



REWE INTERNATIONAL STANDARD

**INVOIC – Consolidated invoice
with Delivery note details **without** a
consolidated paper invoice according to new
legislation from 01.1.2013**

**Message definition
EANCOM 2002 Syntax 3**

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Table of Contents

1. Message structure INVOIC	5
2. Business Terms	6
3. Segment description INVOIC	10
4. Example INVOIC	44

Document structure

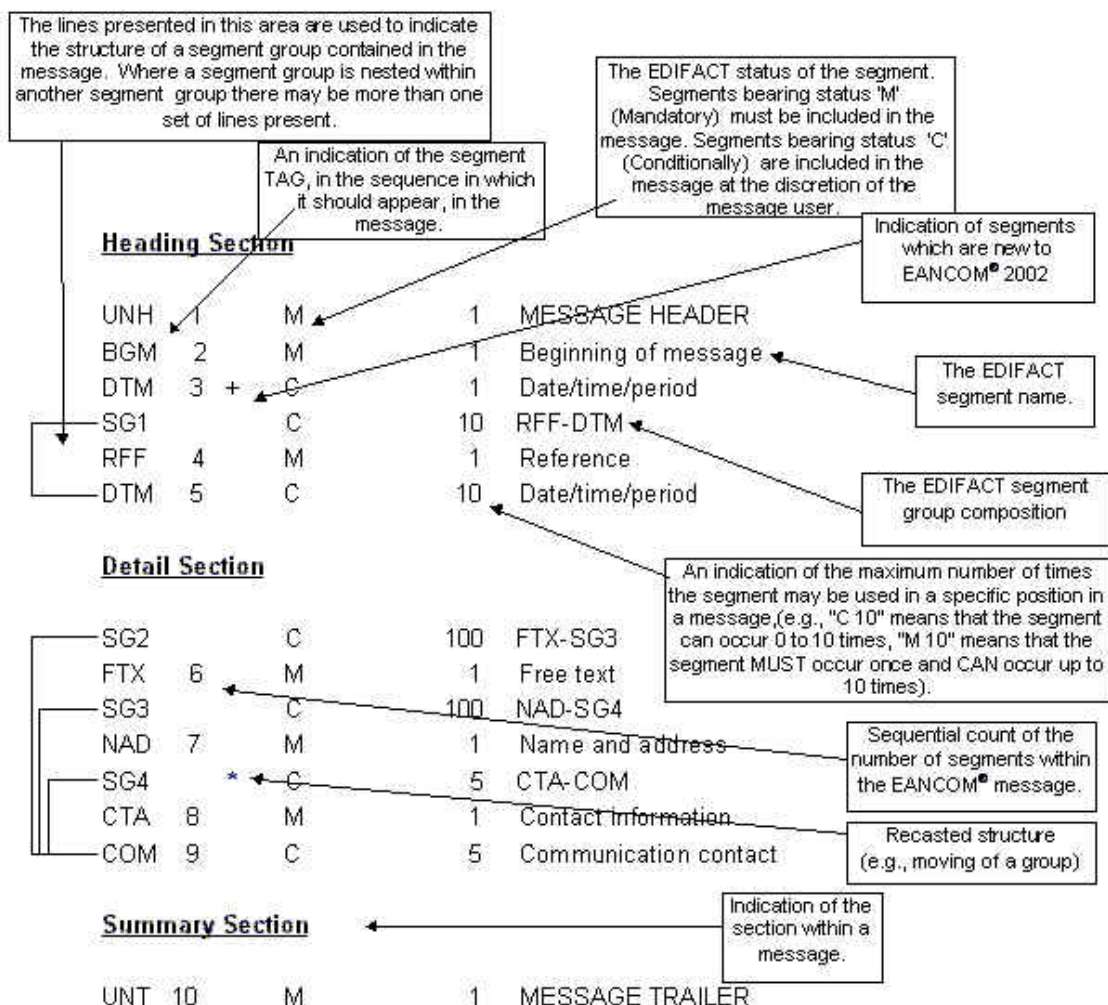
1. Message structure
2. Business Terms
3. Segment description

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.

Example of a message structure chart:



1. Message structure INVOIC

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		C	1	RFF
RFF	7	M	1	Reference
SG2		M	4	NAD-SG3
NAD	8	M	1	Name and address
SG3		M	1	RFF
RFF	9	M	1	Reference
SG7		M	1	CUX
CUX	10	M	1	Currencies
SG26		M	999999	LIN-IMD-QTY-DTM-SG27-SG29-SG30-SG34-SG35
LIN	11	M	1	Line item
IMD	12	M	4	Item description
QTY	13	M	2	Quantity
DTM	14	M	1	Data/time/period
SG27		M	1	MOA
MOA	15	M	1	Monetary amount
SG29		M	1	PRI
PRI	16	M	1	Price details
SG30		M	5	RFF-DTM
RFF	17	M	1	Reference
DTM	18	C	1	Data/time/period
SG34		M	3	TAX-MOA
TAX	19	M	1	Duty/tax/free details
MOA	20	C	1	Monetary amount
SG35		M	3	NAD
NAD	21	M	1	Name and address
UNS	22	M	1	Section control
SG50		M	5	MOA
MOA	23	M	1	Monetary amount
SG52		M	10	TAX-MOA
TAX	24	M	1	Duty/tax/free details
MOA	25	M	9	Monetary amount
UNT	26	M	1	Message trailer
UNZ	27	M	1	Interchange trailer

2. Business Terms

Business term	Description	Status	Format	Segment		Data element	
Consolidated invoice / consolidated credit note		M	A/N 3	BGM		C002	1001 Document name code
Invoice/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
Invoicing period	By Invoice	M	D 17	DTM		C507	2380 Date or time or period value
Invoicing period	By Credit note	O	D 17	DTM		C507	2380 Date or time or period value
Tax reduction reason	The segment FTX is mandatory for tax reduction reason, incase of invoices without a consolidated paper invoice.	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
Organic control number	Organic control number of the supplier	O	A/N 35	SG1	RFF	C506	1154 Reference identifier
Buyer	GLN+text	M	N 13	SG2	NAD	C082	3039 Party identifier
Supplier	GLN+text	M	N 13	SG2	NAD	C082	3039 Party identifier
Invoicee	GLN, only if not identical with the buyer	O	N 13	SG2	NAD	C082	3039 Party identifier
Issuer of invoice	Only if not identical with the supplier	O	N 13	SG2	NAD	C082	3039 Party identifier

Business term	Description	Status	Format	Segment		Data element		
Company name	For invoices without a consolidated paper invoice By SU,BY, IV and II	M	A/N 3x35	SG2	NAD	C080	3036	Party name
Street	For invoices without a consolidated paper invoice By SU,BY, IV and II	M	A/N 2x35	SG2	NAD	C059	3042	Street and number or post office b
Location	For invoices without a consolidated paper invoice By SU,BY, IV and II	M	A/N 35	SG2	NAD		3164	City name
Postal code	For invoices without a consolidated paper invoice By SU,BY, IV and II	M	A/N 17	SG2	NAD		3251	Postal identification code
Country name coded		O	A/N 3	SG2	NAD		3207	Country name code
VAT registration number	For invoices without a consolidated paper invoice By SU,BY, IV and II	M	A/N 20	SG3	RFF	C506	1154	Reference identifier
Currency		M	A/N 3	SG7	CUX	C504	6345	Currency identification code
Article	EAN	M	N 14	SG26	LIN	C212	7140	Item identifier
Identification of mixed assortment		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
Article description		M	A/N70	SG26	IMD	C273	7008	Item description
Invoiced quantity	Delivered quantity, that is being invoiced, related to EAN	M	N 7+3	SG26	QTY	C186	6060	Quantity
Free goods quantity	Delivered quantity that is not being invoiced, related to EAN	M	N 7+3	SG26	QTY	C186	6060	Quantity

Business term	Description	Status	Format	Segment	Data element
Number of units in higher packaging or configuration level	Only used for variable quantity products (unit is not equal piece)	O	N 7+3	SG26 QTY	C186 6060 Quantity
Measurement unit		O	A/N 3	SG26 QTY	C186 6411 Measurement unit code
Delivery date	=delivered quantity x net – net price Einkaufspreis	M	D 8	SG26 DTM	C507 2380 Date or time or period value
Line item amount		M	N 10+3	SG27 MOA	C516 5004 Monetary amount
Net price	Net – net price	M	N 7+3	SG29 PRI	C509 5118 Price amount
Order number (buyer)	Optional by credit note	M	A/N 16	SG30 RFF	C506 1154 Reference identifier
Delivery note number	Reference invoice number by credit notes	M	A/N 16	SG30 RFF	C506 1154 Reference identifier
Reference invoice number		O	A/N 16	SG30 RFF	C506 1154 Reference identifier
Receiving advice number		O	A/N 16	SG30 RFF	C506 1154 Reference identifier
Reference number		Number of instruction for returns	O	A/N 16	SG30 RFF
Order date	Date of order	O	D8	SG30 DTM	C507 2380 Date or time or period value
VAT rate	As percentage	M	N 2+2	SG34 TAX	C243 5278 Duty or tax or fee rate
Producer fee as percentage	Beer, sparkling wine, etc.	O	N 2+2	SG34 TAX	C243 5278 Duty or tax or fee rate

Business term	Description	Status	Format	Segment		Data element		
Tax amount	Producer fees as monetary amount	O	N 7+3	SG34	MOA	C516	5004	Monetary amount
Delivery party	GLN and optional address	M	N 13	SG35	NAD	C082	3039	Party identifier
Ultimate consignee	GLN, only if not identical with delivery party (Cross-docking)	O	N 13	SG35	NAD	C082	3039	Party identifier
Ordered by	GLN, only if not identical with the buyer	O	N 13	SG35	NAD	C082	3039	Party identifier
Total line item amount	Sum of all line item amounts	M	N 11+2	SG50	MOA	C516	5004	Monetary amount
Goods and service 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
Invoice amount		M	N 11+2	SG50	MOA	C516	5004	Monetary amount
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
Taxable amount		M	N 11+2	SG52	MOA	C516	5004	Monetary amount
Tax amount		M	N 11+2	SG52	MOA	C516	5004	Monetary amount

3. Segment description INVOIC

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 elemen 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	*	See code list
0002 Syntax version number	M an1	M	*	3 = Version 3
0080 Service Code list directory version number	C an..6	N		
0133 Character encoding, coded	C an..3	N		
S002 Interchange sender	M	M		
0004 Interchange sender identification	M an..35	M		GLN (n13)
0007 Identification code qualifier	C an..4	R	*	14 = EAN International.
0008 Interchange sender internal identification	C an..35	N		
0042 Interchange sender internal sub-identification	C an..35	N		
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	N		
0046 Interchange recipient internal sub-identification	C an..35	N		
S004 Date and time of preparation	M	M		
0017 Date	M n8	M		CCYYMMDD
0019 Time	M n4	M		HHMM
0020 Interchange control reference	M an..14	M		Unique Interchange reference assigned by the sender
S005 Recipient reference password details	C	N		
0022 Recipient reference/password	M an..14			
0025 Recipient reference/password qualifier	C an2			
0026 Application reference	C an..14	O		
0029 Processing priority code	C a1	N		

0031 Acknowledgement request	C n1	N	
0032 Interchange agreement identifier	C an..35	M	EANCOM-ONLY = Indicator for the use of INVOIC without a consolidated paper invoice
0035 Test indicator	C n1	O	1 = Interchange is a test

Segment Notes

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

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

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

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

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

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

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

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

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

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

DE 0032: This data element contains an indicator for INVOIC without a consolidated paper invoice. This is used to facilitate automated processing of the interchange.

Example:

UNB+UNOC:4+9099999300314:14+8798765432106:14+20060102:1000+12345555++++EANCOM-ONLY'

UNH - M		1 - Message header		
Function :		To head, identify and specify a message		
Segment number :		3		
Data element group/Data element	EDIFACT	ANW	*	Description
0062 Message reference number	M an..14	M		Sender's unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be exactly the same. Sender generated.
S009 Message identifier	M	M		
0065 Message type	M an..6	M	*	INVOIC = Invoice message
0052 Message version number	M an..3	M	*	D = Draft version/UN/EDIFACT Directory
0054 Message release number	M an..3	M	*	01B = Release 2001 - B
0051 Controlling agency, coded	M an..3	M	*	UN = UN/CEFACT
0057 Association assigned code	C an..6	R	*	EAN010 = EAN Version number
0110 Code list directory version number	C an..6	O		Code list version
0113 Message type sub-function identification	C an..6	N		
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	N		
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	N		
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	C	N		
0127 Scenario identification	M an..14			
0128 Scenario version number	C an..3			
0130 Scenario release number	C an..3			
0051 Controlling agency, coded	C an..3			
<u>Segment Notes</u>				
Example: UNH+ME00001+INVOIC:D:01B:UN:EAN010'				

BGM - M		1 - Beginning of message		
Function :		To indicate the type and function of a message and to transmit the identifying number.		
Segment number :		4		
Data element group / Data element	EDIFACT	ANW	*	Description
C002 Document/message name	C	R		
1001 Document name code	C an..3	R	*	385 = Consolidated invoice 262 = Consolidated credit note – goods and services
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
1000 Document name	C an..35	N		
C106 Document/message identification	C	R		
1004 Document identifier	C an..35	R		Invoice/credit note number, assigned by the document sender.
1056 Version identifier	C an..9	N		
1060 Revision identifier	C an..6	N		
1225 Message function code	C an..3	R	*	9 = Original
4343 Response type code	C an..3	N		
<u>Segment Notes</u>				
<p>- Message type - Consolidated invoice (DE1001 = 385), Mandatory *); A/N 3 - Invoice number (DE1004); Mandatory; A/N 16 BGM+385+200099+9'</p> <p>- Message type - Consolidated credit note (DE1001 =262); Mandatory *); A/N 3 - Credit note number (DE1004); Mandatory; A/N 16 BGM+262+300200+9'</p> <p>*) One of these message types (together with the message number) must be set. The INVOIC serves as both: Consolidated invoice and Consolidated credit note.</p>				

DTM - M 2 - Date/time/period				
Function : To specify date and/or time or period				
Segment number : 5				
Data element group / Data element	EDIFACT	ANW	*	Description
C507 Date/time/period	M	M		
2005 Date or time or period function code qualifier	M an..3	M	*	137 = Document/message date/time 263 = Invoicing period
2380 Date or time or period value	C an..35	R		
2379 Date or time or period format code	C an..3	R	*	102 = CCYYMMDD 718 = CCYYMMDD-CCYYMMDD
<u>Segment Notes</u>				
- Message date (DE2005 = 137); Mandatory; D 8 DTM+137:20060522:102'				
- Invoicing period (DE2005 = 263); Mandatory by invoice (Qualifier=385); Optional by credit note (Qualifier=262); D 17 DTM+263:2006061520060630:718'				

FTX - C 8- Free text				
Function : To provide free form or coded text information				
Segment number : 6				
Data element group/Data element	EDIFACT	ANW	*	Description
4451 Text subject code qualifier	M an..3	M	*	REG = Regulatory information
4453 Free text function code	C an..3	M	*	1 = Text for subsequent use
C107 Text reference	C	M		
4441 Free text value code	M an..17	M	*	DSS = Average tax rate according to § 22 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)
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

Note: The segment FTX is mandatory for tax reduction reason, in case of invoices without a consolidated paper 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 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 - C 1 - RFF				
RFF - M 1 - Reference				
Function : To specify a reference.				
Segment number : 7				
Data element group/Data element	EDIFACT	ANW	*	Description
C506 Reference	M			
1153 Reference code qualifier	M an..3	M	*	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>				
- Organic control number of the supplier (DE1153 = XC1); Optional; A/N 35 RFF+XC1: AT-N-01-BIO'				

SG2 - M		4 - 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 :		8		
Data element group/Data element	EDIFACT	ANW	*	Description
3035 Party function code qualifier	M an..3	M	*	BY = Buyer SU = Supplier 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	*	9 = EAN (International Article Numbering Association)
C058 Name and address	C	N		
3124 Name and address description	M an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
C080 Party name	C	D		
3036 Party name	M an..35	M		
3036 Party name	C an..35	O		
3036 Party name	C an..35	O		
3036 Party name	C an..35	N		
3036 Party name	C an..35	N		
3045 Party name format code	C an..3	N		
C059 Street	C	D		
3042 Street and number or post office box identifier	M an..35	M		
3042 Street and number or post office box identifier	C an..35	O		
3042 Street and number or post office box identifier	C an..35	N		

3042	Street and number or post office box identifier	C an..35	N	
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	C an..3		
3228	Country sub-entity name	C an..70		
3251	Postal identification code	C an..17	D	
3207	Country name code	C an..3	D	

Segment Notes

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

NAD+BY+9012345000004::9++Buyer-Name: Buyer -Name: Buyer -Name+MUSTERPLATZ 5+WIEN++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+9012345000011::9++Supplier-Name: Supplier -Name: Supplier -Name+MUSTERPLATZ 12+WIEN++1160+AT'

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

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

NAD+IV+9012345000059::9++Invoicee-Name: Invoicee -Name: Invoicee -Name+MUSTERPLATZ 5+WIEN++1190+AT'

This qualifier is only used, when the invoicee is different from the buyer (BY).

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

NAD+II+9099999300414::9++Issuer of invoice-Name: Issuer of invoice -Name: Issuer of invoice -Name+MUSTERPLATZ

5+WIEN++1190+AT'

This qualifier is only used, when the issuer of invoice is different from the supplier (SU).

DE3039: For partner identification use exclusively the GLN.

SG2 - M	4 - NAD-SG3				
SG3 - M	1 - RFF				
RFF - M	1 - Reference				
Function : To specify a reference					
Segment number : 9					
Data element group/Data element	EDIFACT	ANW	*	Description	
C506 Reference	M	M			
1153 Reference code qualifier	M an..3	M	*	VA = VAT registration number	
1154 Reference identifier	C an..70	R			
1156 Document line identifier	C an..6	N			
4000 Reference version identifier	C an..35	N			
1060 Revision identifier	C an..6	N			
<u>Segment Notes</u>					
- VAT registration number, in connection with BY, SU, IV and II (DE1154); Mandatory by Invoice/ Credit Note without a consolidated paper invoice ; 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 :	10			
Data element group/Data element	EDIFACT	ANW	*	Description
C504 Currency details	C	R		
6347 Currency usage code qualifier	M an..3	M	*	2 = Reference currency
6345 Currency identification code	C an..3	R		EUR = Euro (EAN-Code)
6343 Currency type code qualifier	C an..3	R	*	4 = Invoicing currency
6348 Currency rate value	C n..4	N		
C504 Currency details	C	N		
6347 Currency usage code qualifier	M an..3			
6345 Currency identification code	C an..3			
6343 Currency type code qualifier	C an..3			
6348 Currency rate value	C n..4			
5402 Currency exchange rate	C n..12	N		
6341 Exchange rate currency market identifier	C an..3	N		
<u>Segment Notes</u>				
- Currency; Mandatory; A/N 3 CUX+2:EUR:4'				

SG26 - M 9999999 - LIN-IMD-QTY-DTM-SG27-SG29-SG30-SG34-SG35				
LIN - M 1 - Line item				
Function : To identify a line item and configuration				
Segment number : 11				
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		
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		
C829 Sub-line information	C	N		
5495 Sub-line indicator code	C an..3			
1082 Line item identifier	C an..6			
1222 Configuration level number	C n..2	N		
7083 Configuration operation code	C an..3	N		
<u>Segment Notes</u>				
- Article identification EAN (DE7140); Mandatory; N 14 LIN+1++9012345000103:SRV'				
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-IMD-QTY-DTM-SG27-SG29-SG30-SG34-SG35				
IMD - M 4- Item description				
Function : To describe an item in either an industry or free format				
Segment number : 12				
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)
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	D		Max. 70 characters
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 mixed assortment (DE7009=SG); Optional; A/N 3
IMD+C++SG::9'

- Article description (DE7008); Mandatory by Invoice/ Credit Note without a consolidated paper invoice; A/N 70
IMD+A++::ARTIKELTEXT1'

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'

SG26 - M 9999999 - LIN-IMD-QTY-DTM-SG27-SG29-SG30-SG34-SG35				
QTY - M 2- Quantity				
Function : To specify a pertinent quantity. Segment number : 13				
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 (mixed assortment); 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 variable quantity products (unit not equal piece); for further codes see code list				

SG26 - M 9999999 - LIN-IMD-QTY-DTM-SG27-SG29-SG30-SG34-SG35				
DTM - M 1 - Date/time/period				
Function : To specify date and/or time or period				
Segment number : 14				
Data element group/Data element	EDIFACT	ANW	*	Description
C507 Date/time/period	M	M		
2005 Date or time or period function code qualifier	M an..3	M	*	35 = Delivery date/time, actual
2380 Date or time or period value	C an..35	R		
2379 Date or time or period format code	C an..3	R	*	102 = CCYYMMDD
<u>Segment Notes</u>				
- Delivery date/time, actual (DE2005 = 35); Mandatory; D 8 DTM+35:20060615:102'				

SG26 - M 9999999 - LIN-IMD-QTY-DTM-SG27-SG29-SG30-SG34-SG35				
SG27 - 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 code qualifier	M an..3	M	*	203 = Line item amount
5004 Monetary amount	C n..35	R		
6345 Currency identification code	C an..3	N		
6343 Currency type code qualifier	C an..3	N		
4405 Status description code	C an..3	N		
<u>Segment Notes</u>				
- Line item amount; Mandatory); N 10+3 MOA+203:3500'				
Note: The line item amount is calculated on the base of the net price (AAA), specified in the PRI-Segment X Quantity!				

SG26 - M 9999999 - LIN-IMD-QTY-DTM-SG27-SG29-SG30-SG34-SG35				
SG29 - M 1 - 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 code qualifier	M an..3	M	*	AAA = Calculation net
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		
<u>Segment Notes</u>				
- Net price (DE5125 = AAA); Mandatory; N 7+3 PRI+AAA:55'				
The net price ist he price information without taxes and within all discounts valid for this article.				

SG26 - M 9999999 - LIN-IMD-QTY-DTM-SG27-SG29-SG30-SG34-SG35				
SG30 - M 5 - RFF-DTM				
RFF - M 1 - Reference				
Function : To specify a reference				
Segment number : 17				
Data element group/Data element	EDIFACT	ANW	*	Description
C506 Referenz	M	M		
1153 Reference code qualifier	M an..3	M	*	ON = Order number (buyer) DQ = Delivery note number IRN = Instruction for returns 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 (DE1153 = ON); Mandatory; A/N 16 RFF+ON:4711'				
- Delivery note number (DE1153 = DQ); Mandatory; A/N 16 RFF+DQ:1234'				
- Instruction for returns number (DE1153 = IRN); Optional; A/N 16 RFF+IRN:5664'				

SG26 - M 9999999 - LIN-IMD-QTY-DTM-SG27-SG29-SG30-SG34-SG35				
SG30 - M 5 - RFF-DTM				
DTM - C 1 - Date/time/period				
Function : To specify date and/or time or period				
Segment number : 18				
Data element group/Data element	EDIFACT	ANW	*	Description
C507 Date/time/period	M	M		
2005 Date or time or period function code qualifier	M an..3	M	*	171 = Reference date/time
2380 Date or time or period value	C an..35	R		
2379 Date or time or period format code	C an..3	R	*	102 = CCYYMMDD
<u>Segment Notes</u>				
- Reference date; Optional; D 8 DTM+171:20060602:102'				

SG26 - M 9999999 - LIN-IMD-QTY-DTM-SG27-SG29-SG30-SG34-SG35				
SG34 - M 3 - TAX-MOA				
TAX - M 1 - Duty/tax/fee details				
Function : To specify relevant duty/tax/fee information				
Segment number : 19				
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 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
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency	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		Actual tax rate
5273 Duty or tax or fee rate basis code	C an..12	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
5305 Duty or tax or fee category code	C an..3	O		E = exempt from tax S = standard rate
3446 Party tax identifier	C an..20	N		

1227 Calculation sequence code	C an..3	N		
<p><u>Segment Notes</u></p> <p>Value added tax for the actual position; Mandatory *); N 2+2 TAX+7+VAT++++:::20+S'</p> <p>- Producer fees (beer) as percentage; Optional; N 2+2; (the respective amounts are displayed in the following MOA-segment) TAX+6+GST+BIE'</p> <p>Remark to DE 5278 and 5305: By exempt from tax amounts or tax free amounts DE 5278 must always be filled with value 0 (Zero).</p> <p>It is allowed to set one VAT rate and two fees for one article.</p>				

SG26 - M 9999999 - LIN-IMD-QTY-DTM-SG27-SG29-SG30-SG34-SG35				
SG34 - M 3 - TAX-MOA				
MOA - C 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 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-IMD-QTY-DTM-SG27-SG29-SG30-SG34-SG35				
SG35 - M 3 - NAD				
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 : 21				
Data element group/Data element	EDIFACT	ANW	*	Description
3035 Party function code qualifier	M an..3	M	*	DP = Delivery party UC = Ultimate consignee OB = Ordered by
C082 Party identification details	C	R		
3039 Party identifier	M an..35	M		GLN - Format n13
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	R	*	9 = EAN (International Article Numbering Association)
C058 Name and address	C	N		
3124 Name and address description	M an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
C080 Party name	C	N		
3036 Party name	M an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3045 Party name format code	C an..3			
C059 Street	C	N		
3042 Street number or post office box identifier	M an..35			
3042 Street number or post office box identifier	C an..35			

3042	Street number or post office box identifier	C an..35		
3042	Street number or post office box identifier	C an..35		
3164	City name	C an..35	N	
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	N	
3207	Country name code	C an..3	N	

Segment Notes

- Delivery Party (DE3035 = DP); Mandatory*); N 13
NAD+DP+9012345000028::9'

***) For invoices without a consolidated paper invoice the delivery address is identified with GLN and optional address in structured form.**

- Ultimate consignee (DE3035 = UC); Optional; N 13
NAD+UC+9012345000035::9'

- Ordered by (DE3035 = OB); Optional; N 13
NAD+OB+9012345000042::9'

Remark for 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.

UNS - M 1 - Section control				
Function : To separate header, detail and summary sections of a message.				
Segment number : 22				
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		5 - MOA		
MOA - M		1 - Monetary amount		
Function : To specify a monetary amount				
Segment number : 23				
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 item amount 176 = Message total duty/tax/fee amount 77 = Invoice amount
5004 Monetary amount	C n..35	R		
6345 Currency identification code	C an..3	N		
6343 Currency type code qualifier	C an..3	N		
4405 Status description code	C an..3	N		
<u>Segment Notes</u>				
Einzustellende Datenfelder:				
- 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'				
*) The total line item amount is obligatory. Goods and services total amount and total returnable items deposit amount should 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 : 24					
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 coded	C an..3	R	*	VAT = Value added tax GST = Goods and service 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	
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		Actual tax rate	
5273 Duty or tax or fee rate basis code	C an..12	N			
1131 Code list identification code	C an..17	N			
3055 Code list responsible agency code	C an..3	N			
5305 Duty or tax or fee category code	C an..3	O		E = exempt from tax S = standard rate	
3446 Party tax identifier	C an..20	N			
1227 Calculation sequence code	C an..3	N			

Segment Notes

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

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

Remark to DE 5278 and 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.

SG52 - M 10 - TAX-MOA				
MOA - M 9- 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	*	125 = Taxable amount 124 = Tax 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'				

UNT - M 1 - Message trailer				
Function : To end and check the completeness of a message				
Segment number : 26				
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		Repetition of the reference number from the UNH-segment
<u>Segment Notes</u>				
This segment is a mandatory UN/EDIFACT segment				
Example: UNT+35+ME000001'				

UNZ - M 1 - Interchange trailer				
Function : To end and check the completeness of an interchange				
Segment number : 27				
Data element group/Data element	EDIFACT	ANW	*	Description
0036 Interchange control count	M n..6	M		Sum of all segments
0020 Interchange control reference	M an..14	M		Reference number from the UNH-segment is to be repeated.
<u>Segment Notes</u>				
This segment is used to provide the trailer of an interchange.				
DE 0036: If functional groups are used, this is the number of functional groups within the interchange. If functional groups are not used, this is the number of messages within the interchange.				
Example: UNZ+5+1234555'				

4. Example INVOIC

UNA:+.? '	Service string information
UNB+UNOC:3+9099999300476:14+9099999300414:14+20060629:0801+234+++++EANCOM-ONLY'	Interchange Header
UNH+1+INVOIC:D:01B:UN:EAN010'	Message header
BGM+385+2789+9'	Invoice number
DTM+137:20100112:102'	Invoice date
DTM+263:2010010820100112:718'	Invoicing period
NAD+BY+9004108000000::9+++Name1:Name2+Strasse 9+Wien++2355+AT'	Buyer, GLN and address text
RFF+VA:ATU111111111'	VAT reg. number buyer
NAD+SU+9099999300476::9+++Name1:Name2+Mustertergasse 3+Salzburg++2800+AT'	Supplier, GLN and address text
RFF+VA:1234567890123'	VAT reg. number supplier
CUX+2:EUR:4'	Currency

LIN+1++9099999026543:SRV'	1. product
IMD+A++:::LIMO 1L'	Product description
QTY+47:50'	Quantity
DTM+35:20100111:102'	Delivery date
MOA+203:300'	Line item amount
PRI+AAA:6'	Net price
RFF+ON:6544'	Order reference
DTM+171:20100110:102'	Order date
RFF+DQ:58772'	Delivery note reference
TAX+7+VAT++++:::20+S'	VAT
NAD+DP+9002233000043::9'	Delivery address
NAD+OB+9004108000000::9'	Ordered by
UNS+S'	Segment to separate detail and summary section
MOA+79:450'	Total line items amount
MOA+176:90'	Message total duty/tax/fee amount
MOA+77:540'	Invoice amount
TAX+7+VAT++++:::20+S'	VAT
MOA+125:450'	Taxable amount
MOA+124:90'	Tax amount
UNT+29+1'	Message trailer
UNZ+1+234'	Interchange Trailer