 = DP); Optional; N 13

NAD+DP+9012345000028::9'

If there is no GLN for the delivery party, identify the delivery party in the following RFF-Segment with the 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 with no 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'

- 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.

SG26 - M	9999999 -	LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39		
SG35 - C	4 -	NAD-SG36		
SG36 - C	1 -	RFF		
RFF - M	1 -	Reference		
Function	:	To specify a reference.		
Segment number	:	29		
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-delivery party); Optional; A/N 20 RFF+YC1:12345'				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39				
SG39 - C 15 - ALC-SG41-SG42				
ALC - M 1 - Allowance or charge				
Function : To identify allowance or charge details.				
Segment number : 30				
Data element group/Data element	EDIFACT	ANW	*	Description
5463 Allowance or charge code qualifier	M an..3	M	*	A = Allowance C = Charge N = No Allowance or Charge
C552 Allowance/charge information	C	N		
1230 Allowance or charge identifier	C an..35			
5189 Allowance or charge identification code	C an..3			
4471 Settlement means code	C an..3	N		
1227 Calculation sequence code	C an..3	D		1 = First step of calculation 2 = Second step of calculation etc.
C214 Special services identification	C	R		
7161 Special service description code	C an..3	R		DI = Discount AEO = Collection and recycling service (ARA) AEP = Copyright fee collection services (URA) ERA = Disposal fee (ERA) according to a regulation about electrical equipments (GS1-Austria Code)
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	D	*	294 = GS1 Austria
7160 Special service description	C an..35	N		
7160 Special service description	C an..35	N		

Segment notes:

- Allowance; Optional; A/N 3

Allowance as percentage is displayed by the combination: ALC-Segment + PCD-Segment. Allowance in monetary amount is displayed by the combination: ALC-Segment + MOA-Segment.

Example:

Rabatt 10%

ALC+A++++DI'

PCD+3:10'

- Allowance as a monetary amount (Currency, see the CUX-Segment)

ALC+A++++DI'

MOA+8:20'

- Collection and recycling service (DE 7161 = AEO); Optional; A/N 3

ALC+C++++AEO'

MOA+8:20'

Remark: These data do not affect the line item amount, the line item amount remains = the net price(AAA), specified in the PRI-Segment X Quantity. ALC and MOA segments give only an additional information that helps to determine the amount after applying allowances and before adding collection and recycling service charge.

- ARA attribute ; (DE7161 = AEO); Optional; A/N 3

ARA is a collection and recycling service for disposal waste.

ALC+N++++AEO'

MOA+178:3.4'

- URA attribute; (DE7161 = AEP); Optional; A/N 3

Value of the copyright fee

ALC+N++++AEP'

MOA+178:2.5'

SG26 - M	9999999 -	LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39		
SG39 - C	15 -	ALC-SG41-SG42		
SG41 - C	1 -	PCD		
PCD - M	1 -	Percentage details		
Function	:	To specify percentage information.		
Segment number	:	31		
Data element group/Data element	EDIFACT	ANW	*	Description
C501 Percentage details	M	M		
5245 Percentage type code qualifier	M an..3	M	*	3 = Allowance or charge
5482 Percentage	C n..10	R		Percentage rate
5249 Percentage basis identification code	C an..3	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
4405 Status description code	C an..3	N		
<u>Segment notes:</u>				
- Percentage discount; Optional; N 2+2; (see ALC-Segment)				
PCD+3:10'				

SG26 - M	9999999 -	LIN-PIA-IMD-QTY-DTM-FTX-SG27-SG28-SG29-SG30-SG34-SG35-SG39		
SG39 - C	15 -	ALC-SG41-SG42		
SG42 - C	4 -	MOA		
MOA - M	1 -	Monetary amount		
Function	:	To specify a monetary amount.		
Segment number	:	32		
Data element group/Data element	EDIFACT	ANW	*	Description
C516 Monetary amount	M	M		
5025 Monetary amount type code qualifier	M an..3	M	*	8 = Allowance or charge amount 178 = Exact Amount
5004 Monetary amount	C n..35	R		Amount
6345 Currency identification code	C an..3	N		
6343 Currency type code qualifier	C an..3	N		
4405 Status description code	C an..3	N		
<u>Segment notes:</u>				
- Monetary allowance; Optional; N 7+3 MOA+8:2000'				
- ARA (Collection- and Recyclingservice) Value; Optional; N 7+3 MOA+178:3.4'				
-ERA (Disposal fee according to the regulation for old electrical equipment) Value; Optional; N 7+3verordnung MOA+178:2'				
-URA (Copyright fee) Value; Optional; N 7+3 MOA+178:1.5'				

UNS - M 1 - Section control				
Function : To separate header, detail and summary sections of a message.				
Segment number : 33				
Data element group/Data element	EDIFACT	ANW	*	Description
0081 Section identification	M a1	M		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'				

SG50 - M	6 - MOA			
MOA - M	1 - Monetary amount			
Function	: To specify a monetary amount.			
Segment number	: 34			
Data element group/Data element	EDIFACT	ANW	*	Description
C516 Monetary amount	M	M		
5025 Monetary amount type code qualifier	M an..3	M	*	36E = Goods and services total amount 35E = Total returnable items deposit amount 79 = Total line items amount 176 = Message total duty/tax/fee amount 52 = Discount amount 77 = Invoice amount
5004 Monetary amount	C n..35	R		
6345 Currency identification code	C an..3	N		
6343 Currency type code qualifier	C an..3	N		
4405 Status description code	C an..3	N		
<u>Segment notes:</u>				
- Total line items amount, the sum of goods and services total amount and total returnable items deposit amount (DE5025 = 79); Mandatory *); N 11+2: MOA+79:4000'				
- Goods and services total amount (DE5025 = 36E); Mandatory *); N 11+2 MOA+36E:3500'				
- Total returnable items deposit amount (DE5025 = 35E); Mandatory *); N 11+2 MOA+35E:500'				
- Message total duty/tax/fee amount (DE5025 = 176); Optional; N 11+2 MOA+176:4000'				
- Invoice amount (Total line items amount plus charges and VAT, minus allowances) (DE5025 = 77); Mandatory; N 11+2 MOA+77:4000'				
- Discount amount, only on base of the gross calculation price (incl. VAT) (DE5025 = 52); Optional; N 11+2 MOA+52:200'				
*) The total line item amount is obligatory. Goods and services total amount and Total returnable items deposit amount should be always displayed when the invoice contains returnable items. Otherwise they can be skipped.				

SG52 - M		10 - TAX-MOA		
TAX - M		1 - Duty/tax/fee details		
Function : To specify relevant duty/tax/fee information.				
Segment number : 35				
Data element group/Data element	EDIFACT	ANW	*	Description
5283 Duty or tax or fee function code qualifier	M an..3	M	*	7 = Tax
C241 Duty/tax/fee type	C	R		
5153 Duty or tax or fee type name code	C an..3	R	*	VAT = Value added tax
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
5152 Duty or tax or fee type name	C an..35	N		
C533 Duty/tax/fee account detail	C	N		
5289 Duty or tax or fee account code	M an..6	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
5286 Duty or tax or fee assessment basis value	C an..15	N		
C243 Duty/tax/fee detail	C	M		
5279 Duty or tax or fee rate code	C an..7	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
5278 Duty or tax or fee rate	C an..17	R		Actual tax rate
5273 Duty or tax or fee rate basis code	C an..12	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
5305 Duty or tax or fee category code	C an..3	O		E = Exempt from tax S = Standard rate
3446 Party tax identifier	C an..20	N		
1227 Calculation sequence code	C an..3	N		

Segment notes:

- VAT - tax rate; Mandatory; N 2+2 (to be repeated for each tax rate)
TAX+7+VAT++++:::20'

Remark to DE 5278 and DE 5305:

By exempt from tax amounts or tax free amounts DE 5278 must always be filled with value 0 (Zero).

SG52 - M 10 - TAX-MOA				
MOA - M 2- Monetary amount				
Function : To specify a monetary amount.				
Segment number : 36				
Data element group/Data element	EDIFACT	ANW	*	Description
C516 Monetary amount	M	M		
5025 Monetary amount type code qualifier	M an..3	M	*	125 = Taxable amount 124 = Tax amount
5004 Monetary amount	C n..35	R		Value
6345 Currency identification code	C an..3	N		
6343 Currency type code qualifier	C an..3	N		
4405 Status description code	C an..3	N		
<u>Segment notes:</u>				
- Taxable amount (DE5025 = 125); Mandatory; N 11+2 MOA+125:8000'				
- Tax amount (DE5025 = 124); Mandatory; N 11+2 MOA+124:800'				

SG53 - C		15 - ALC-MOA		
ALC - M		1 - Allowance or charge		
Function : To identify allowance or charge details.				
Segment number : 37				
Data element group/Data element	EDIFACT	ANW	*	Description
5463 Allowance or charge code qualifier	M an..3	M	*	A = Allowance C = Charge
C552 Allowance/charge information	C	N		
1230 Allowance or charge identifier	C an..35			
5189 Allowance or charge identification code	C an..3			
4471 Settlement means code	C an..3	N		
1227 Calculation sequence code	C an..3	N		
C214 Special services identification	C	M		
7161 Special service description code	C an..3	M		FC = Freight charge FA = Freight allowance DI = Discount
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
7160 Special service description	C an..35	N		
7160 Special service description	C an..35	N		
<u>Segment notes:</u>				
- Other allowances/charges; Optional; A/N 3 (to be used together with the following MOA-Segment) ALC+C++++FC'				
DE7161: For further codes see the code list.				

SG53 - C 15 - ALC-MOA				
MOA - C 1 - Monetary amount				
Function : To specify a monetary amount.				
Segment number : 38				
Data element group/Data element	EDIFACT	ANW	*	Description
C516 Monetary amount	M	M		
5025 Monetary amount type code qualifier	M an..3	M	*	8 = Allowance or charge amount
5004 Monetary amount	C n..35	R		
6345 Currency identification code	C an..3	N		
6343 Currency type code qualifier	C an..3	N		
4405 Status description code	C an..3	N		
<u>Segment notes:</u>				
- Allowance or charge amount; Optional; N 11+2 MOA+8:250'				

UNT - M					1 - Message trailer				
Function					: To end and check the completeness of a message.				
Segment number					: 39				
Data element group/Data element		EDIFACT	ANW	*	Description				
0074	Number of segments in a message	M n..10	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+35+ME000001'									

UNZ - M 1 - Interchange trailer				
Function : To end and check the completeness of an interchange.				
Segment number : 40				
Data element group/Data element	EDIFACT	ANW	*	Description
0036 Interchange control count	M n..6	M		Sum of all segments
0020 Interchange control reference	M an..14	M		Reference number from the UNH-Segment is to be repeated.
<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:

UNB+UNOA:3+5412345678908:14+8798765432106:14+020102:1000+12345555++++EANCOM-ONLY'	Interchange trailer
UNH+90+INVOIC:D:01B:UN:EAN010'	Message trailer
BGM+385+54+9'	Invoice number
DTM+137:20090107:102'	Message date
DTM+263:2009010120060107:718'	Invoicing period
NAD+SU+9012345000011::9++Lieferant-Name:Lieferant-Name:Lieferant-Name+MUSTERPLATZ12+WIEN++1160+AT'	Supplier
RFF+VA:AT3929292'	VAT registration number
NAD+BY+9012345000004::9++Käufer-Name:Käufer-Name:Käufer-Name+MUSTERPLATZ5+WIEN++1190+AT'	Buyer
RFF+VA:AT3929292'	VAT registration number
CTA+CR+:MARK CARTER'	Customer contact
CUX+2:EUR:4'	Currency
LIN+1++9099999012560:SRV'	1. item
PIA+1+1230815:IN'	Internal number of the buyer
IMD+A++:::BESCHREIBUNG'	Item description
QTY+47:200'	Quantity
DTM+35:20090107:102'	Actual delivery date
MOA+203:1980'	Line item amount
PRI+AAA:9.9'	Price
RFF+DQ:75'	Number of the delivery note
DTM+171:20090105:102'	Reference date (Date of the delivery note)

RFF+ON:32298'	Order number
DTM+171:20061011:102'	Reference date (Order date)
TAX+7+VAT+++:::20'	VAT
NAD+DP+++EDI-LAND:Herr Laufen:Garage+Bussardweg 5+Wien++1120+AT'	Delivery party
RFF+YC1:12345'	Internal identification number of delivery party
LIN+2++9099999026543:SRV'	2. item
IMD+A+++:::BESCHREIBUNG'	Item description
QTY+47:70'	Quantity
DTM+35:20060106:102'	Actual delivery date
MOA+203:1260'	Line item amount
PRI+AAA:18'	Price
RFF+DQ:76'	Number of the delivery note
DTM+171:20060108:102'	Reference date
RFF+ON:32299'	Order number
DTM+171:20061011:102'	Reference date
RFF+VN:1111'	Order number of the supplier
TAX+7+VAT+++:::20'	VAT
NAD+DP+9002233000032::9'	Delivery party
LIN+3++9099999012560:SRV'	3. item
IMD+A+++:::BESCHREIBUNG'	Item description
QTY+47:200'	Quantity
DTM+35:20060104:102'	Actual delivery date
MOA+203:2400'	Line item amount
PAT+22'	
PCD+12:3'	
PRI+AAA:9.9'	Price
PRI+AAB:11.9'	Calculation gross
RFF+DQ:72'	Delivery note number
DTM+171:20060104:102'	Reference date
RFF+ON:32244'	Order number
DTM+171:20061003:102'	Reference date
TAX+7+VAT+++:::20'	VAT
NAD+DP+9002233000043::9'	Delivery party
LIN+4++9054443134564:SRV'	4.item
IMD+A+++:::BESCHREIBUNG'	Item description
QTY+47:20'	Quantity
DTM+35:20060104:102'	Actual delivery date
MOA+203:200'	Line item amount
PRI+AAA:10'	Price
RFF+DQ:72'	Delivery note number
DTM+171:20060104:102'	Reference date
RFF+ON:32244'	Order number
DTM+171:20061003:102'	Reference date
TAX+7+VAT+++:::20'	VAT
NAD+OB+9002233000043::9'	Ordered by
UNS+S'	Begin of the sum part of the invoice

MOA+79:5840'	Total line items amount
MOA+77:7008'	Invoice amount
TAX+7+VAT+++:::20'	VAT
MOA+125:5840'	VAT base
MOA+124:1168'	VAT amount
UNT+64+90'	Message trailer
UNZ+1+12345555'	Interchange trailer