



Message Definition
INVOIC – Commercial invoice without a
consolidated paper Invoice according
to new legislation from 01.01.2013
ECR-Austria
EANCOM 2002 (Syntax 3)
Version 2.2

Message Type: INVOIC
Message Version: 011 (EANCOM)
Responsible Agency: GS1 Austria
Directory Name: EDIFACT
Directory Version: D.01B

About this document

EDIFACT is a set of internationally agreed standards for the electronic interchange of data that was limited in form of EANCOM to those components which are really relevant for the consumer goods industry. The goal of the Austrian ECR-Initiative is, based on EANCOM to develop more precise standard profiles applicable in the Austrian consumer goods industry.

The practice in Austria today shows that normally two potential business partner which are intending to exchange data electronically come together with EANCOM specialists (GS1-Austria, Converter provider) and develop specific application profiles from the EANCOM standard which corresponds to their specific business needs. In order to save time and efforts it is necessary to try to reduce the complexity.

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

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

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

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

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

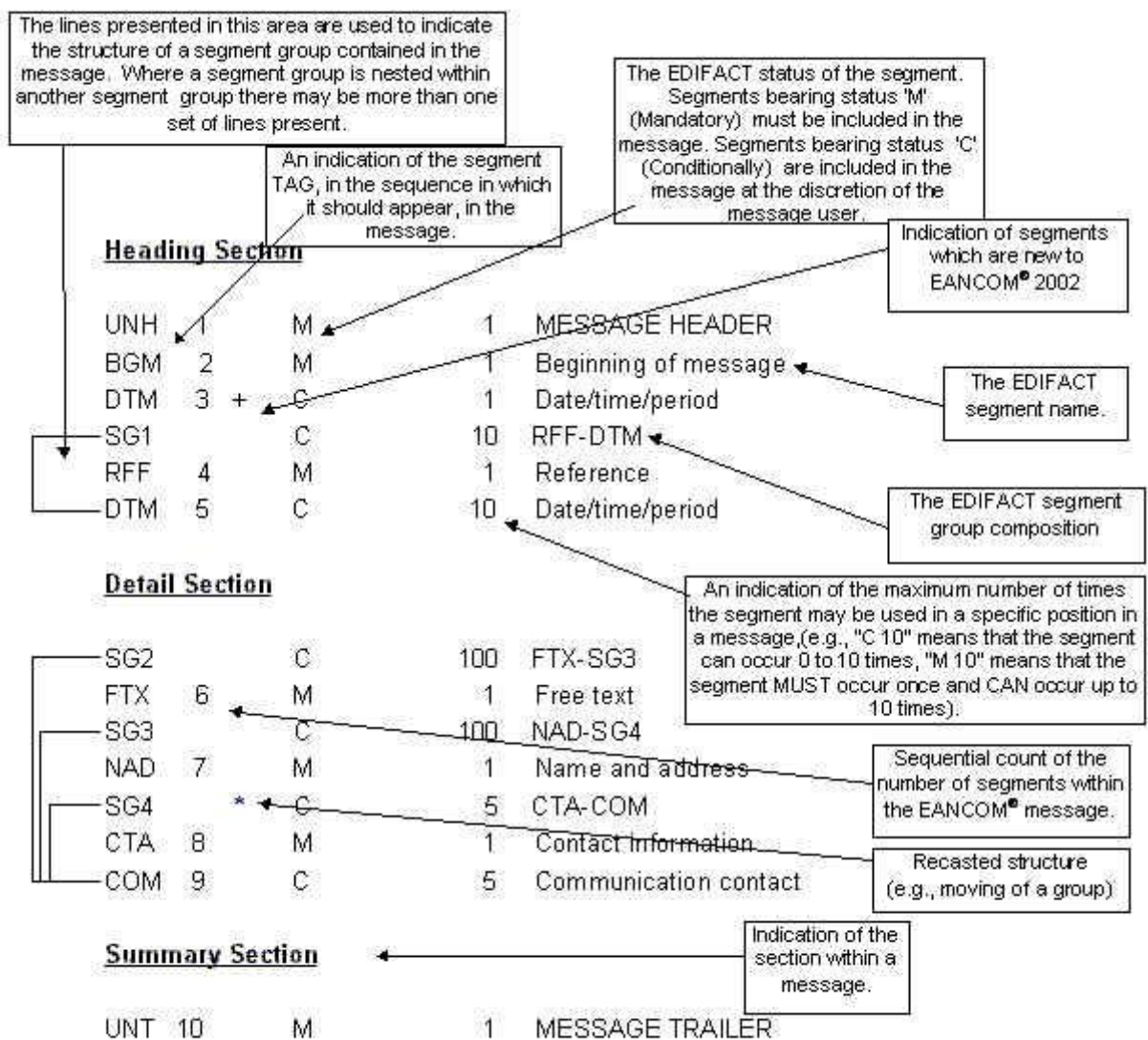
Document structure

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

Message Structure Chart

Within every EANCOM® message a diagram is presented which explains the structure of the message.

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



Segments Layout

This section describes each segment used in the EANCOM 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	7	Free text
SG1		M	6	RFF-DTM
RFF	7	M	1	Reference
DTM	8	C	1	Date/time/period
SG2		M	7	NAD-SG3
NAD	9	M	1	Name and address
SG3		C	2	RFF
RFF	10	M	1	Reference
SG7		M	1	CUX
CUX	11	M	1	Currencies
SG8		C	6	PAT-DTM-PCD
PAT	12	M	1	Payment terms basis
DTM	13	C	1	Date/time/period
PCD	14	C	1	Percentage details
SG16		C	20	ALC-SG19-SG20-SG22
ALC	15	M	1	Allowance or charge
SG19		C	1	PCD
PCD	16	M	1	Percentage details
SG20		C	2	MOA
MOA	17	M	1	Monetary amount
SG22		C	1	TAX
TAX	18	M	1	Duty/tax/fee details
SG26		M	999999	LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG28-SG29-SG34-SG39
LIN	19	M	1	Line item
PIA	20	C	1	Additional product id
IMD	21	C	5	Item description
QTY	22	M	2	Quantity
ALI	23	C	1	Additional information
FTX	24	C	1	Free text
SG27		C	2	MOA
MOA	25	M	1	Monetary amount
SG28		C	1	PAT-PCD
PAT	26	M	1	Payment terms basis
PCD	27	C	1	Percentage details
SG29		C	3	PRI
PRI	28	M	1	Price details
SG34		C	3	TAX-MOA
TAX	29	M	1	Duty/tax/fee details
MOA	30	C	1	Monetary amount

Message structure

—	SG39		C	15	ALC-SG41-SG42
—	ALC	31	M	1	Allowance or charge
—	SG41		C	1	PCD
—	PCD	32	M	1	Percentage details
—	SG42		C	2	MOA
—	MOA	33	M	1	Monetary amount
	UNS	34	M	1	Section control
—	SG50		M	7	MOA
—	MOA	35	M	1	Monetary amount
—	SG52		M	10	TAX-MOA
—	TAX	36	M	1	Duty/tax/fee details
—	MOA	37	M	4	Monetary amount
	UNT	38	M	1	Message trailer
	UNZ	39	M	1	Interchange trailer

BUSINESS TERMS

Business term	Description	Status	Format	Segment		Data element	
Commercial invoice/ Credit note		M	A/N 3	BGM		C002 1001	Document name code
Invoice or Credit note number		M	A/N 16	BGM		C106 1004	Document identifier
Message date		M	D 8	DTM		C507 2380	Date or time or period value
Delivery date	by Invoice	M	D 8	DTM		C507 2380	Date or time or period value
Delivery date	by Credit note	O	D 8	DTM		C507 2380	Date or time or period value
Coded text references	average tax rate, intra-community delivery, tax exempt export delivery etc.	O	A/N 5	FTX		C107 4441	Free text value code
Tax exemption in text form		O	A/N 512	FTX		C108 4440	Free text value
Order number assigned by the buyer	to which delivery/invoice refer, optional by credit note	M	A/N 16	SG1	RFF	C506 1154	Reference identifier
Delivery note number	optional by credit note	M	A/N 16	SG1	RFF	C506 1154	Reference identifier
Invoice number	Invoice reference number (only by credit note)	O	A/N 16	SG1	RFF	C506 1154	Reference identifier
Receiving advice number		O	A/N 16	SG1	RFF	C506 1154	Reference identifier
Instruction for returns number		O	A/N 16	SG1	RFF	C506 1154	Reference identifier
Organic control number of the supplier		O	A/N 35	SG1	RFF	C506 1154	Reference identifier

BUSINESS TERMS

Reference date		O	D8	SG1	DTM	C507	2380	Date or time or period value
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BUSINESS TERMS

Business term	Description	Status	Format	Segment		Data element		
Buyer	GLN+text (see segment description)	M	N 13	SG2	NAD	C082	3039	Party identifier
Supplier	GLN+text (see segment description)	M	N 13	SG2	NAD	C082	3039	Party identifier
Delivery party	GLN, only if not identical with the buyer	O	N 13	SG2	NAD	C082	3039	Party identifier
Ultimate consignee	GLN, only if not identical with the delivery party (Cross-Docking)	O	N 13	SG2	NAD	C082	3039	Party identifier
Ordered by	GLN, only if not identical with the buyer	O	N 13	SG2	NAD	C082	3039	Party identifier
Invoicee	GLN, only if not identical with the buyer	O	N 13	SG2	NAD	C082	3039	Party identifier
Issuer of invoice	GLN, only if not identical with the supplier	O	N 13	SG2	NAD	C082	3039	Party identifier
VAT registration number		M	A/N 20	SG3	RFF	C506	1154	Reference identifier
Internal partner number	In connection with SU (=Supplier), II (= Issuer of invoice)	O	A/N 35	SG3	RFF	C506	1154	Reference identifier
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
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
Discount percentage rate		O	N 2+2	SG8	PCD	C501	5482	Percentage
Type of allowance/ charge on document level		O	A/N 3	SG16	ALC	C214	7161	Special service description code

BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
Percentage discount	field repetition possible (only for information)	O	N 2+2	SG19 PCD	C501 5482 Percentage
Discount amount	field repetition possible (only for information)	O	N 7+3	SG20 MOA	C516 5004 Monetary amount
Base amount		O	N 7+3	SG20 MOA	C516 5004 Monetary amount
Assignment condition: VAT rate		O	N 2+2	SG22 TAX	C243 5278 Duty or tax or fee rate
Article	EAN	M	N 14	SG26 LIN	C212 7140 Item identifier
Object number		O	N 5	SG26 PIA	C212 7140 Item identifier
Issue number		O	N 8	SG26 PIA	C212 7140 Item identifier
Release number		O	N 10	SG26 PIA	C212 7140 Item identifier
ADD-ON number		O	A/N 5	SG26 PIA	C212 7140 Item identifier
Customs number		O	A/N 20	SG26 PIA	C212 7140 Item identifier
Identification of display article		O	A/N 3	SG26 IMD	C273 7009 Item description code
Identification of returnable containers		O	A/N 3	SG26 IMD	C273 7009 Item description code
Identification of consumer units		O	A/N 3	SG26 IMD	C273 7009 Item description code
Identification of deduction for pickup		O	A/N 3	SG26 IMD	C273 7009 Item description code
Article description		M	A/N 70	SG26 IMD	C273 7008 Item description

BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
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 not being invoiced, related to EAN	M	N 7+3	SG26 QTY	C186 6060 Quantity
Number of units in higher packaging or configuration level (EAN Code)		O	N 7+3	SG26 QTY	C186 6060 Quantity
Measurement unit	only used for variable quantity products (unit is not equal piece)	O	A/N 3	SG26 QTY	C186 6411 Measurement unit code
Item not to be included in bonus calculation		O	A/N 3	SG26 ALI	4183 Special condition code
Tax exemption/ Reverse Charge in Writing		O	A/N 512	SG26 FTX	C108 4440 Free text value
Line item amount	= delivery quantity x price	M	N 10+3	SG27 MOA	C516 5004 Monetary amount
Total charges/ allowances		O	N 10+3	SG27 MOA	C516 5004 Monetary amount
Discount percentage	only if different from Header	O	N 2+2	SG28 PCD	C501 5482 Percentage
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
Calculation price	to identify beer tax	O	N 7+3	SG29 PRI	C509 5118 Price amount

BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
VAT rate	as percentage	M	N 2+2	SG34 TAX	C243 5278 Duty or tax or fee rate
Producer fees as percentage	beer, sparkling wine etc.	O	N 2+2	SG34 TAX	C243 5278 Duty or tax or fee rate
Tax amount	producer fees (beer, sparkling wine etc.) as a monetary amount	O	N 7+3	SG34 MOA	C516 5004 Monetary amount
Percentage discount		O	N 2+2	SG41 PCD	C501 5482 Percentage
Monetary allowance	field repetition is possible (only for information)	O	N 7+3	SG42 MOA	C516 5004 Monetary amount
Charge/allowance basis		O	N 7+3	SG42 MOA	C516 5004 Monetary amount
Total line items amount	sum of all line item amounts	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
Discount amount	only from the gross calculation price (incl. VAT)	O	N 11+2	SG50 MOA	C516 5004 Monetary amount
Invoice amount		M	N 11+2	SG50 MOA	C516 5004 Monetary amount
Sum of all Allowances/Charges on invoice level		O	N 11+2	SG50 MOA	C516 5004 Monetary amount

BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
VAT		M	N 2+2	SG52 TAX	C243 5278 Duty or tax or fee rate
Producer fees	as percentage	M	N 2+2	SG52 TAX	C243 5278 Duty or tax or fee rate
				SG52 MOA	
Taxable amount		M	N 11+2	SG52 MOA	C516 5004 Monetary amount
Tax amount		M	N 11+2	SG52 MOA	C516 5004 Monetary amount
Sum of all Allowances/Charges per VAT tax rate		O	N 11+2	SG52 MOA	C516 5004 Monetary amount
Total line items amount per VAT tax rate		O	N 11+2	SG52 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			
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.

DEG 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).

DEG 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+060102:1000+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	*	EAN011 = 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			
S016 Message subset identification	C			
0115 Message subset identification	M an..14			
0116 Message subset version number	C an..3			
0118 Message subset release number	C an..3			
0051 Controlling agency, coded	C an..3			
S017 Message implementation guideline identification	C			
0121 Message implementation guideline identification	M an..14			
0122 Message implementation guideline version number	C an..3			
0124 Message implementation guideline release number	C an..3			
0051 Controlling agency, coded	C an..3			

Data element group/Data element	EDIFACT	ANW	*	Description
S018 Scenario identification 0127 Scenario identification 0128 Scenario version number 0130 Scenario release number 0051 Controlling agency, coded	C M an..14 C an..3 C an..3 C an..3			
<u>Segment notes</u> Example: UNH+ME00001+INVOIC:D:01B:UN:EAN011'				

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	*	380 = Commercial invoice 381 = 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 1 = Cancellation 7 = Duplicate				
4343	Response type code	C an..3	N						
<u>Segment notes</u>									
- Message type- Invoice (DE1001 = 380), Mandatory *); A/N 3									
- Invoice number (DE1004); Mandatory; A/N 16									
BGM+380+200099+9'									
- Message type - Credit note (DE1001 = 381); Mandatory *); A/N 3									
- Credit note number (DE1004); Mandatory; A/N 16									
BGM+381+300200+9'									
*) One of these message types (together with the message number) must be set. The INVOIC serves as both: Invoice and 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 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>				
- Message date (DE2005 = 137); Mandatory; D 8 DTM+137:20060522:102'				
- Delivery date (DE2005 = 35); Mandatory by Invoice (Qualifier=380); Optional by Credit Note (Qualifier=381); D 8 DTM+35:20060615:102'				

FTX - C 7- 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 paragraph 1 / Value Added Tax Act S67 = Tax exempt according to § 6 paragraph 1 Z 27 / Value Added Tax Act S69 = Tax exempt according to § 6 paragraph 1 Z 9 / Value Added Tax Act IGL = Intra-community deliveries according to article 6 paragraph 1 / Value Added Tax Act SA7 = Tax-exempt export delivery according to § 7 / Value Added Tax Act IGLDE = Intra-community deliveries according to §4 Nr. 1b in connection with §6a / Value Added Tax Act, exempt from import turnover tax, but subject to income tax TXT = Identification of the tax exemption in text form (see also the remarks)
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	D		
4440 Free text value	M an..512	R		
4440 Free text value	C an..512	N		
4440 Free text value	C an..512	N		
4440 Free text value	C an..512	N		
4440 Free text value	C an..512	N		
3453 Language name code	C an..3	N		
4447 Free text format code	C an..3	N		

Segment notes

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

Especially in tax-exempt Invoices it is necessary to have a corresponding reference to the underlying text of the USTG law.

Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission and processing overheads. Standard texts should be mutually defined among trading partners and can be used to cover legal and other requirements.

The codes in DE 4451 are maintained by GS1 Austria (DE3055 = 294) and are defined as following:

DSS = Average tax rate according to § 22 paragraph 1 / Value Added Tax Act

Average tax rate (12%) applied by flat rate farmers

FTX+REG+1+DSS::294'

S67 = Tax exempt according to § 6 paragraph 1 Z 27 / Value Added Tax Act

Tax exempt (below the VAT threshold): According to § 6 paragraph 1 Z 27 the delivery/service is tax exempt

FTX+REG+1+S67::294'

S69 = Tax exempt according to § 6 paragraph 1 Z 9 / Value Added Tax Act

Tax exempt (gambling turnovers, brake-open tickets): According to § 6 paragraph 1 Z 9 the delivery/service is tax exempt

FTX+REG+1+S69::294'

IGL = Intra-community deliveries according to article 6 paragraph 1 / Value Added Tax Act

Intra-community delivery: Tax exempt intra-community delivery according to article 6 paragraph 1 Value Added Tax Act

FTX+REG+1+IGL::294'

SA7 = Tax-exempt export delivery according to § 7 / Value Added Tax Act

By export in third country (outside the EU)

FTX+REG+1+SA7::294'

IGLDE = Intra-community deliveries according to §4 Nr. 1b in connection with §6a / Value Added Tax Act, exempt from import turnover tax, but subject to income tax

FTX+REG+1+IGLDE::294'

TXT = Identification of the tax exemption in text form in combination with DE 4440, Optional; A/N 512

Attention: When the tax exemption is provided as a text no additional standard code for tax exemption is used!

FTX+REG+1+TXT::294+ Intra-community deliveries according to Art. 6 paragraph 1 /Value Added Tax Act '

SG1 - M 6 - RFF-DTM				
RFF - M 1 - Reference				
Function : To specify a reference. Segment number : 7				
Data element group/Data element	EDIFACT	ANW	*	Description
C506 Reference	M	M		
1153 Reference code qualifier	M an..3	M	*	ON = Order number (buyer) DQ = Delivery note number IV = Invoice number ALO = Receiving advice number IRN = Instruction for returns number (EAN Code) XC1 = Product certification number (EAN Code)
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'				
- Receiving advice number (DE1153 = ALO); Optional; A/N 16 RFF+ALO:39973'				
- Instruction for returns number (DE1153 = IRN); Optional; A/N 16 RFF+IRN:5664'				
- Organic control number of the supplier (DE1153 = XC1); Optional; A/N 35 RFF+XC1: AT-N-01-BIO'				

SG1 - M 6 - RFF-DTM				
DTM - C 1 - Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 8				
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'				

SG2 - M		7 - NAD-SG3	
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 :		9	
Data element group/Data element	EDIFACT	ANW	* Description
3035 Party function code qualifier	M an..3	M	*
			BY = Buyer SU = Supplier DP = Delivery party UC = Ultimate consignee OB = Ordered by IV = Invoicee II = Issuer of invoice
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	*
C058 Name and address	C	N	9 = EAN (International Article Numbering Association)
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	O	
3042 Street and number or post office box identifier	C an..35	O	

Data element group/Data element	EDIFACT	ANW	*	Description
3042 Street and number or post office box identifier	C an..35	N		
3164 City name	C an..35	D		
C819 Country sub-entity details	C	N		
3229 Country sub-entity name code	C an..9			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
3228 Country sub-entity name	C an..70			
3251 Postal identification code	C an..17	D		
3207 Country name code	C an..3	D		

Segment notes

- Buyer (DE3035 = BY); Mandatory; N 13

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++buyer-name:buyer-name:buyer-name+STREET5+TOWN++1190+AT'

- Supplier (DE3035 = SU); Mandatory; N 13

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++supplier:name:supplier-name:supplier-name+STREET12+TOWN++1160+AT'

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

NAD+DP+9012345000028::9'

- Ultimate consignee (DE3035 = UC); Optional; N 13

NAD+UC+9012345000035::9'

- Ordered by (DE3035 = OB); Optional; N 13

NAD+OB+9012345000042::9'

- Invoicee (DE3035 = IV); Optional; N 13

NAD+IV+9012345000059::9'

- Issuer of invoice (DE3035 = II); Optional; N 13

This Qualifier is only used when the issuer of the invoice is different from the supplier (SU) !

NAD+II+9099999300414::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.

DE3039: For partner identification use exclusively the GLN.

SG2 - M	7 - NAD-SG3			
SG3 - C	2 - RFF			
RFF - M	1 - Reference			
Function :	To specify a reference.			
Segment number :	10			
Data element group/Data element	EDIFACT	ANW	*	Description
C506 Reference	M	M		
1153 Reference code qualifier	M an..3	M	*	VA = VAT registration number YC1 = Additional party identification (EAN Code)
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, II and IV (DE1154); Mandatory; A/N 20 RFF+VA:AT3929292'				
- Internal partner number, in connection with SU; II (DE1154); Optional; A/N 35 RFF+YC1:203119'				

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 : 11				
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 : 12				
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		Net 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'				

SG8 - C 6 - PAT-DTM-PCD				
DTM - C 1 - Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 13				
Data element group/Data element	EDIFACT	ANW	*	Description
C507 Date/time/period	M	M		
2005 Date or time or period function code qualifier	M an..3	M	*	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	*	102 = CCYYMMDD
<u>Segment notes</u>				
- Value date; Optional; D 8; see also PAT-Segment DTM+209:19990603:102'				

SG8 - C 6 - PAT-DTM-PCD				
PCD - C 1 - Percentage details				
Function : To specify percentage information.				
Segment number : 14				
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		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'				

SG16 - C		20 - ALC-SG19-SG20-SG22		
ALC - M		1 - Allowance or charge		
Function : To identify allowance or charge details.				
Segment number : 15				
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	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 FC = Freight charge
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>				
<p>The ALC segment group is used for specifying allowance and charge on a summary level. Each document condition will create its own segment group (SG 16). If discounts are reduced during billing, SG 16 needs to be used again.</p> <p>The MOA-Segment of SG 20 is a mandatory indication to avoid numerical rounding differences.</p> <p>The allowances/ charges in the head part of the invoice are independent of those in the position part, this means ALC on position level does not overwrite the ALC on header level.</p> <p>- Allowances/ charges on a summary level; a calculation step is used when more than one step of calculation is given. ALC+A+++I+DI'</p> <p>- Additional costs (z.B. freight costs) on summary level: without steps of calculation: ALC+A++++FC'</p> <p>Remark: For further codes for DE7161 see the code list.</p>				

SG16 - C	20 - ALC-SG19-SG20-SG22			
SG19 - C	1 - PCD			
PCD - M	1 - Percentage details			
Function :	To specify percentage information.			
Segment number :	16			
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>				
- Discounts in percentage; Optional; N 2+2; (see also ALC-Segment) PCD+3:10'				
This segment is used to specify percentaged allowances/ charges in the current ALC segment group. A MOA segment (DE 5025 = 8) with the monetary value must follow, if percentaged allowances/ charges are calculated.				

SG16 - C	20 - ALC-SG19-SG20-SG22			
SG20 - C	2 - MOA			
MOA - M	1 - Monetary amount			
Function :	To specify a monetary amount.			
Segment number :	17			
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 25 = Charge/allowance basis
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>				
- Allowance and charge base; Optional; N 7+3 MOA+25:2000'				
- Allowance as a monetary amount; Optional; N 7+3 MOA+8:2000'				
This segment is used to set the base amount for calculating allowances or charges and to represent monetary discounts or charges for the current ALC segment group.				

SG16 - C	20 - ALC-SG19-SG20-SG22			
SG22 - C	1 - TAX			
TAX - M	1 - Duty/tax/fee details			
Function :	To specify relevant duty/tax/fee information.			
Segment number :	18			
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	D		
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			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
5286 Duty or tax or fee assessment basis value	C an..15	N		
C243 Duty/tax/fee detail	C	D		
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		Current 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 AE = VAT Reverse Charge
3446 Party tax identifier	C an..20	N		
1227 Calculation sequence code	C an..3	N		

Segment notes

- VAT rate; mandatory; N 2+2
TAX+7+VAT+++:::20+S'

Reverse Charge according to § 19 paragraph 1 / Value Added Tax Act (DE5305 = AE), Optional; A/N3
Reverse Charge: Only for services, in accordance with § 19 paragraph 1 / Value Added Tax Act the tax liability is transferred to the recipient. If reverse charges, allowances and charges at the document level are given, then the qualifier AE in the TAX segment should be specified on the position.

TAX+7+VAT+++:::0+AE'

Segment status: Dependent, must be provided when the invoice contains more than one tax rate.

This segment indicates to which tax rate the allowances and charges are assigned.

Note DE 5278 und 5305: When it comes to tax-exempt or non-taxable transactions, DE 5278 must be explicitly filled with the value 0 (zero).

SG26 - M 9999999 - LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG28-SG29-SG34-SG39				
LIN - M 1 - Line item				
Function : To identify a line item and configuration.				
Segment number : 19				
Data element group/Data element	EDIFACT	ANW	*	Description
1082 Line item identifier	C an..6	R		Application generated number of the count of the order 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		
7140 Item identifier	C an..35	R		Format n..14
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	D		
5495 Sub-line indicator code	C an..3	M	*	1 = Sub-line information
1082 Line item identifier	C an..6	M		
1222 Configuration level number	C n..2	N		
7083 Configuration operation code	C an..3	N		
<u>Segment notes</u>				
- Article identification by EAN (DE7140); Mandatory; N 14 LIN+1++9012345000103:SRV'				
- Identification of Display article LIN+2++9099999000021:SRV+1:1'				
The LIN-Segment indicates the beginning of the detail section within the Invoice and is used to identify the item being invoiced.				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG28-SG29-SG34-SG39				
PIA - C 1 - Additional product id				
Function : To specify additional or substitutional item identification codes.				
Segment number : 20				
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	*	MN = Object number ST = Issue number SN = Release number AA = ADD-ON number HS = Harmonised system
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
C212 Item number identification	C	O		
7140 Item identifier	C an..35	R		
7143 Item type identification code	C an..3	R	*	MN = Object number ST = Issue number SN = Release number AA = ADD-ON number HS = Harmonised system
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
C212 Item number identification	C	O		
7140 Item identifier	C an..35	R		
7143 Item type identification code	C an..3	R	*	MN = Object number ST = Issue number SN = Release number AA = ADD-ON number HS = Harmonised system
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
C212 Item number identification	C	O		
7140 Item identifier	C an..35	R		

Data element group/Data element	EDIFACT	ANW	*	Description
7143 Item type identification code	C an..3	R	*	MN = Object number ST = Issue number SN = Release number AA = ADD-ON number HS = Harmonised system
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
C212 Item number identification	C	O		
7140 Item identifier	C an..35	R		
7143 Item type identification code	C an..3	R	*	
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		

Segment notes

The information in this segment is used exclusively in the media sector!

- Object number, serial number (DE7143 = MN); Optional; N 5
PIA+1+02011:MN'

- Issue number (DE7143 = ST);Optional; N 8
PIA+1+02125623:ST'

- Release number, this number is also transmitted in the RETINS (DE7143 = SN);Optional; N 10
PIA+1+20060038:SN'

- ADD-ON number (2 or 5-digits)(DE7143 = AA); Optional; A/N 5
PIA+1+09:AA'

- Customs number (DE7143=HS) Optional; A/N 20
Synonym for : Statistical product number, TARIC Nr., KN-Code
PIA+1+44091018:HS'

The PIA-Segment may appear only once per position (LIN)! Transmission of more information in the PIA-Segment is carried out by repetition of the data element group C212.

Example:
PIA+1+50615:MN+20060038:ST+2006092806:SN+09:AA'

SG26 - M 9999999 - LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG28-SG29-SG34-SG39				
IMD - C 5 - Item description				
Function : To describe an item in either an industry or free format.				
Segment number : 21				
Data element group/Data element	EDIFACT	ANW	*	Description
7077 Description format code	C an..3	M	*	A = Free-form long description C = Code (from industry code list)
C272 Item characteristic	C	N		
7081 Item characteristic code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
C273 Item description	C	M		
7009 Item description code	C an..17	O	*	SG = Standard group of products (mixed assortment) (EAN Code) RC = Returnable container (EAN Code) CU = Consumer unit (EAN Code) SER = Service (Deduction for pickup) (EAN Code)
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	D	*	9 = EAN (International Article Numbering Association)
7008 Item description	C an..256	M		Max. 70 symbols
7008 Item description	C an..256	N		
3453 Language name code	C an..3	N		
7383 Surface or layer code	C an..3	N		

Segment notes

- Indicator for Display article (mixed assortment)(DE7009=SG); Optional; A/N 3
IMD+C++SG::9'

- Article description (DE7008); Mandatory *); A/N 70
IMD+A+++::ARTICLEDESCRIPTION1'

Representation of returnable containers in INVOIC:

Basically there are 2 types of returnable containers to be differed:

1) bounded returnable container: the returnable container is sent together with content (full item)

Approach:

- Both content (full item) and returnable container should be represented as main positions
- Returnable container is additionally identified by the qualifier RC
- all returnable containers related to the full item should be sent immediate after the full item and not as a sum of all positions at the end

2) unbounded returnable container: the returnable container is sent without content (full item), e.g. by ordering of an "empty" case

Approach:

- Returnable container is represented as a normal article
- The qualifier RC is not sent

- Identification of Returnable container / empties (DE7009=RC); Optional; A/N 3
IMD+C++RC::9'

- Identification of Consumer unit (DE7009=CU); Optional; A/N 3
IMD+C++CU::9'

- Identification of deduction for pick up (DE7009=SER); Optional; A/N 3
IMD+C++SER::9'

A deduction for pickup will be shown as an own position with the article number of the product. Additionally it will be identified by the Qualifier "SER".

*) According to the EANCOM structure the segments IMD, MOA, PRI and TAX have status OPTIONAL, because the single display articles within the assortment (=sub-positions) have not being invoiced so that the segments IMD, MOA, PRI and TAX are not used in this case. Sub-positions are represented only by one LIN - Segment and one QTY - Segment (see the example at the end of this document).

For main-positions respectively invoiced articles the information in the segments IMD, MOA, PRI and TAX is considered as mandatory.

SG26 - M 9999999 - LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG28-SG29-SG34-SG39				
QTY - M 2- Quantity				
Function : To specify a pertinent quantity.				
Segment number : 22				
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 45E = Number of units in higher packaging or configuration level (EAN Code)
6060 Quantity	M an..35	M		
6411 Measurement unit code	C an..3	D		KGM = Kilogram
<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.				
- Number of units in higher packaging or configuration level (EAN Code) (Display article); Optional; N 7+3 In the qualifier 45E must be displayed the total quantity of the sub-positions (Quantity main position x number of the sub-positions within the main position = total quantity) QTY+45E:10'				
DE 6411: Measurement unit for quantity variable products (unit not equal piece); for further codes see the code list.				
Mapping beer/ sparkling wine tax				
Variante 1: article is free of charge and NO beer/ sparkling wine tax will be charged Identified with the QTY+192 segment (free goods quantity). Therefore the Line item amount (MOA+203) is 0, but the net price in the PRI+AAA segment has to be shown.				
Variante 2: article is free of charge but a the beer/ sparkling wine tax will be charged				
QTY+47:xxx'	Amount			
MOA+203:xxx.xx'	Statement about the beer/ sparkling wine tax			
PRI+CAL:xxx.xx'	Calculated price for the beer/ sparkling wine tax (beer/ sparkling wine tax/amount)			
PRI+AAA:xxx.xx'	regular price, which has to be shown but won't be charged			

SG26 - M 9999999 - LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG28-SG29-SG34-SG39				
ALI - C 1 - Additional information				
Function : To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.				
Segment number : 23				
Data element group/Data element	EDIFACT	ANW	*	Description
3239 Country of origin name code	C an..3	N		
9213 Duty regime type code	C an..3	N		
4183 Special condition code	C an..3	M	*	5 = Item not to be included in bonus calculation
4183 Special condition code	C an..3	N		
4183 Special condition code	C an..3	N		
4183 Special condition code	C an..3	N		
4183 Special condition code	C an..3	N		
<u>Segment notes</u>				
- Item not to be included in bonus calculation; Optional; A/N 3 ALI+++5'				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG28-SG29-SG34-SG39				
FTX - C 1 - Free text				
Function : To provide free form or coded text information.				
Segment number : 24				
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	*	TXT = Identification of the tax exemption in text form (see also the remarks)
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	D		
4440 Free text value	M an..512	R		
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>				
- TXT = Identification of the tax exemption in text form in combination with DE 4440, Optional; A/N 512				
Attention: Additional to the TAX segment (see SG34/TAX/DE 5305), it can also be given as a text, if on the line item the tax liability of the VAT passes to the benefit recipient!				
FTX+REG+1+TXT::294+ Reverse Charge'				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG28-SG29-SG34-SG39				
SG27 - C 2 - MOA				
MOA - M 1 - Monetary amount				
Function : To specify a monetary amount.				
Segment number : 25				
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 131 = Total charges/allowances
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'				
- Sum of total charges/allowances for the current position; Optional; N 10+3 The amount has to appear with the right prefix (+/-) ! MOA+131:-1.65' - Allowances for this position are 1,65 EURO.				
*) According to the EANCOM structure the segments IMD, MOA, PRI and TAX have status OPTIONAL, because the single display articles within the assortment (=sub-positions) have not being invoiced so that the segments IMD, MOA, PRI and TAX are not used in this case. Sub-positions are represented only by one LIN - Segment and one QTY - Segment (see the example at the end of this document).				
For main-positions respectively invoiced articles the information in the segments IMD, MOA, PRI and TAX is considered as mandatory.				
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 X Quantity!				
<u>Mapping beer/ sparkling wine tax</u>				
Variant 1: article is free of charge an NO beer/ sparkling wine tax will be charged Identified with the QTY+192 segment (free goods quantity). Therefore the Line item amount (MOA+203) is 0, but the net price in the PRI+AAA segment has to be shown.				
Variant 2: article is free of charge but a the beer/sparkling wine tax will be charged				
QTY+47:xxx'	Amount			
MOA+203:xxx.xx'	Statement about the beer/ sparkling wine tax			
PRI+CAL:xxx.xx'	Calculated price for the beer/ sparkling wine tax (beer/ sparkling wine tax/amount)			
PRI+AAA:xxx.xx'	regular price, which has to be shown but won't be charged			

SG26 - M 9999999 - LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG28-SG29-SG34-SG39					
SG28 - C 1 - PAT-PCD					
PAT - M 1 - Payment terms basis					
Function : To specify the payment terms basis.					
Segment number : 26					
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-ALI-FTX-SG27-SG28-SG29-SG34-SG39				
SG28 - C 1 - PAT-PCD				
PCD - C 1 - Percentage details				
Function : To specify percentage information.				
Segment number : 27				
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-ALI-FTX-SG27-SG28-SG29-SG34-SG39				
SG29 - C 3 - PRI				
PRI - M 1 - Price details				
Function : To specify price information.				
Segment number : 28				
Data element group/Data element	EDIFACT	ANW	*	Description
C509 Price information	C	R		
5125 Price code qualifier	M an..3	M	*	AAA = Calculation net AAB = Calculation gross CAL = Calculation price
5118 Price amount	C n..15	R		
5375 Price type code	C an..3	N		
5387 Price specification code	C an..3	N		
5284 Unit price basis value	C n..9	O		
6411 Measurement unit code	C an..3	O		
5213 Sub-line item price change operation code	C an..3	N		

Segment notes

- Net price (DE5125 = AAA); Mandatory *); N 7+3
 PRI+AAA:55'

*) According to the EANCOM structure the segments IMD, MOA, PRI and TAX have status OPTIONAL, because the single display articles within the assortment (=sub-positions) have not being invoiced so that the segments IMD, MOA, PRI and TAX are not used in this case. Sub-positions are represented only by one LIN - Segment and one QTY - Segment (see the example at the end of this document).

For main-positions respectively invoiced articles the information in the segments IMD, MOA, PRI and TAX is considered as mandatory.

- Gross calculation price (DE5125 = AAB); Optional**); N 7+3
 PRI+AAB:60'

**) The gross calculation price is the price excl. VAT, allowances and charges; beer tax is not included in the gross calculation price!

- Calculated price (DE5125 = CAL); Optional; N 7+3
 PRI+CAL:2.5' will be used to identify the beer/sparkling wine tax

Mapping beer/ sparkling wine tax

Variant 1: article is free of charge an NO beer/ sparkling wine tax will be charged
 Identified with the QTY+192 segment (free goods quantity). Therefore the Line item amount (MOA+203) is 0, but the net price in the PRI+AAA segment has to be shown.

Variant 2: article is free of charge but the beer/ sparkling wine tax will be charged

QTY+47:xxx'	Amount
MOA+203:xxx.xx'	Statement about the beer/ sparkling wine tax
PRI+CAL:xxx.xx'	Calculated price for the beer/sparkling wine tax (beer/ sparkling wine tax/amount)
PRI+AAA:xxx.xx'	regular price, which has to be shown but won't be charged

SG26 - M 9999999 - LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG28-SG29-SG34-SG39				
SG34 - C 3 - TAX-MOA				
TAX - M 1 - Duty/tax/fee details				
Function : To specify relevant duty/tax/fee information.				
Segment number : 29				
Data element group/Data element	EDIFACT	ANW	*	Description
5283 Duty or tax or fee function code qualifier	M an..3	M	*	7 = Tax 6 = Fee
C241 Duty/tax/fee type	C	D		
5153 Duty or tax or fee type name code	C an..3	R	*	VAT = Value added tax GST = Goods and services 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	D		
5289 Duty or tax or fee account code	M an..6	M		BIE = Beer fees TAB = Tobacco fees BRA = Brandy fees GLA = Gambling fees SEK = Sparkling wine fees
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	D		
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		Current tax rate/fee 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 AE = VAT Reverse Charge
3446 Party tax identifier	C an..20	N		

Data element group/Data element	EDIFACT	ANW	*	Description
1227 Calculation sequence code	C an..3	N		

Segment notes

- Value added tax for the current position; Mandatory *); N 2+2

TAX+7+VAT+++:::20+S'

*) According to the EANCOM structure the segments IMD, MOA, PRI and TAX have status OPTIONAL, because the single display articles within the assortment (=sub-positions) have not being invoiced so that the segments IMD, MOA, PRI and TAX are not used in this case. Sub-positions are represented only by one LIN - Segment and one QTY - Segment (see the example at the end of this document).

For main-positions respectively invoiced articles the information in the segments IMD, MOA, PRI and TAX is considered as mandatory.

- Reverse Charge according to § 19 paragraph 1 /Value Added Tax Act (DE5305 = AE), Optional; A/N 3

Reverse Charge: Only in services, in accordance with § 19 paragraph 1 / Value Added Tax Act the tax liability is transferred to the benefit recipient. If reverse charge, then the qualifier AE in the TAX segment is given on the position level! In addition, Reverse Charge can also be specified as text in SG26 / FTX segment.

TAX+7+VAT+++:::0+AE'

- Producer fees (beer, sparkling wine) as percentage; Optional; N 2+2; (the respective amounts are displayed in the following MOA-Segment)

TAX+6+GST+BIE'

TAX+6+GST+SEK'

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).

It is allowed to set one VAT rate and two fees for one article.

Mapping of beer fees on position:

LIN+1++3334445567895:SRV' EAN-number for a box beer

QTY+47:10:PCE'

10 boxes are ordered.

MOA+203:170'

PRI+AAA:17:::1:PCE'

The unit price, as net price € 17,-- for a box beer, already includes the beer fees in the amount of €2,60 per box.

TAX+7+VAT+++:::20'

TAX+6+GST+BIE'

The beer fee is always mapped as a value.

MOA+124:26'

The amount of the beer fee per position in this example: € 2,60/box x 10 = € 26,--.

Mapping of sparkling wine fees on position:

LIN+1++3334445567895:SRV' EAN-number for a bottle 0,75L of sparkling wine

QTY+47:10:PCE'

10 bottles are ordered.

MOA+203:99'

PRI+AAA:9.90:::1:PCE'

The unit price, as net price € 9,90,-- for a bottle of sparkling wine, already includes the sparkling wine fees in the amount of € 0,70 per bottle.

TAX+7+VAT+++:::20'

TAX+6+GST+SEK'

The sparkling wine fee is always mapped as a value.

MOA+124:7.5'

The amount of the sparkling wine per position in this example: € 0,75/bottle x 10 = € 7,5--.

Important: The beer/sparkling wine fee is already included in the net price. The indication about the value of the beer/sparkling wine fee is just for information and is not considered in the price calculation! Please note, that the tax on beer/sparkling wine is not included in the gross price!

All existing business agreements in particular the arrangements for the submitted tax on beer/sparkling wine are not changed solely to the inclusion of the tax on beer/sparkling wine in the net price.

In particular concerns this agreements, whether beer/sparkling wine tax are part of agreed conditions (discounts, bonuses) or not.

Despite the inclusion of the tax on beer/sparkling wine in the net price, it is left solely to the business partners, how they must proceed regarding to the tax on beer/ sparkling wine conditions.

SG26 - M 9999999 - LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG28-SG29-SG34-SG39				
SG34 - C 3 - TAX-MOA				
MOA - C 1 - Monetary amount				
Function : To specify a monetary amount.				
Segment number : 30				
Data element group/Data element	EDIFACT	ANW	*	Description
C516 Monetary amount	M	M		
5025 Monetary amount type code qualifier	M an..3	M	*	124 = Tax 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>				
This segment is exclusively used to specify in monetary terms the amount of tax due on the current line item, except VAT! VAT is not to be displayed as a monetary amount!				
- Tax amount; Optional; N 7+3 MOA+124:250'				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG28-SG29-SG34-SG39
 SG39 - C 15 - ALC-SG41-SG42

ALC - M 1 - Allowance or charge

Function : To identify allowance or charge details.
 Segment number : 31

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	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
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		

Segment notes
 - Allowance/ charge; Optional; A/N 3
 Allowance/ charge as percentage is displayed by the combination: ALC-Segment + PCD-Segment
 Allowance /charge in monetary amount is displayed by 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'

See the example at the end of this document.

SG26 - M 9999999 - LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG28-SG29-SG34-SG39				
SG39 - C 15 - ALC-SG41-SG42				
SG41 - C 1 - PCD				
PCD - M 1 - Percentage details				
Function : To specify percentage information.				
Segment number : 32				
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'				
Remarks for discount illustration in the detail section - please see ALC segment.				

SG26 - M 9999999 - LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG28-SG29-SG34-SG39				
SG39 - C 15 - ALC-SG41-SG42				
SG42 - C 2 - MOA				
MOA - M 1 - Monetary amount				
Function : To specify a monetary amount.				
Segment number : 33				
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 25 = Charge/allowance basis
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>				
This segment is used to set the base amount for calculating allowances or charges.				
- Monetary allowance (DE5025 = 8); Optional; N 7+3 MOA+8:2000'				
- Charge/Allowance Basis (DE5025 = 25); Optional; N 7+3 MOA+25:798.336'				
Remarks for discount illustration in the detail section - please see ALC segment.				

UNS - M 1 - Section control				
Function : To separate header, detail and summary sections of a message.				
Segment number : 34				
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		7 - MOA	
MOA - M		1 - Monetary amount	
Function : To specify a monetary amount.			
Segment number : 35			
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 (EAN Code) 35E = Total returnable items deposit amount (EAN Code) 79 = Total line items amount 176 = Message total duty/tax/fee amount 52 = Discount amount 77 = Invoice amount 131 = Total charges/allowances
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'			
- Sum of all Allowances/Charges on invoice level; Optional; N 11+2 The amount is to be provided with +/- sign. MOA+131:-1.65'			
*) 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 : 36				
Data element group/Data element	EDIFACT	ANW	*	Description
5283 Duty or tax or fee function code qualifier	M an..3	M	*	7 = Tax 6 = Fee
C241 Duty/tax/fee type	C	R		
5153 Duty or tax or fee type name code	C an..3	R	*	VAT = Value added tax GST = Goods and services 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	D		
5289 Duty or tax or fee account code	M an..6	M		BIE = Beer fees TAB = Tobacco fees BRA = Brandy fees GLA = Gambling fees SEK = Sparkling wine fees
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	D		
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		Current 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 AE = VAT Reverse Charge
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'

- Reverse Charge according to § 19 paragraph 1 / Value Added Tax Act (DE5305 = AE), Optional; A/N 3
Reverse Charge: Only for services, in accordance with § 19 paragraph 1 / Value Added Tax Act the tax liability is transferred to the recipient. If reverse charge, then the qualifier AE in TAX segment is given on the position level!
TAX+7+VAT++++:::0+AE'

- Producer fees (beer, sparkling wine) as percentage; Mandatory - when fees are available; N 2+2; (to be repeated for each fee type)
TAX+6+GST+BIE'
TAX+6+GST+SEK'

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).

Tax rate, taxable amount and tax amount should be defined for each tax respectively fee type.

Mapping of beer fees on total level:

UNS+S'
MOA+79:245' The total position amount is calculated out of the single positions (=the beer fee is already included)
MOA+176:49' The total tax amount is mapped without the beer fee, because the fee is already included in the value of the position.
MOA+77:294' Total amount of the invoice (incl. taxes and fees)
TAX+7+VAT++++:::20'
MOA+125:245' Tax basis of every position amounts (incl. beer fee)
MOA+124:49' Tax basis = Total position amounts(incl. beer fee) x VAT rate
TAX+6+GST+BIE' Description of the included beer fee in the invoice
MOA+125:0' Tax basis = 0 (Mandatory in the invoice)
MOA+124:38' Included beer fee amount in this invoice = Sum of all separate positions

Mapping of sparkling wine fees on total level:

UNS+S'
MOA+79:245' The total position amount is calculated out of the single positions (=the sparkling wine fees is already included)
MOA+176:49' The total tax amount is mapped without the sparkling wine fees, because the fee is already included in the value of the position.
MOA+77:294' Total amount of the invoice (incl. taxes and fees)
TAX+7+VAT++++:::20'
MOA+125:245' Tax basis of every position amounts (incl. sparkling wine fees)
MOA+124:49' Tax basis = Total position amounts(incl. sparkling wine fees) x VAT rate
TAX+6+GST+SEK' Description of the included sparkling wine fees in the invoice
MOA+125:0' Tax basis = 0 (Mandatory in the invoice)
MOA+124:7.5' Included sparkling wine fees amount in this invoice = Sum of all separate positions

Important: The beer/sparkling wine fee is already included in the net price. The indication about the value of the beer/sparkling wine fee is just for information and is not considered in the price calculation! Please note, that the tax on beer/sparkling wine is not included in the gross price!

All existing business agreements in particular the arrangements for the submitted tax on beer/sparkling wine are not changed solely to the inclusion of the tax on beer/sparkling wine in the net price.
In particular concerns this agreements, whether beer/sparkling wine tax are part of agreed conditions (discounts, bonuses) or not.

Despite the inclusion of the tax on beer/sparkling wine in the net price, it is left solely to the business partners, how they must proceed regarding to the tax on beer/ sparkling wine conditions.

SG52 - M 10 - TAX-MOA				
MOA - M 4- Monetary amount				
Function : To specify a monetary amount.				
Segment number : 37				
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 131 = Total charges/allowances 79 = Total line items 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>				
- Taxable amount (DE5025 = 125); Mandatory; N 11+2 MOA+125:8000'				
- Tax amount (DE5025 = 124); Mandatory; N 11+2 MOA+124:800'				
- Sum of all Allownaces/Charges per VAT tax rate; Optional; N 11+2 The amount is to be provided with +/- sign. MOA+131:-1.65'				
- Total line items amount per VAT tax rate (DE5025 = 79); Optional; N 11+2: MOA+79:4000'				

UNT - M 1 - Message trailer				
Function : To end and check the completeness of a message.				
Segment number : 38				
Data element group/Data element	EDIFACT	ANW	*	Description
0074 Number of segments in a message	M n..10	M		Sum of all segments
0062 Message reference number	M an..14	M		Reference number from the UNH-Segment is to be repeated.
<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 : 39				
Data element group/Data element	EDIFACT	ANW	*	Description
0036 Interchange control count	M n..6	M		Number of messages or functional groups within an interchange.
0020 Interchange control reference	M an..14	M		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:

Minimal Occurrence:

UNH+90+INVOIC:D:01B:UN:EAN011'	Message Header
BGM+380+54+9'	Invoice number
DTM+137:20090107:102'	Message date
DTM+35:20090109:102'	Delivery date
RFF+DQ:75'	Delivery note number
DTM+171:20090107:102'	Reference date
RFF+ON:32298'	Reference order number
DTM+171:20091011:102'	Reference date
NAD+SU+9012345000011::9++supplier name:supplier name:supplier name+STREET 5+TOWN++1190+AT'	Supplier
RFF+VA:AT3929292'	VAT registration number, in connection with SU
NAD+BY+9012345000004::9++buyer name:buyer name:buyer name+STREET 5+TOWN++1190+AT'	Buyer
RFF+VA:AT4512785'	VAT registration number, in connection with BY
CUX+2:EUR:4'	Currency
LIN+1++9099999012560:SRV'	1. Article
IMD+A++:::ARTICLEDESCRIPTION1'	Article description
QTY+47:200'	Quantity
MOA+203:1980'	Line item amount

PRI+AAA:9.9'	Net Price
TAX+7+VAT+++:::20'	VAT
LIN+2++9099999026543:SRV'	2. Article
IMD+A+++:::ARTICLEDESCRIPTION2'	Article description
QTY+47:70'	Quantity
MOA+203:1260'	Line item amount
PRI+AAA:18'	Net price
TAX+7+VAT+++:::20'	VAT
UNS+S'	Begin of the summary section
MOA+79:3440'	Total line items amount
MOA+77:4128'	Invoice amount
TAX+7+VAT+++:::20'	VAT
MOA+125:3440'	Taxable amount
MOA+124:688'	Tax amount
UNT+31+90'	Message Trailer

Maximal Occurrence:

UNH+90+INVOIC:D:01B:UN:EAN011'	Message Header
BGM+380+54+9'	Invoice number
DTM+137:20090107:102'	Message date
DTM+35:20091017:102'	Delivery date
RFF+XC1:AT-N-01-BIO'	Organic control number of the supplier
RFF+DQ:75'	Number of the delivery note
DTM+171:20090107:102'	Reference date
RFF+ON:32298'	Order number
DTM+171:20091011:102'	Reference date
NAD+SU+9012345000011::9++supplier name:supplier name:supplier name+STREET 5+TOWN++1190+AT'	Supplier
RFF+VA:AT3929292'	VAT registration number, in connection with SU
NAD+BY+9012345000004::9++buyer name:buyer name:buyer name+STREET 5+TOWN++1190+AT'	Buyer
RFF+VA:AT4512785'	VAT registration number, in connection with BY
NAD+DP+9002233430181::9'	Delivery party
NAD+IV+9002233000001::9'	Invoicee
NAD+OB+9099999300414::9'	Ordered by
NAD+II+9012345000028::9'	Issuer of the invoice

CUX+2:EUR:4'	Currency
PAT+1++5:3:D:31'	Net payment term
PAT+22++5:3:D:30'	Discount terms in days
PCD+12:3'	Discount terms in percentage
PAT+22++66'	Value
DTM+209:20050605:102'	Value date
ALC+A+++1+DI'	Allowance (Invoice position)
MOA+8:50'	Allowance as Amount
MOA+25:2400'	Allowance Basis
TAX+7+VAT++++:::20'	VAT
LIN+1++9099999012560:SRV'	1. Article
IMD+C++RC::9'	Indicator for Returnable container / empties
IMD+A+++:::ARTICLEDESCRIPTION1'	Article description
QTY+47:200'	Quantity
ALI+++5'	Not to be included in bonus calculation
MOA+203:2400'	Line item amount
PAT+22'	Trigger-Segment for the following PCD-Segment
PCD+12:3'	Discount percentage
PRI+AAA:9.9'	Net price
PRI+AAB:11.9'	Gross calculation price
TAX+7+VAT++++:::20'	VAT
ALC+A+++1+AA'	Allowance 1. step of calculation
PCD+3:10'	Percentage rate
MOA+8:24'	Allowance amount
MOA+25:2400'	Charge/Allowance basis
ALC+A+++2+AAM'	2. step of calculation
MOA+8:26'	Allowance amount
MOA+25:2376'	Charge/Allowance basis
LIN+2++9099999026543:SRV'	2. Article
IMD+C++SER::9'	Identification of deduction for pick up
IMD+A+++:::ARTICLEDESCRIPTION2'	Article description
QTY+47:70'	Quantity
MOA+203:1260'	Line item amount
MOA+131:50'	Sum of total charges/allowances for the actual position
PRI+AAA:18'	Net price
TAX+7+VAT++++:::20'	VAT
LIN+3++9054443134564:SRV'	Mixed assortment (display)
IMD+C++SG::9'	Indicator for mixed assortment article
IMD+A+++:::ARTICLEDESCRIPTION3'	Article description
QTY+47:50'	Quantity
MOA+203:200'	Line item amount

PRI+AAA:4'	Net price
TAX+7+VAT+++:::20'	VAT
LIN+4++9099999300414:SRV+1:3'	Article from the mixed assortment
QTY+45E:100'	2 articles pro display: 50x2=100
LIN+5++9099999300476:SRV+1:3'	Article from the mixed assortment
QTY+45E:50'	1 article pro display: 50x1=50
UNS+S'	Beginning of the summary section
MOA+36E:1460'	Goods and services total amount
MOA+35E:2400'	Total returnable items deposit amount
MOA+79:3860'	Total line items amount
MOA+176:772'	Message total duty/tax/fee amount
MOA+77:4632'	Invoice amount
TAX+7+VAT+++:::20'	VAT
MOA+125:3860'	Taxable amount
MOA+124:772'	Tax amount
UNT+74+90'	Message Trailer

Examples for the mapping of discounts:**Variant: one step discount / only one discount for the position**

LIN+1++9099999300476:SRV'	Article
IMD+A++:::Salzstangerl500g'	Article text
IMD+C++CU::9'	Consumer unit
QTY+47:70'	Invoiced quantity
MOA+203:40.74'	Line item amount
MOA+131:-1.26'	Total charges/allowances
PRI+AAB:0.60'	Gross price
PRI+AAA:0.582'	Net price
TAX+7+VAT+++:::10+S'	VAT
ALC+A+++1+DI'	Allowance (1st costing level)
PCD+3:3'	Percent rate

Variant: one step discount with percent discount and value discount

LIN+1++9099999300476:SRV'	Article
IMD+A++:::Salzstangerl500g'	Article text
IMD+C++CU::9'	Consumer unit
QTY+47:70'	Invoiced quantity
MOA+203:38.74'	Line item amount
MOA+131:-3.26'	Total charges/allowances
PRI+AAB:0.60'	Gross price
PRI+AAA:0.553'	Net price
TAX+7+VAT+++:::10+S'	VAT
ALC+A+++1+DI'	Allowance (1st costing level)
PCD+3:3'	Percent rate
ALC+A+++1+DI'	Allowance (1st costing level)
MOA+25:42'	Allowance Basis
MOA+8:2'	Amount

Variant: one step discount with two different percent rates

LIN+1++9099999300476:SRV'	Article
IMD+A++:::Salzstangerl500g'	Article text
IMD+C++CU::9'	Consumer unit
QTY+47:70'	Invoiced quantity
MOA+203:40,32'	Line item amount
MOA+131:-1,68'	Total charges/allowances
PRI+AAB:0.60'	Gross price
PRI+AAA:0.576'	Net price
TAX+7+VAT+++:::10+S'	VAT
ALC+A+++1+DI'	Allowance (1st costing level)
PCD+3:3'	Percent rate
ALC+A+++1+DI'	Allowance (1st costing level)
PCD+3:1'	Percent rate
MOA+25:42'	Allowance Basis

Variant: two step discount with two percent rates

LIN+1++9099999300476:SRV'	Article
IMD+A+++:::Salzstangerl500g'	Article text
IMD+C++CU::9'	Consumer unit
QTY+47:70'	Invoiced quantity
MOA+203:40.13'	Line item amount
MOA+131:-1.87'	Total charges/allowances
PRI+AAB:0.60'	Gross price
PRI+AAA:0.573'	Net price
TAX+7+VAT++++:::10+S'	VAT
ALC+A+++1+DI'	Allowance (1st costing level)
PCD+3:3'	Percent rate
ALC+A+++2+DI'	Allowance (2nd costing level)
PCD+3:1.5'	Percent rate

Variant: two step discount with percent discount and value discount

LIN+1++9099999300476:SRV'	Article
IMD+A+++:::Salzstangerl500g'	Article text
IMD+C++CU::9'	Consumer unit
QTY+47:70'	Invoiced quantity
MOA+203:38.74'	Line item amount
MOA+131:-3.26'	Total charges/allowances
PRI+AAB:0.60'	Gross price
PRI+AAA:0.553'	Net price
TAX+7+VAT++++:::10+S'	VAT
ALC+A+++1+DI'	Allowance (1st costing level)
PCD+3:3'	Percent rate
ALC+A+++2+DI'	Allowance (2nd costing level)
MOA+8:2'	Amount

Example for the mapping of discount with Reverse Charge position:

UNH+90+INVOIC:D:01B:UN:EAN011'	Message header
BGM+380+54+9'	Invoice number
DTM+137:20090107:102'	Message date
DTM+35:20091017:102'	Delivery date
RFF+XC1:AT-N-01-BIO'	Organic control number of the supplier
RFF+DQ:75'	Delivery note number
DTM+171:20090107:102'	Reference date
RFF+ON:32298'	Order number
DTM+171:20091011:102'	Reference date
NAD+SU+9012345000011::9++supplier:name:supplier-name:supplier-name+STREET12+TOWN++1160+AT'	Supplier
RFF+VA:AT3929292'	VAT registration number – supplier
NAD+BY+9012345000004::9++buyer-name:buyer-name:buyer-name+STREET5+TOWN++1190+AT'	Buyer
RFF+VA:AT4512785'	VAT registration number – buyer
NAD+DP+9002233430181::9'	Delivery party
NAD+IV+9099999300414::9'	Invoicee
NAD+OB+9002233000001::9'	Ordered by
NAD+II+9012345000028::9'	Issuer of invoice
CUX+2:EUR:4'	Currency
PAT+1++5:3:D:31'	Net payment terms
PAT+22++5:3:D:30'	Discount payment terms in days
PCD+12:3'	Discount payment terms in percentage
PAT+22++66'	Value
DTM+209:20050605:102'	Value date
ALC+A+++1+DI'	Allowance (document level)
PCD+3:1.5'	Percentage
MOA+8:18.9'	Allowance amount
TAX+7+VAT+++:::20+S'	VAT
ALC+C+++FC'	Charge (document level)
MOA+8:9.9'	Charge amount
TAX+7+VAT+++:::20+S'	VAT
ALC+A+++1+DI'	Allowance (document level)
PCD+3:1.5'	Percentage
MOA+8:3'	Allowance amount
TAX+7+VAT+++:::0+AE'	VAT
LIN+1++9099999026543:SRV'	1. Article
IMD+A+++:::ARTICLEDESCRIPTION1'	Article description
QTY+47:70'	Quantity
MOA+203:1260'	Line item amount

PRI+AAA:18'	Net price
TAX+7+VAT+++:::20'	VAT
LIN+2++9054443134564:SRV'	2. Article, Reverse Charge article
IMD+A+++:::ARTICLEDESCRIPTION2'	Article description
QTY+47:50'	Quantity
FTX+REG+1+TXT:::294+ Reverse Charge according to ...'	Text for Reverse Charge
MOA+203:200'	Line item amount
PRI+AAA:4'	Net price
TAX+7+VAT+++:::0+AE'	VAT
UNS+S'	Beginning of summary section
MOA+79:1460'	Total line item amount
MOA+176:250.2'	Total tax amount
MOA+77:1710.2'	Invoice amount
TAX+7+VAT+++:::20+S'	VAT
MOA+125:1251'	Taxable amount
MOA+124:250.2'	Tax amount
TAX+7+VAT+++:::0+AE'	VAT, Reverse Charge
MOA+125:197'	Taxable amount
MOA+124:0'	Tax amount
UNT+59+90'	Message Trailer

Example for the mapping of discount on invoice level with VAT rate:

UNH+90+INVOIC:D:01B:UN:EAN011'	Message header
BGM+380+54+9'	Invoice number
DTM+137:20090107:102'	Message date
DTM+35:20091017:102'	Delivery date
RFF+XC1:AT-N-01-BIO'	Organic control number of the supplier
RFF+DQ:75'	Delivery note number
DTM+171:20090107:102'	Reference date
RFF+ON:32298'	Order number
DTM+171:20091011:102'	Reference date
NAD+SU+9012345000011::9++supplier:name:supplier-name:supplier-name+STREET12+TOWN++1160+AT'	Supplier
RFF+VA:AT3929292'	VAT registration number – supplier
NAD+BY+9012345000004::9++buyer-name:buyer-name:buyer-name+STREET5+TOWN++1190+AT'	Buyer
RFF+VA:AT4512785'	VAT registration number – buyer
NAD+DP+9002233430181::9'	Delivery party
NAD+IV+9099999300414::9'	Invoicee
NAD+OB+9002233000001::9'	Ordered by
NAD+II+9012345000028::9'	Issuer of invoice

CUX+2:EUR:4'	Currency
PAT+1++5:3:D:31'	Net payment terms
PAT+22++5:3:D:30'	Discount payment terms in days
PCD+12:3'	Discount payment terms in percentage
PAT+22++66'	Value
DTM+209:20050605:102'	Value date
ALC+A+++1+DI'	Allowance (document level)
PCD+3:4	Percentage
MOA+25:40.74	Allowance base
MOA+8:1.63'	Allowance amount
TAX+7+VAT++++:::20+S'	VAT
LIN+1++9099999300222:SRV'	1. Article
IMD+A+++:::ARTICLEDESCRIPTION1'	Article description
IMD+C++CU::9	Consumer unit
QTY+47:70'	Quantity
MOA+203:40.74'	Line item amount
MOA+131:-1.26'	Sum of total charges/allowances
PRI+AAB:0.60'	Gross calculation price
PRI+AAA:0.582'	Net price
TAX+7+VAT++++:::20+S'	VAT
ALC+A+++1+DI'	Allowance/ First step of calculation
PCD+3:3'	Percentage discount
LIN+2++9099999300476:SRV	2. Article, Reverse Charge article
IMD+A+++:::ARTICLEDESCRIPTION2'	Article description
IMD+C++CU::9'	Consumer unit
QTY+47:70'	Quantity
MOA+203:38.74'	Line item amount
MOA+131:-3.26'	Sum of total charges/allowances
PRI+AAB:0.60'	Gross calculation price
PRI+AAA:0.553'	Net price
TAX+7+VAT++++:::10+S'	VAT
ALC+A+++1+DI'	Allowance/ First step of calculation
PCD+3:3'	Percentage discount
ALC+A+++1+DI'	Allowance/ First step of calculation
MOA+25:42'	Allowance Basis
MOA+8:2'	Monetary allowance
UNS+S'	Beginning of summary section
MOA+79:79.48'	Total line item amount
MOA+77:91.17'	Invoice amount
MOA+131:-1.63'	Sum of all Allowances/Charges
MOA+176:11.69'	Total tax amount

TAX+7+VAT+++:::20+S'	VAT
MOA+125:39.11'	Taxable amount
MOA+124:7.82'	Tax amount
MOA+131:-1.63'	Sum of all Allownaces/Charges per VAT tax rate
MOA+79:40.74'	Total line items amount per VAT tax rate
TAX+7+VAT+++:::10+S'	VAT, Reverse Charge
MOA+125:38.74'	Taxable amount
MOA+124:3.87'	Tax amount
MOA+79:38.74'	Total line items amount per VAT tax rate
UNT+66+90'	Message Trailer

Practice based approach –INVOIC with credit note positions

The recommendation of ECR Austria remains to make a clear distinction between an Invoice (380) and a Credit note (381) using two separate messages.

However there is a need to work with a mixed form (= minus positions respectively credit note positions), this should only be used within an Invoice message (380). The contained credit note positions are represented in the Invoice message with a minus-sign in quantity and are distinguished in this way from the other positions. Also the line item amount is represented with a minus-sign (but never the price!). By discounts the algebraic sign remains unchanged. When the total invoice amount is also negative this should also be marked with a minus-sign on Invoice sum level.

The following example shows the relevant message segments for representation of credit note positions in an Invoice message:

LIN+1++9099999012560:SRV'	1. item (invoiced item)
QTY+47:10'	Quantity
MOA+203:120'	Line item amount
PRI+AAA:12'	Net price
PRI+AAB:14.4'	Gross calculation
TAX+7+VAT++++:::20'	VAT
LIN+2++9054443134564:SRV'	2.item (credit note item)
QTY+47:-50'	Quantity
MOA+203:-180'	Line item amount
PRI+AAA:3.6'	Net price
PRI+AAB:4.0'	Gross calculation
TAX+7+VAT++++:::20'	VAT
UNS+S'	Begin of the invoice sum level
MOA+79:-60'	Total line items amount
MOA+176:-12'	Total tax amount
MOA+77:-72'	Invoice amount
TAX+7+VAT++++:::20'	VAT
MOA+125:-60'	Tax basis
MOA+124:-12'	Tax amount

This approach needs to be agreed bilaterally between the business partners!