



REWE INTERNATIONAL STANDARD

INVOIC – Commercial invoice without a consolidated paper invoice according to new legislation from 01.1.2013

EANCOM 1997 Syntax 3

Autor: Ewald Arnold

Version: 1.2

Changes to the version 1.0:

Segment group/segment	data element	old value	new value	note
FTX	C107/4441			Qualifier TRT (=supply of goods under the simplified triangular regime) added at header level.

Changes to the version 1.1:

segment group/segment	data element	old value	new value	note
SG25/IMD	C273/7009			Qualifier NRC (=non-returnable container) and a note on the display of the non-returnable containers have been added . A standardised EAN/GTIN 9010945000011 for all non-returnable containers (= single-use PET bottles and aluminium cans) has also been added .

Definition

A message claiming payment for goods or services supplied under conditions agreed between the seller and the buyer.

The United Nations Standard Invoice Message, with correct data qualification, serves also as the specification for Debit Note and Credit Note messages.

Throughout this document, the reference to 'Invoice' may be interpreted as conveying the wider meaning of 'Invoice/Credit Note/Debit Note'.

Principles

An invoice may refer to goods, items or services related to one or more orders, delivery instructions, call-offs, etc...

An invoice may contain references to payment terms

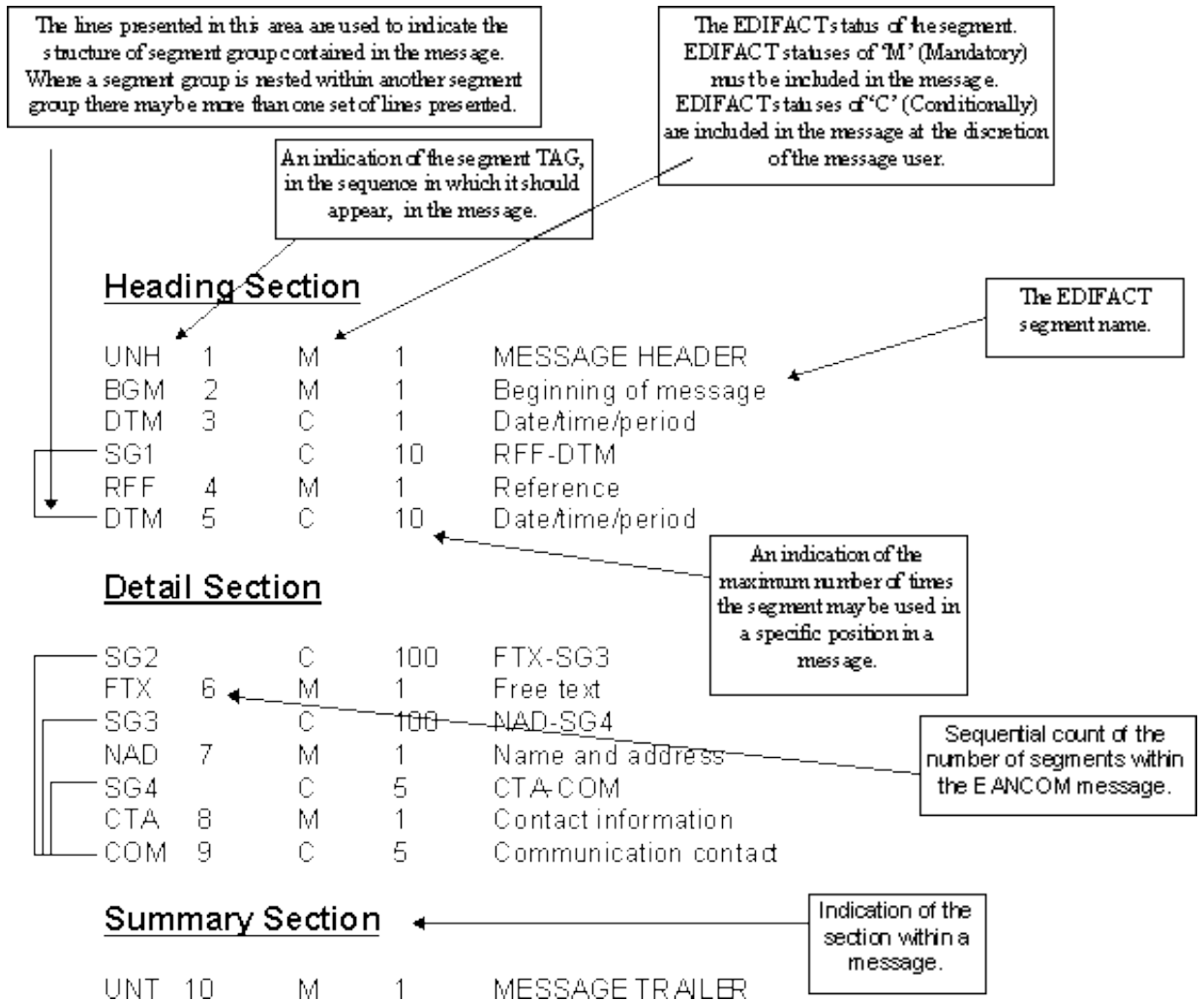
An invoice may contain transport details.

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

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 Purchase Order message. The original EDIFACT segment layout is listed. The appropriate comments relevant to the EANCOM subset are indicated.

Notes:

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

Following the EDIFACT information, EANCOM specific information is provided in the fourth, fifth and sixth columns. In the fourth column a status indicator for the use of (C)onditional EDIFACT data elements (see 2.1 through 2.3 below), in the fifth column the restricted indicator (see point 3 on the following page), and in the sixth column notes and code values used for specific data elements in the message.

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

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

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

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

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

- RESTRICTED * A data element marked with an asterisk (*) in the fifth column is (are) the only codes available for use with this data element, in this segment, in this message.
- OPEN All data elements where coded representation of data is possible and a restricted set of code values is not indicated are open (no 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
— SG1		M	3	RFF-DTM
RFF	7	M	1	Reference
— DTM	8	C	1	Date/time/period
— SG2		M	6	NAD-SG3
NAD	9	M	1	Name and address
— SG3		C	1	RFF
— RFF	10	M	1	Reference
— SG7		M	1	CUX
— CUX	11	M	1	Currencies
— SG25		M	999999	LIN-IMD-QTY-SG26-SG28-SG33
LIN	12	M	1	Line item
IMD	13	M	4	Item description
QTY	14	M	2	Quantity
— SG26		M	1	MOA
— MOA	15	M	1	Monetary amount
— SG28		M	2	PRI
— PRI	16	M	1	Price details
— SG33		M	3	TAX-MOA
TAX	17	M	1	Duty/tax/fee details
— MOA	18	C	1	Monetary amount
UNS	19	M	1	SECTION CONTROL
— SG48		M	3	MOA
— MOA	20	M	1	Monetary amount
— SG50		M	10	TAX-MOA
TAX	21	M	1	Duty/tax/fee details
— MOA	22	M	2	Monetary amount
UNT	23	M	1	MESSAGE TRAILER
UNZ	24	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/message name, coded
Invoice number	Invoice or Credit note number	M	A/N 16	BGM		1004	Document/message number
Message date		M	D 8	DTM		C507 2380	Date/time/period
Delivery date		M	D 8	DTM		C507 2380	Date/time/period
Coded text references	average tax rate, intra-community delivery, tax exempt export delivery etc.	O	A/N 5	FTX		C107 4441	Free text, coded
Tax exemption in text form		O	A/N 350	FTX		C108 4440	Free text
Order number assigned by the buyer	to which delivery/invoice refer, optional by credit note	M	A/N 16	SG1	RFF	C506 1154	Reference number
Delivery note number	optional by credit note	M	A/N 16	SG1	RFF	C506 1154	Reference number
Invoice number	Invoice reference number (only by credit note)	O	A/N 16	SG1	RFF	C506 1154	Reference number
Reference date		O	D8	SG1	DTM	C507 2380	Date/time/period
Buyer	GLN+text	M	N 13	SG2	NAD	C082 3039	Party id. identification
Supplier	GLN+text	M	N 13	SG2	NAD	C082 3039	Party id. identification
Delivery party	GLN	M	N 13	SG2	NAD	C082 3039	Party id. identification
Ultimate consignee	GLN, only if not identical with the delivery party (Cross-Docking)	O	N 13	SG2	NAD	C082 3039	Party id. identification
Ordered by	GLN, only if not identical with the buyer	O	N 13	SG2	NAD	C082 3039	Party id. identification
Invoicee	GLN, only if not identical with the buyer	O	N 13	SG2	NAD	C082 3039	Party id. Identification
VAT registration number		M	A/N 20	SG3	RFF	C506 1154	Reference number

BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
Currency		M	A/N 3	SG7 CUX	C504 6345 Currency, coded
Article	EAN	M	N 14	SG25 LIN	C212 7140 Item number
Indicator for Display article		O	A/N 3	SG25 IMD	C273 7009 Item description identification
Indicator for Returnable containers		O	A/N 3	SG25 IMD	C273 7009 Item description identification
Indicator for non-returnable containers		O	A/N 3	SG25 IMD	C273 7009 Item description identification
Article description		M	2.A/N3	SG25 IMD	C273 7008 Item description
Invoiced quantity	Delivered quantity that is being invoiced, related to EAN	M	N 7+3	SG25 QTY	C186 6060 Quantity
Free goods quantity	Delivered quantity that is not being invoiced, related to EAN	M	N 7+3	SG25 QTY	C186 6060 Quantity
Measurement unit	only used for variable quantity products (unit is not equal piece)	O	A/N 3	SG25 QTY	C186 6411 Measure unit qualifier
position value	=delivery quantity x price	M	N 10+3	SG26 MOA	C516 5004 Monetary amount
Net price		M	N 7+3	SG28 PRI	C509 5118 Price
Gross calculation price		O	N 7+3	SG28 PRI	C509 5118 Price
VAT rate	as percentage	M	N 2+2	SG33 TAX	C243 5278 Duty/tax/fee rate
Producer fees as percentage	beer, sparkling wine etc.	O	N 2+2	SG33 TAX	C243 5278 Duty/tax/fee rate
Tax amount	producer fees (beer, sparkling wine etc.) as a monetary amount	O	N 7+3	SG33 MOA	C516 5004 Monetary amount

BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
Total line items amount	sum of all line item amounts	M	N 11+2	SG48 MOA	C516 5004 Monetary amount
Message total duty/ tax/fee amount		O	N 11+2	SG48 MOA	C516 5004 Monetary amount
Invoice total amount		M	N 11+2	SG48 MOA	C516 5004 Monetary amount
VAT		M	N 2+2	SG50 TAX	C243 5278 Duty/tax/fee rate
Producer fees	as percentage	M	N 2+2	SG50 TAX	C243 5278 Duty/tax/fee rate
Taxable amount		M	N 11+2	SG50 MOA	C516 5004 Monetary amount
Tax amount		M	N 11+2	SG50 MOA	C516 5004 Monetary amount

UNA - C		1 - SERVICE STRING ADVICE			
Function :		To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows.			
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 notation	M an1	M	*	Used to indicate the character used for decimal notation (default value:".")	
UNA4 Release indicator	M an1	M	*	Used to restore separator and terminator signs to their normal meaning (value: "?")	
UNA5 Reserved for future use	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 start, identify and specify 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 n1	M	*	3 = Version 3	
S002 INTERCHANGE SENDER	M	M			
0004 Sender identification	M an..35	M		GLN (n13)	
0007 Partner identification code qualifier	C an..4	R	*	14 = EAN International.	
0008 Address for reverse routing	C an..14	N			
S003 INTERCHANGE RECIPIENT	M	M			
0010 Recipient identification	M an..35	M		GLN (n13)	
0007 Partner identification code qualifier	C an..4	R	*	14 = EAN International.	
0014 Routing address	C an..14	O			
S004 DATE/TIME OF PREPARATION	M	M			
0017 Date of preparation	M n6	M		CCYYMMDD	
0019 Time of preparation	M n4	M		HHMM	
0020 Interchange control reference	M an..14	M		Unique reference identifying the interchange. Created by the interchange sender.	
S005 RECIPIENT'S REFERENCE PASSWORD	C	O			
0022 Recipient's reference/password	M an..14	M			
0025 Recipient's reference/password qualifier	C an2	O			
0026 Application reference	C an..14	O		Message identification if the interchange contains only one type of message.	
0029 Processing priority code	C a1	O			
0031 Acknowledgement request	C n1	O			
0032 Communications agreement ID	C an..35	M	*	EANCOM-ONLY = Indicator for the use of INVOIC without a consolidated paper invoice	

Data element group/Data element	EDIFACT	ANW	*	Description
0035 Test indicator	C n1	O		1 = Interchange is a test
<p><u>Segment notes</u></p> <p>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.</p> <p>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.</p> <p>DE 0004 and 0010: Within EANCOM® the Global Location Number (GLN) is recommended for the identification of the interchange sender and recipient.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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).</p> <p>DE S005: Any use of passwords must first be agreed bilaterally by the parties to the exchange.</p> <p>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.</p> <p>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.</p> <p>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. (This information is optional)</p> <p>Example: UNB+UNOC:4+9099999300314:14+8798765432106:14+20060102:1000+12345555++++EANCOM-ONLY'</p>				

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 identifier	M an..6	M	*	INVOIC = Invoice message
0052 Message type version number	M an..3	M	*	D = Draft version/UN/EDIFACT Directory
0054 Message type release number	M an..3	M	*	96A = Version 96A
0051 Controlling agency	M an..2	M	*	UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)
0057 Association assigned code	C an..6	R	*	EAN008 = EAN version control number
0068 Common access reference	C an..35	N		
S010 STATUS OF THE TRANSFER	C	N		
0070 Sequence message transfer number	M n..2			
0073 First/last sequence message transfer indication	C a1			
<u>Segment notes</u>				
Example:				
UNH+ME000001+INVOIC:D:96A:UN:EAN008'				

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/message name, coded	C an..3	R	*	380 = Commercial invoice 381 = Credit note - goods and services
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	N		
1000 Document/message name	C an..35	N		
1004 Document/message number	C an..35	R		Invoice number/credit note number; assigned by the document sender.
1225 Message function, coded	C an..3	R	*	9 = Original 1 = Cancellation
4343 Response type, coded	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/time/period qualifier	M an..3	M	*	137 = Document/message date/time 35 = Delivery date/time, actual
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	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; D 8 DTM+35:20060615:102'				

FTX - C		8 - Free text		
Function :		To provide free form or coded text information.		
Segment number :		8		
Data element group/Data element	EDIFACT	ANW	*	Description
4451 Text subject qualifier	M an..3	M	*	REG = Regulatory information
4453 Text function, coded	C an..3	M	*	1 = Text for subsequent use
C107 Text reference	C	M		
4441 Free text, coded	M an..3	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 RCH = Reverse Charge according to § 19 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) TRT = Supply of goods under the simplified triangular regime (see segment notes)
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	M	*	294 = GS1 Austria
C108 Text literal	C	D		
4440 Free text	M an..70	R		
4440 Free text	C an..70	O		
4440 Free text	C an..70	O		
4440 Free text	C an..70	O		
4440 Free text	C an..70	O		
3453 Language, coded	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'

RCH = Reverse Charge according to § 19 paragraph 1 / Value Added Tax Act
FTX+REG+1+RCH::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 350 (5X70)
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 '

TRT = Supply of goods under the simplified triangular regime; identification of the triangular transaction and transfer of the tax liability. Article 141 of the VAT Directive 2006/112/EC and the tax debtor is the invoice recipient in accordance with Art. 197 of Directive 2006/112/EC (VAT Act): Triangular transaction according to Art. 25 para. 1 UStG and transfer of tax liability according to Art. 25 para. 5 UStG
FTX+REG+1+TRT::294'

SG1 - M 3 - 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 qualifier	M an..3	M	*	ON = Order number (buyer) DQ = Delivery note number IV = Invoice number
1154 Reference number	C an..35	R		
1156 Line number	C an..6	N		
4000 Reference version number	C an..35	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); Optional by Credit note (not used by Invoice); A/N 16 RFF+IV:5678'				

SG1 - M 3 - 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/time/period qualifier	M an..3	M	*	171 = Reference date/time
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	C an..3	R	*	102 = CCYYMMDD
<u>Segment notes</u>				
- Reference date; Optional; D 8 DTM+171:20060602:102'				

SG2 - M	6 - NAD-SG3			
NAD - M	1 - Name and address			
Function :	To specify the name/address and their related function, either by CO82 only and/or structured by CO80 thru 3207.			
Segment number :	9			
Data element group/Data element	EDIFACT	ANW	*	Description
3035 Party qualifier	M an..3	M	*	BY = Buyer SU = Supplier DP = Delivery party UC = Ultimate consignee OB = Ordered by IV = Invoicee
C082 Party identification details	C	R		
3039 Party id. identification	M an..35	M		GLN - Format n13
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	R	*	9 = EAN (International Article Numbering Association)
C058 Name and address	C	N		
3124 Name and address line	M an..35			
3124 Name and address line	C an..35			
3124 Name and address line	C an..35			
3124 Name and address line	C an..35			
3124 Name and address line	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, coded	C an..3	N		
C059 Street	C	D		
3042 Street and number/p.o. box	M an..35	M		
3042 Street and number/p.o. box	C an..35	O		
3042 Street and number/p.o. box	C an..35	O		
3042 Street and number/p.o. box	C an..35	N		

Data element group/Data element	EDIFACT	ANW	*	Description
3164 City name	C an..35	D		
3229 Country sub-entity identification	C an..9	N		
3251 Postcode identification	C an..9	D		
3207 Country, coded	C an..3	D		

Segment notes

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

NAD+BY+9012345000004::9++buyer name:buyer name:buyer name+STREET 5+TOWN++1190+AT'

For invoices without a consolidated paper invoice, the indication of buyer GLN and invoice address in structured form is mandatory.

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

NAD+SU+9012345000004::9++supplier name:supplier name:supplier name+STREET 5+TOWN++1190+AT'

For invoices without a consolidated paper invoice, the indication of supplier GLN and invoice address in structured form is mandatory.

- Delivery party (DE3035 = DP); Mandatory; 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'

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	6 - NAD-SG3			
SG3 - C	1 - 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 qualifier	M an..3	M	*	VA = VAT registration number
1154 Reference number	C an..35	R		
1156 Line number	C an..6	N		
4000 Reference version number	C an..35	N		
<u>Segment notes</u>				
- VAT registration number, in connection with BY, SU and IV (DE1154); Mandatory; A/N 20 RFF+VA:AT3929292'				

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 details qualifier	M an..3	M	*	2 = Reference currency
6345 Currency, coded	C an..3	R		EUR = Euro (EAN-Code)
6343 Currency qualifier	C an..3	R	*	4 = Invoicing currency
6348 Currency rate base	C n..4	N		
C504 Currency details	C	N		
6347 Currency details qualifier	M an..3			
6345 Currency, coded	C an..3			
6343 Currency qualifier	C an..3			
6348 Currency rate base	C n..4			
5402 Rate of exchange	C n..12	N		
6341 Currency market exchange, coded	C an..3	N		
<u>Segment notes</u> - Currency; Mandatory; A/N 3 CUX+2:EUR:4'				

SG25 - M 9999999 - LIN-IMD-QTY-SG26-SG28-SG33				
LIN - M 1 - Line item				
Function : To identify a line item and configuration.				
Segment number : 12				
Data element group/Data element	EDIFACT	ANW	*	Description
1082 Line item number	C n..6	R		Application generated number of the count of the order lines. The number must be unique and ascending within the message. Format n..14 EAN-8, UPC-A, EAN-13 oder DUN-14 * EN = International Article Numbering Association (EAN)
1229 Action request/notification, coded	C an..3	N		
C212 Item number identification	C	R		
7140 Item number	C an..35	R		
7143 Item number type, coded	C an..3	R	*	
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	N		
C829 Sub-line information	C	N		
5495 Sub-line indicator, coded	C an..3			
1082 Line item number	C n..6			
1222 Configuration level	C n..2	N		
7083 Configuration, coded	C an..3	N		
<u>Segment notes</u>				
- Article identification by EAN (DE7140); Mandatory; N 14 LIN+1++9012345000103:EN				
The LIN-Segment indicates the beginning of the detail section within the Invoice and is used to identify the item being invoiced.				

SG25 - M 9999999 - LIN-IMD-QTY-SG26-SG28-SG33				
IMD - M 4 - Item description				
Function : To describe an item in either an industry or free format.				
Segment number : 13				
Data element group/Data element	EDIFACT	ANW	*	Description
7077 Item description type, coded	C an..3	M	*	C = Code (from industry code list) F = Free-form
7081 Item characteristic, coded	C an..3	N		
C273 Item description	C	D		
7009 Item description identification	C an..17	O	*	SG = Standard group of products (mixed assortment) (EAN Code) RC = Returnable containers (EAN Code) NRC = Non-returnable containers (=single-use PET bottles and aluminium cans) (GS1-Code)
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	D	*	9 = EAN (International Article Numbering association)
7008 Item description	C an..35	D		
7008 Item description	C an..35	O		
3453 Language, coded	C an..3	N		
7383 Surface/layer indicator, coded	C an..3	N		
<u>Segment notes</u>				
- Indicator for Display article (mixed assortment) (DE7009=SG); Optional; A/N 3 IMD+C++SG::9'				
- Article description (DE7008); Mandatory; 2*A/N 35 IMD+F++++:ARTICLE DESCRIPTION:ARTICLE DESCRIPTION1'				
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 set				
- Indicator for Returnable containers/empties (DE7009=RC); Optional; A/N 3 IMD+C++RC::9'				

- Indicator for non-returnable containers (DE7009=NRC); Optional; A/N 3

LIN+2++**GTIN of the full product**:SRV'
 IMD+F++:::24x0,33L Can'
 QTY+47:2:PCE'
 MOA+66:**Line item amount**'
 PRI+AAA:**Net price of the full product**'
 TAX+7+VAT+++:::20+S'
 LIN+3++**9010945000011**:SRV' **GTIN of the deposit**
 IMD+F++:::Non-returnable deposit (=single-use deposit)'
 IMD+C++**NRC**'
 QTY+47:48:PCE' **Quantity in pieces**
 MOA+66:12' **Line item value**
 PRI+AAA:0.25'
 TAX+7+VAT+++:::0'

Information on the above segment description:

- the empties are sent together with a full product in one invoice
- both full product and empties are sent as the main item
- the price is based on the single unit
- the value added tax (TAX segment) is sent with the value zero
- the NRC indicator (for non-returnable containers) in the IMD segment must be specified
- one standardised EAN/GTIN for all non-returnable containers: 9010945000011. This GTIN refers to a single PET bottle or aluminium can!
- no influence on ORDERS and DESADV as only full products are specified in ORDERS and DESADV!

SG25 - M 9999999 - LIN-IMD-QTY-SG26-SG28-SG33				
QTY - M 2- Quantity				
Function : To specify a pertinent quantity. Segment number : 14				
Data element group/Data element	EDIFACT	ANW	*	Description
C186 Quantity details	M	M		
6063 Quantity qualifier	M an..3	M	*	47 = Invoiced quantity 192 = Free goods quantity
6060 Quantity	M n..15	M		
6411 Measure unit qualifier	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.				
DE 6411: Measurement unit for quantity variable products (unit not equal piece); for further codes see the code list.				

SG25 - M 9999999 - LIN-IMD-QTY-SG26-SG28-SG33				
SG26 - M 1 - MOA				
MOA - M 1 - Monetary amount				
Function : To specify a monetary amount.				
Segment number : 15				
Data element group/Data element	EDIFACT	ANW	*	Description
C516 Monetary amount	M	M		
5025 Monetary amount type qualifier	M an..3	M	*	66 = Goods item total
5004 Monetary amount	C n..18	R		
6345 Currency, coded	C an..3	N		
6343 Currency qualifier	C an..3	N		
4405 Status, coded	C an..3	N		
<u>Segment notes</u>				
- Goods item total; Mandatory; N 10+3 MOA+66:3500'				
DE5025: Code 66: when in the PRI segment, an indicated price is a net price: item amount= (quantity * price).				

SG25 - M 9999999 - LIN-IMD-QTY-SG26-SG28-SG33

SG28 - M 2 - PRI

PRI - M 1 - Price details

Function : To specify price information.

Segment number : 16

Data element group/Data element	EDIFACT	ANW	*	Description
C509 Price information	C	R		
5125 Price qualifier	M an..3	M	*	AAA = Calculation net AAB = Calculation gross
5118 Price	C n..15	R		
5375 Price type, coded	C an..3	N		
5387 Price type qualifier	C an..3	N		
5284 Unit price basis	C n..9	O		
6411 Measure unit qualifier	C an..3	O		
5213 Sub-line price change, coded	C an..3	N		

Segment notes

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

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

SG25 - M 9999999 - LIN-IMD-QTY-SG26-SG28-SG33

SG33 - M 3 - TAX-MOA

TAX - M 1 - Duty/tax/fee details

Function : To specify relevant duty/tax/fee information.

Segment number : 17

Data element group/Data element	EDIFACT	ANW	*	Description
5283 Duty/tax/fee function qualifier	M an..3	M	*	7 = Tax 6 = Fee
C241 Duty/tax/fee type	C	D		
5153 Duty/tax/fee type, coded	C an..3	R	*	VAT = Value added tax GST = Goods and services tax
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	N		
5152 Duty/tax/fee type	C an..35	N		
C533 Duty/tax/fee account detail	C	D		
5289 Duty/tax/fee account identification	M an..6	M		BIE = Beer fees TAB = Tobacco fees BRA = Brandy fees GLA = Gambling fees GET = Beverage fees SEK = sparkling wine fees
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	N		
5286 Duty/tax/fee assessment basis	C an..15	N		
C243 Duty/tax/fee detail	C	R		
5279 Duty/tax/fee rate identification	C an..7	N		
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	N		
5278 Duty/tax/fee rate	C an..17	R		Actual tax rate/fee rate
5273 Duty/tax/fee rate basis identification	C an..12	N		
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	N		
5305 Duty/tax/fee category, coded	C an..3	N		
3446 Party tax identification number	C an..20	N		

Segment notes

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

- 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'

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

SG25 - M 9999999 - LIN-IMD-QTY-SG26-SG28-SG33

SG33 - M 3 - TAX-MOA

MOA - C 1 - Monetary amount

Function : To specify a monetary amount.

Segment number : 18

Data element group/Data element	EDIFACT	ANW	*	Description
C516 Monetary amount	M	M		
5025 Monetary amount type qualifier	M an..3	M	*	124 = Tax amount
5004 Monetary amount	C n..18	R		
6345 Currency, coded	C an..3	N		
6343 Currency qualifier	C an..3	N		
4405 Status, coded	C an..3	N		

Segment notes

- Tax amount; Optional; N 7+3
MOA+124:250'

UNS - M 1 - SECTION CONTROL				
Function : To separate header, detail, and summary sections of a message.				
Segment number : 19				
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'				

SG48 - M 3 - MOA				
MOA - M 1 - Monetary amount				
Function : To specify a monetary amount.				
Segment number : 20				
Data element group/Data element	EDIFACT	ANW	*	Description
C516 Monetary amount	M	M		
5025 Monetary amount type qualifier	M an..3	M	*	79 = Total line items amount 176 = Message total duty/tax/fee amount 39 = Invoice total amount
5004 Monetary amount	C n..18	R		
6345 Currency, coded	C an..3	N		
6343 Currency qualifier	C an..3	N		
4405 Status, coded	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'				
- 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 = 39); Mandatory; N 11+2 MOA+39:4000'				

SG50 - M 10 - TAX-MOA				
TAX - M 1 - Duty/tax/fee details				
Function : To specify relevant duty/tax/fee information.				
Segment number : 21				
Data element group/Data element	EDIFACT	ANW	*	Description
5283 Duty/tax/fee function qualifier	M an..3	M	*	7 = Tax 6 = Fee
C241 Duty/tax/fee type	C	R		
5153 Duty/tax/fee type, coded	C an..3	R	*	VAT = Value added tax GST = Goods and services tax
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	N		
5152 Duty/tax/fee type	C an..35	N		
C533 Duty/tax/fee account detail	C	D		
5289 Duty/tax/fee account identification	M an..6	M		BIE = Beer fees TAB = Tobacco fees BRA = Brandy fees GLA = Gambling fees GET = Beverage fees SEK = sparkling wine fees
1131 Code list qualifier	C an..3			
3055 Code list responsible agency, coded	C an..3			
5286 Duty/tax/fee assessment basis	C an..15	N		
C243 Duty/tax/fee detail	C	R		
5279 Duty/tax/fee rate identification	C an..7	N		
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	N		
5278 Duty/tax/fee rate	C an..17	R		actual tax rate
5273 Duty/tax/fee rate basis identification	C an..12	N		
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	N		
5305 Duty/tax/fee category, coded	C an..3	N		
3446 Party tax identification number	C an..20	N		

Segment notes

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

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

SG50 - M 10 - TAX-MOA				
MOA - M 2 - Monetary amount				
Function : To specify a monetary amount.				
Segment number : 22				
Data element group/Data element	EDIFACT	ANW	*	Description
C516 Monetary amount	M	M		
5025 Monetary amount type qualifier	M an..3	M	*	125 = Taxable amount 124 = Tax amount
5004 Monetary amount	C n..18	R		Amount
6345 Currency, coded	C an..3	N		
6343 Currency qualifier	C an..3	N		
4405 Status, coded	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'				

UNT - M 1 - MESSAGE TRAILER				
Function : To end and check the completeness of a message.				
Segment number : 23				
Data element group/Data element	EDIFACT	ANW	*	Description
0074 Number of segments in a message	M n..6	M		Sum of all segments
0062 Message reference number	M an..14	M		Reference number from the UNH-Segment is to be repeated.
<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 : 24				
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:

UNH+90+INVOIC:D:96A:UN:EAN008'	Message-Header
BGM+380+54+9'	Invoice number
DTM+137:20050107:102'	Message date
DTM+35:20050106:102'	Delivery date
RFF+DQ:75'	Number of the delivery note
RFF+ON:32298'	Order number
DTM+171:20041011:102'	Reference date
NAD+SU+9012345000004::9++supplier name:supplier name:supplier name+STREET 5+TOWN++1190+AT'	Supplier
RFF+VA:AT3929292'	VAT registration number, in connection with Supplier
NAD+BY+9012345000004::9++buyer name:buyer name:buyer name+STREET 5+TOWN++1190+AT'	Buyer
RFF+VA:AT3456815'	VAT registration number, in connection

	with Buyer
NAD+DP+9012345000028::9'	Delivery party
CUX+2:EUR:4'	Currency
LIN+1++9099999012560:EN'	1. Article
IMD+F++::ARTIKELTEXT1'	Article description
QTY+47:200'	Quantity
MOA+66:1980'	Goods item total
PRI+AAA:9.9'	Price
TAX+7+VAT+++:::20'	VAT
LIN+2++9099999026543:EN'	2. Article
IMD+F++::ARTIKELTEXT2'	Article description
QTY+47:70'	Quantity
MOA+66:1260'	Goods item total
PRI+AAA:18'	Price
TAX+7+VAT+++:::20'	VAT
UNS+S'	Beginning of the summary section
MOA+79:3440'	Total line items amount
MOA+39:4128'	Invoice total amount
TAX+7+VAT+++:::20'	VAT
MOA+125:3440'	Taxable amount
MOA+124:688'	Tax amount
UNT+32+90'	Message-Trailer