

**EDI-Recommendations
of GS1 Germany
Version 9.3
Drink**

Invoice / Credit Note
(INVOIC)

EANCOM 2002 Syntax 3

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Einführung

Introduction

The aim of the brochure on hand is to offer documentation describing the exchange of invoicing data between business partners.

The basis of this elaboration is the international standard EANCOM® 2002. The message type INVOIC 011 is used to transmit relevant data. GEFEG.FX (Gefeg mbH, Berlin) was used as the documentation tool.

Please be aware to know that this booklet does not replace the complete specifications in the original chapters or other relevant instructions within the EANCOM® 2002 documentation. Instead, it deals with the description of segments, data elements and codes to be used for a specific task.

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GS1 Germany thanks all experts who contributed significantly to these guidelines with knowledge from their daily business.

Important note

To fulfill the requirements of directive 2003/58/EG, article 4, C058 has been opened in NAD segments identifying a message sender. If the place in the 5 DE 3124 is not sufficient, the following RFF segments can be used, qualified with DE 1153 = GN. DE 1154 has got a capacity of 70 digits. Only in those cases, when no RFF segment follows NAD, a RFF+GN can be used in the heading section of the message. Within the EDI recommendations of GS1 Germany this is only applicable for the messages REMADV and SLSFCT.

This brochure offers different ways to start

Introduction

"Introduction" contains a short description of the respective message.

BusinessTerms

"Business Terms", is a table which links directly to the sequence numbers of the segments.

Diagram

"Diagram", is a hierarchical graphic depiction of all used segments in the same sequence as they are defined in the EANCOM® message. However, every segment is shown only once, and it is therefore possible that the sequence numbering is interrupted.

Structure

"Structure", is a list of all used segments in the same sequence as they are defined in the EANCOM® message. In general, for each piece of information one single segment is provided. Exeptions may arise when the the occurrence of a segment is limited and can contain alternative information (e.g., segment BGM).

Segmentlayout

"Segmentlayout", an illustration that has been chosen to match the business terms (data from the inhouse application) with the elements from the EANCOM® syntax.

Einführung

Codes

"Codes" contains a list of the codes used in the message.

Examples

"Examples", provides at least one message example with comments. Please note that, for technical reasons, the examples can contain component data element separators, which would otherwise be represented as data element separators in the original messages.

Print

"Print" opens the PDF documentation for the corresponding message.

Message structure

Heading section

Specification of issuer of invoice, invoicee, invoice date and invoice number.

Detail section

Specification of GTIN to identify goods and/or services, their quantity, price and value.

Summary section

The summary section contains total amounts of the document incl. tax specification.

Notes to EDI recommendations based on EANCOM® message type INVOIC

Note to the detail section of the documentation

The detail section is presented in four paragraphs:

1. Line level

This detail section is mandatory in the message, and describes an invoiced unit, if no assortments with different tax rates are invoiced (see 4. Detail section).

Sublines:

2. Detail section - consumer unit

This detail section can be used in the message (mandatory on users request), (e.g., description of umbrellas in the case).

3. Detail section - not invoiced units included in assortment

This detail section is only used in the message if the invoiced units of the first detail section are displays or assortments and the content shall be listed, (e.g., different types of umbrellas in the case).

4. Detail section - invoiced units included in assortment

This detail section is only used in the message if the delivered units of the first detail section are non-invoiced displays or assortments and the contents shall be invoiced, (e.g., products in the case are of different tax rates).

Possible combinations:

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Invoicing of one article

o Only 1. Line level, if invoiced unit = consumer unit

Invoicing of one article (package) and indication of contained consumer units

o 1. Line level plus 2. subline

Invoicing of a mixed assortment (package) and indication of contained consumer units

o 1. Line level plus 3. subline (List of items)

Invoicing of the contained items of a mixed assortment (package)

o 1. Line level = delivered quantity, plus 4. subline for invoicing, if articles with different tax rates are contained.

Agreements Detail Section

Free Goods Quantity

[1] Nonsaleable goods (sample)
 QTY+192 (free goods quantity)
 PRI+AAB = 0
 MOA+203 = 0

[2] Saleable goods
 QTY+192 (free goods quantity)
 PRI+AAB (article price)
 MOA+203 = 0

Agreements Summary Section

Indication of segment status in "Segment notes"

For all conditional MOA segments within our recommended INVOIC structured messages (UNH DE 0065 = INVOIC), DE 5004 may NOT have a value of zero (0) and must be omitted, unless it is qualified (e.g., taxable value = 0 for non-taxable sums such as donations).

For all mandatory MOA segments within our recommended INVOIC structured messages (UNH DE 0065 = INVOIC), DE 5004 must have a value, even if it is zero (0).

The taxable amount (MOA+125) and the amount of the tax (MOA+124) must be indicated, even if they have a value of zero (0).

Segment group 52 is only used, if the invoice contains more than one tax rate. Every tax rate of the lines must be indicated in one SG52. If an invoice/credit note contains tax-free sums in addition to taxable sums, the summary section of the invoice (and the invoice register message BGM+393, if the use of this message is bilaterally agreed) must contain the corresponding TAX segment in SG52.

Agreements with the German cigarette industry

Allowances/charges in the ALC segment, data element 1230 at message header level:

VDC10 = Waste disposal share
 VDC100 = Invoice discount

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Allowances/charges in the ALC segment, data element 1230 at message header and detail level:

VDC101	= Conveyance discount
VDC102	= Function/distribution discount
VDC103	= Direct discount
VDC104	= Quantity discount (loose tobacco in pouches)
VDC300	= Minimum order charge

Allowances/charges in the ALC segment, data element 1230 at message detail level:

VDC200	= Line item discount
VDC201	= Introduction discount
VDC202	= Scaled discount
VDC203	= Direct debit discount

REFERENCES IN THE OWN REQUIREMENTS SECTOR

Definition cost accounting

Cost accounting maps business processes that are not material and merchandise management related, such as travel expenses, repairs, energy consumption, disposal, internal consumption, etc.

REFERENCES IN THE BEVERAGE SECTOR

Notes to the detail section of the beverage documentation

The detail section is presented in three paragraphs:

1. Detail section - invoiced unit

This detail section is mandatory in the message, (e.g. a beverage crate).

2. Detail section - consumer unit

This detail section can be used in the message (mandatory on users request), (e.g., bottles, which are in the crate).

3. Detail section - not invoiced units included in assortment

This detail section is only used in the message if the invoiced units of the first detail section are displays or assortments and the content shall be listed, (e.g., different types of umbrellas in the case).

REFERENCES IN THE DIY SECTOR

Notes to the detail section of the DIY documentation

The detail section is presented in two paragraphs:

Einführung

1. Detail section - invoiced unit

This detail section is mandatory in the message, (e.g., description of a case).

2. Detail section - consumer unit

This detail section can be used in the message (mandatory on users request), (e.g., description of umbrellas in the case).

REFERENCES IN THE PRESS SECTOR

Special features for PRESS INVOIC

Components of the press accounting

The press invoice consists of the collective invoices and proofs of delivery contained in the transmission file. If agreed accordingly, a collective invoice in paper form is added, which refers to the transmission file. For information purposes, in cases where this has been agreed, invoice list totals are transmitted in the transmission file which summarize all collective invoices of an invoicing party contained in the transmission file which are sent to an invoice list recipient. For the purpose of invoice verification, the stores supplied shall receive a paper list, also for information purposes only, of all debits and credits for the previous week.

Structure of the press accounting

Proofs of delivery are generated for all deliveries, subsequent deliveries, corrections, returns and other business transactions.

In the collective invoice, all invoice items of a week (deliveries, subsequent deliveries, corrections, returns, other invoice items) are balanced on an item-specific basis (e.g. deliveries of a week + subsequent deliveries of a week - delivery reports of a week - returns of a week = total quantity x price = invoice item), irrespective of the document type and the sequence on a GTIN basis (= 13-digit main code).

The net invoice amounts and tax amounts shown in the collective invoices of a week are summarized in an invoice list total for each invoice list recipient, if agreed accordingly. The invoice list total is only transmitted for information purposes.

If a collective invoice is created, the invoice charges and tax amounts for the sales of a transmission period (week) will be summarized in this collective invoice. In the collective invoice, reference is made to the transmission file containing the collective invoices and the proofs of delivery.

Invoice details

If no collective invoice is created or if a collective invoice is created but the invoice details required by Section 14 (4) UStG are not included in the collective invoice, the invoice details required by Section 14 (4) UStG are included in the collective invoices and the proofs of delivery.

The listed parties are identified with GLN (International Location Numbers), which are part of the master data of the parties. The addresses for the numbers, which have been assigned by GS1

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Germany, can be found at www.gepir.de.

The collective invoices contain the indication of the delivery/settlement period. The delivery date for the individual deliveries and subsequent deliveries results from the proof of delivery.

The remuneration owed results from the collective invoices and the - if issued - collective invoice.

Components of the EDI recommendations for press products

The structure of the collective invoice - if created - is explained in the EDI recommendation of GS1 Germany for press products, collective invoice (summary invoice), in connection with EANCOM® 2002 S3, INVOIC.

The structure of the transmission file is explained in the EDI recommendation of GS1 Germany for press products, service segments (transmission file), in EANCOM® 2002 S3.

The structure of the collective invoices is explained in the EDI recommendation of GS1 Germany for press products, invoice/credit note (INVOIC), in EANCOM® 2002 S3.

The structure of the proof of delivery is explained in the EDI recommendation of GS1 Germany for press products, proof of delivery ((Proforma)INVOIC), in EANCOM® 2002 S3.

The structure of the invoice list totals transmitted by message - if created - is explained in the EDI recommendation of GS1 Germany for press products, invoice list total (INVOIC), in EANCOM® 2002 S3.

Definitions

In all EDI recommendations, the terms delivery address, buyer, invoice recipient, and invoice list recipient are used.

Delivery address

The delivery address is the address to which goods are delivered. This can be a branch of a chain store or a legally independent company, which is then also the buyer/service recipient.

Buyer

The buyer means the recipient of the service in the VAT sense.

Invoice recipient and invoice list recipient

The invoice recipient and invoice list recipient are identical. The invoice (list) recipient is either the buyer or a company that has been commissioned by the buyer with the receipt/regulation of the invoices. In the SG2-NAD+BY segment of the collective invoice and the proof of delivery, the identification of the buyer is indicated in the DE3039 field with the designation "Identification of the buyer/invoice recipient". If, for example, the buyer has commissioned a central payer to settle the invoices, the identification of the central payer is also specified in segment SG2-NAD+IV of the collective invoice and the proof of delivery in field DE3039 with the designation "Identification of the invoice recipient".

Special features of the press INVOIC

Triggering documents for Press-INVOIC are created daily and converted as proofs of delivery. Invoicing and output of the records takes place once a week. A collective invoice/credit note is

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created for each delivery address, which is cumulated at GTIN level.

Deliveries and returns are differentiated in the proof of delivery, only balances per GTIN are included in the collective invoice. Since the proofs of delivery are valued with prices and are created daily, rounding differences to the collective invoice may occur on item and total level. The remuneration owed is shown in the collective invoice per store and does not always correspond to the total of the proofs of delivery. The collective invoice only shows a delivery/settlement period, the concrete delivery/service date for deliveries and subsequent deliveries is only available in the proof of delivery. If the recipient waives the proof of delivery, these details are not traceable for him.

If goods are invoiced, they are exclusively consumer units, so that sub-items are not used.

In the case of press products, no direct or subsequent conditions are granted as a matter of principle, so that a note in the header of the message is dispensed with.

Behind the store invoices of a retail company there is a message "Invoice list totals record" (INVOIC, BGM = 393) with the totals values.

In addition to electronic store invoices to the trading center, a printed weekly statement is provided to the stores for control purposes.

REFERENCES IN THE MEDIA SECTOR

Supply of goods

The following references are used within the Media sectors to manage the supply of goods:

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		ORDERS		ORDRSP		DESADV		INVOIC
H e a d i n g S e c t i o n	Order number	BGM DE 1004	⇒	RFF ON	⇒	RFF ON	⇒	RFF ON
	Order number (supplier)	BGM DE 1004	⇒	RFF VN	⇒	RFF VN	⇒	RFF VN
	Customer refer- ence number	RFF CR	⇒	RFF CR	⇒	RFF CR	⇒	RFF CR
	Sellers refer- ence number	RFF SS	⇒	RFF SS	⇒	RFF SS	⇒	RFF SS
	Promotional Deal number	RFF PD	⇒	RFF PD	⇒	RFF PD	⇒	RFF PD
	Purchase order response no.			BGM DE 1004	⇒	RFF POR	⇒	RFF POR
	Despatch advice number					BGM DE 1004	⇒	RFF AAK
	Delivery note number					RFF DQ	⇒	RFF DQ
Sales depart- ment number				⇨	RFF SD	⇒	RFF SD	
D e t a i l S e c t i o n	Sales depart- ment number	RFF SD		RFF SD	⇒	RFF SD	⇒	RFF SD
	Sellers refer- ence number	RFF SS	⇒	RFF SS	⇒	RFF SS	⇒	RFF SS
	Customer refer- ence number	RFF CR	⇒	RFF CR	⇒	RFF CR	⇒	RFF CR
	Delivery note number					RFF DQ	⇒	RFF DQ
	Promotional Deal number	RFF PD	⇒	RFF PD	⇒	RFF PD	⇒	RFF PD

BGM segments are mandatory. RFF-Segments printed in bold are depending. They must be specified in the detail section as far as a default is not defined in the heading section.

In general the customer reference number (RFF+CR) is depending. If the order is generated by the supplier (agent order, VMI) this reference is replaced by the sellers reference number (RFF+SS). Only one reference number is indicated, either the customer reference number or the sellers reference number.

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Returns

The following references are used within the Media sectors to manage returns:

	RETANN	RETINS	DESADV	INVOIC
Number of announcement of returns	BGM DE 1004	⇒ RFF ALQ		
Number of instructions of returns		BGM DE 1004	⇒ RFF IRN	⇒ RFF IRN
Number of comercial dispute				RFF AGG
Source document				RFF DM
Despatch advice number			BGM DE 1004	⇒ RFF AAK
Delivery note number			RFF DQ	⇒ RFF DQ

BGM segments are mandatory and printed in bold.

Accompanying documents

Special brochure: Beschreibung der Darstellung von Spenden in der EANCOM® INVOIC

Special brochure: Beschreibung der Darstellung von Münzgeld (Zigaretten-Automatenpackungen) in der EANCOM® INVOIC

Definitions

Within the EDI recommendations the following terms are in use:

Delivery note (Lieferschein)

The delivery note is a list with type and quantity of goods delivered to a plant location. The paper document is handed over at the place of goods receipt together with the products.

Proforma invoice (Liefernachweis)

(Electronic) document to the same destination (retailers head office) as the invoice with the content of the delivery note (including or exclusive prices, but WITHOUT VAT amounts).

Consolidation of proforma invoices (Sammelrechnung)

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On line level accumulated invoice to merge delivery notes/proforma invoices.

Collective settlement (Sammelabrechnung, Zusammenfassende Rechnung)

Note: By change of the German §14 UStG (Value Added Tax Act) this printed document is no more relevant for tax purposes in Germany.

Total invoice (Summenrechnung)

At line level of the invoice references to other documents are provided which refer to products and/or services.

Invoice register (Rechnungsliste)

Paper document to sum up invoices of one invoicing period and containing control amounts. If this document is requested for organisational purposes, it must be agreed on a bilaterally basis.

Business Terms

Business Term	EANCOM-Segment		Data Element	
	Seg.-No.	Segment SG	DEG	DE
Acknowledgement request	2	UNB		0031
Address for reverse routing	2	UNB	S002	0008
Application reference	2	UNB		0026
Article group code	26	PIA SG26#1	C212	7140
Article group code (Display content)	46	PIA SG26#3	C212	7140
Article long description	27	IMD SG26#1	C273	7008
Article long description (Display content)	50	IMD SG26#3	C273	7008
Buyer's part number (Display content)	46	PIA SG26#3	C212	7140
Buyers internal article number	24	PIA SG26#1	C212	7140
Character set	2	UNB	S001	0001
Component data element separator	1	UNA		UNA1
Consumer unit	42	IMD SG26#2	C273	7009
Consumer unit (Display)	47	IMD SG26#3	C273	7009
Consumer unit, invoiced	29	IMD SG26#1	C273	7009
Country of receiver, coded	15	NAD SG2#3		3207
Creation date	5	DTM	C507	2380
Currency	21	CUX SG7#1	C504	6345
Data element separator	1	UNA		UNA2
Decimal notation	1	UNA		UNA3
Delivery date	6	DTM	C507	2380
Delivery date	7	DTM	C507	2380
Delivery note	10	RFF SG1#4	C506	1154
Delivery party identification	15	NAD SG2#3	C082	3039
Deposit per unit	38	PRI SG26#1\SG29#6	C509	5118
Despatch date	9	DTM	C507	2380
Display	30	IMD SG26#1	C273	7009
Document Number	4	BGM	C106	1004
Document qualification	4	BGM	C002	1000
EANCOM	2	UNB		0032
End of the transmission file, Number of messages or message groups	63	UNZ		0036
File creation date	2	UNB	S004	0017
File creation time	2	UNB	S004	0019
GTIN- Article identification	22	LIN SG26#1	C212	7140
GTIN- Article identifikation (Consumer unit)	40	LIN SG26#2	C212	7140
GTIN- Article identifikation (Display content)	44	LIN SG26#3	C212	7140
Identification of buyer/invoicee	13	NAD SG2#1	C082	3039
Identification of invoicee	14	NAD SG2#2	C082	3039
Indentification of the receiver of the transmission file	2	UNB	S003	0010

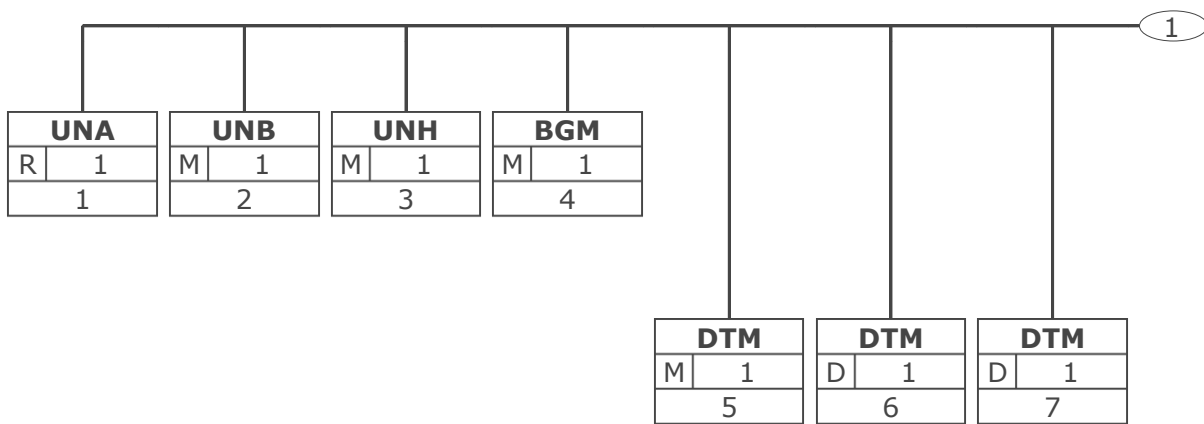
Business Terms

Business Term	EANCOM-Segment		Data Element	
	Seg.-No.	Segment SG	DEG	DE
Identification of the sender of the transmission file	2	UNB	S002	0004
Interchange control reference, beginnig	2	UNB		0020
Interchange control reference, end	63	UNZ		0020
Invoice register date	12	DTM SG1#8	C507	2380
Invoice register number	11	RFF SG1#8	C506	1154
Invoice taxable amount	56	MOA SG50#5	C516	5004
Invoice taxable amount per VAT rate	61	MOA SG52#1	C516	5004
Invoice total line items amount	55	MOA SG50#4	C516	5004
Invoice total line items amount per tax rate	59	MOA SG52#1	C516	5004
Invoice total tax amount	57	MOA SG50#7	C516	5004
Invoicing unit	28	IMD SG26#1	C273	7009
Line item amount	36	MOA SG26#1\SG27#1	C516	5004
Line item number	22	LIN SG26#1		1082
Line item number (Consumer unit)	40	LIN SG26#2		1082
Line item number (Display content)	44	LIN SG26#3		1082
Main part of detail section	22	LIN SG26#1		1229
Message function	4	BGM		1225
Message reference number	3	UNH		0062
Name 1 of the receiver	15	NAD SG2#3	C080	3036
Name 2 of the receiver	15	NAD SG2#3	C080	3036
Name 3 of the receiver	15	NAD SG2#3	C080	3036
Not subject to discount (article)	35	ALI SG26#1		4183
Number of consumer units	43	QTY SG26#2	C186	6060
One way empties (deposit)	32	IMD SG26#1	C273	7009
One way empties (deposit)	49	IMD SG26#3	C273	7009
Password interchange	2	UNB	S005	0022
Pick up place city/town	16	NAD SG2#4		3164
Pick up place identification	16	NAD SG2#4	C082	3039
Pick up place Name 1	16	NAD SG2#4	C080	3036
Pick up place Name 2	16	NAD SG2#4	C080	3036
Pick up place Name 3	16	NAD SG2#4	C080	3036
Pick up place postal code	16	NAD SG2#4		3251
Pick up place street	16	NAD SG2#4	C059	3042
Pick-up date	8	DTM	C507	2380
Place of receiver - name of a city (town, village) for adressing purposes.	15	NAD SG2#3		3164
Postcode of receiver	15	NAD SG2#3		3251
Quantity content display(s)	51	QTY SG26#3	C186	6060
Quantity delivered	34	QTY SG26#1	C186	6060

Business Terms

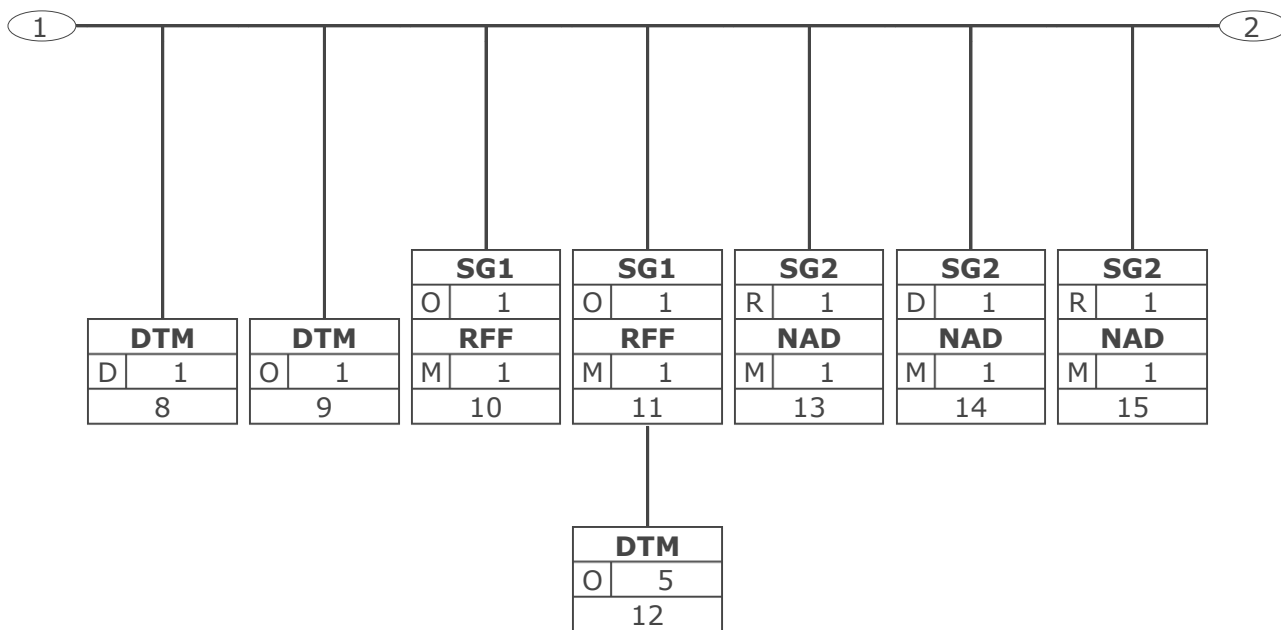
Business Term	EANCOM-Segment		Data Element	
	Seg.-No.	Segment SG	DEG	DE
Quantity invoiced	33 QTY	SG26#1	C186	6060
Rate of exchange	21 CUX	SG7#1		5402
Release character	1 UNA			UNA4
Reserved for future use	1 UNA			UNA5
Reusable empties (deposit)	31 IMD	SG26#1	C273	7009
Reusable empties (deposit)	48 IMD	SG26#3	C273	7009
Routing address	2 UNB		S003	0014
Segment terminator	1 UNA			UNA6
Serial number	25 PIA	SG26#1	C212	7140
Serial number (Display content)	46 PIA	SG26#3	C212	7140
Single price per invoiced unit net	37 PRI	SG26#1\SG29#1	C509	5118
Street and number of receiver	15 NAD	SG2#3	C059	3042
Sub line to describe assortment/display. Listing of included units, invoicing of items provided at (main) line level.	44 LIN	SG26#3		1229
Sub line to describe consumer unit	40 LIN	SG26#2		1229
Supplier/issuer of invoice identification	17 NAD	SG2#10	C082	3039
Supplier/issuer of invoice tax fiscal number	19 RFF	SG2#10\SG3#4	C506	1154
Supplier/issuer of invoice VAT registration number	18 RFF	SG2#10\SG3#3	C506	1154
Suppliers article number (Display content)	46 PIA	SG26#3	C212	7140
Suppliers internal article number	24 PIA	SG26#1	C212	7140
Syntax version	2 UNB		S001	0002
Tax amount per tax rate	60 MOA	SG52#1	C516	5004
Tax per invoice amount	58 TAX	SG52#1	C241	5153
Test indicator	2 UNB			0035
Total invoice amount	54 MOA	SG50#1	C516	5004
Total number of segments	62 UNT			0074
Type number	23 PIA	SG26#1	C212	7140
Type number	41 PIA	SG26#2	C212	7140
Type number	45 PIA	SG26#3	C212	7140
Unit price basis	37 PRI	SG26#1\SG29#1	C509	5284
Value added tax on document level	20 TAX	SG6#1	C241	5153
Value added tax on line level	39 TAX	SG26#1\SG34#1	C241	5153
VAT of display/assortment content	52 TAX	SG26#3\SG34#1	C241	5153

Branching Diagram



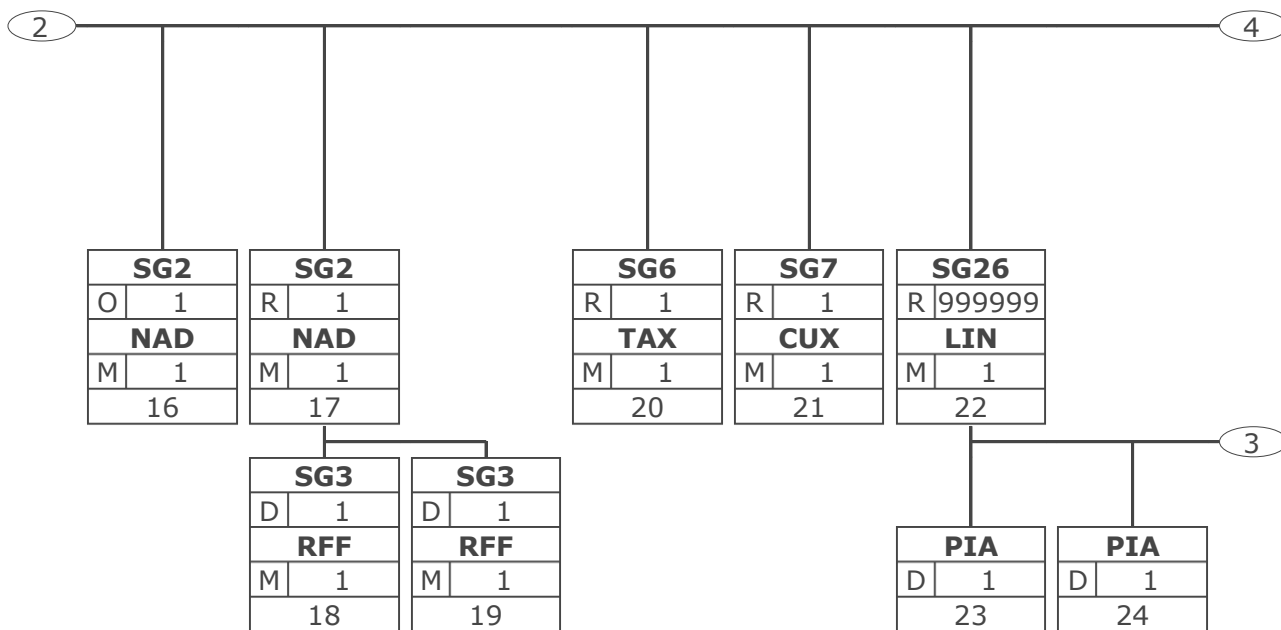
Tag	Tag = Segment/Group Tag
St MaxOcc	St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Branching Diagram



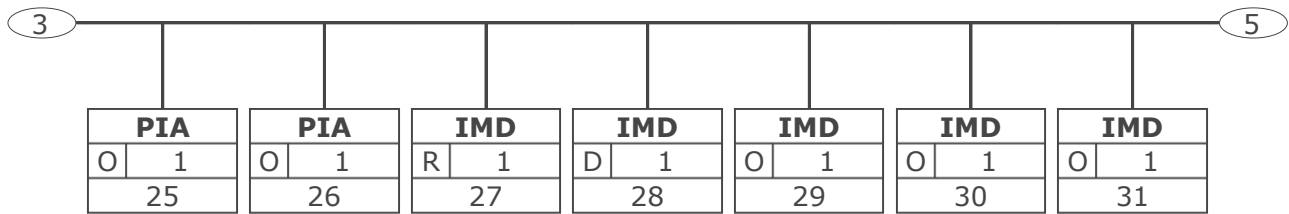
Tag	Tag = Segment/Group Tag
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No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Branching Diagram



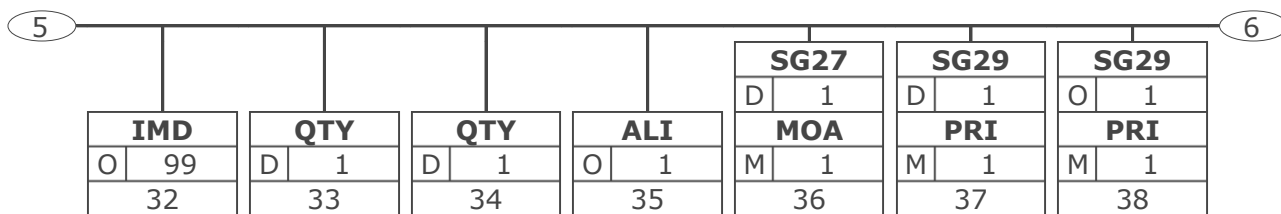
Tag	Tag = Segment/Group Tag
St MaxOcc	St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Branching Diagram



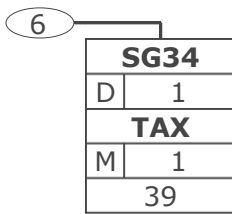
Tag	Tag = Segment/Group Tag
St MaxOcc	St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Branching Diagram



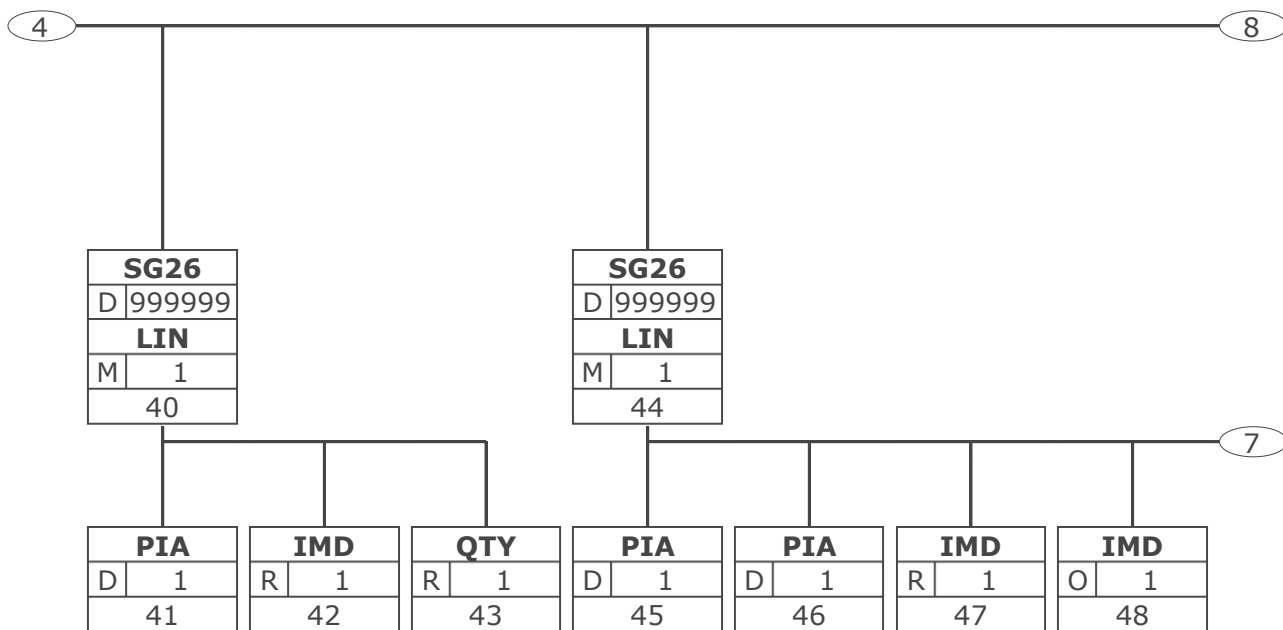
Tag	Tag = Segment/Group Tag
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No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Branching Diagram



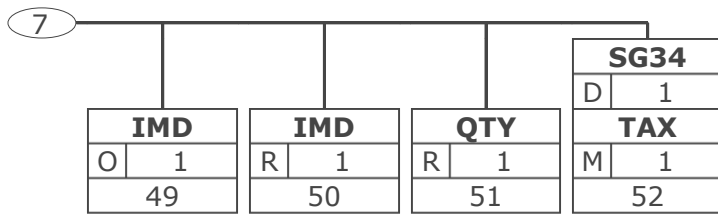
Tag	Tag = Segment/Group Tag
St	MaxOcc St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Branching Diagram



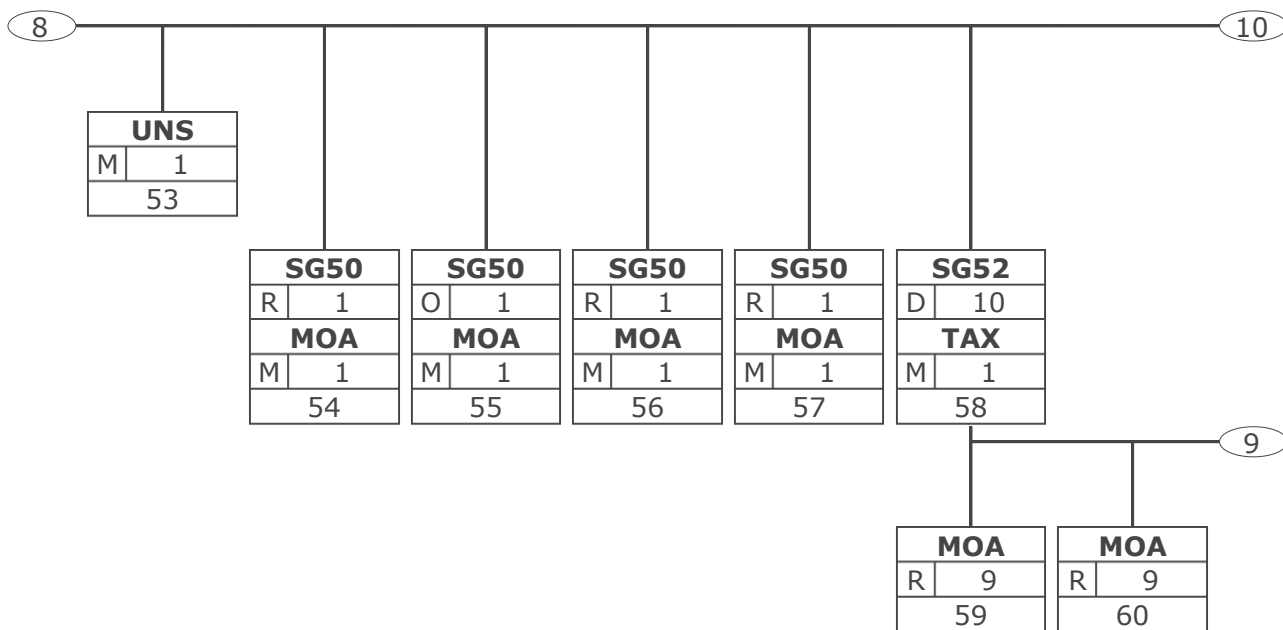
Tag	Tag = Segment/Group Tag
St MaxOcc	St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Branching Diagram



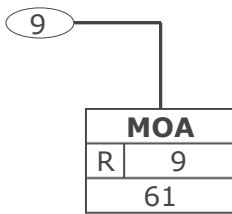
Tag	Tag = Segment/Group Tag
St	MaxOcc St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Branching Diagram



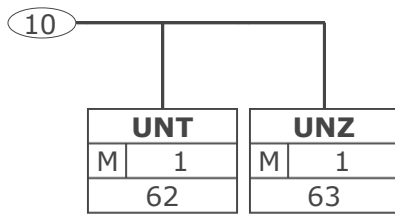
Tag	Tag = Segment/Group Tag
St MaxOcc	St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Branching Diagram



Tag	Tag = Segment/Group Tag	
St	MaxOcc	St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number	

Branching Diagram



Tag	Tag = Segment/Group Tag
St MaxOcc	St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Message Structure

Seg.	No.	Status	Max Occ	Segment
UNA	1	R	1	Used character set
UNB	2	M	1	Beginning of transmission file
Heading section				
UNH	3	M	1	Beginn of message
BGM	4	M	1	Document Number Drinks
DTM	5	M	1	Creation date
DTM	6	D	1	Delivery date
DTM	7	D	1	Delivery date (promised)
DTM	8	D	1	Pick-up date
DTM	9	O	1	Delivery date, supplier
SG1		O	1	RFF-DTM
RFF	10	M	1	Delivery note
SG1		O	1	RFF-DTM
RFF	11	M	1	Invoice register number
DTM	12	O	5	Invoice register date
SG2		R	1	NAD-FII-SG3-SG5
NAD	13	M	1	Identification of buyer/invoicee
SG2		D	1	NAD-FII-SG3-SG5
NAD	14	M	1	Identification of invoicee
SG2		R	1	NAD-FII-SG3-SG5
NAD	15	M	1	Delivery party identification
SG2		O	1	NAD-FII-SG3-SG5
NAD	16	M	1	Pick up place identification
SG2		R	1	NAD-FII-SG3-SG5
NAD	17	M	1	Supplier/issuer of invoice identification
SG3		D	1	RFF
RFF	18	M	1	Supplier/issuer of invoice VAT registration number
SG3		D	1	RFF
RFF	19	M	1	Supplier/issuer of invoice fiscal tax number
SG6		R	1	TAX-MOA
TAX	20	M	1	Value added tax on document level
SG7		R	1	CUX-DTM
CUX	21	M	1	Currency
1.Detail section - invoiced unit				
SG26		R	9999999	Detail section - invoiced unit
LIN	22	M	1	GTIN- Article identification
PIA	23	D	1	Type number empties
PIA	24	D	1	Suppliers and buyers article number
PIA	25	O	1	Serial number
PIA	26	O	1	National article group code
IMD	27	R	1	Article long description
IMD	28	D	1	Invoicing unit
IMD	29	O	1	Consumer unit
IMD	30	O	1	Display
IMD	31	O	1	Reusable Empties (deposit)
IMD	32	O	99	One way empties (deposit)
QTY	33	D	1	Quantity invoiced

Max. Occ. = Maximum occurrence of the segment/group, Status: M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent

Message Structure

Seg.	No.	Status	Max Occ	Segment
QTY	34	D	1	Quantity delivered
ALI	35	O	1	Not subject to discount (article)
SG27		D	1	MOA
MOA	36	M	1	Line item amount
SG29		D	1	PRI-APR
PRI	37	M	1	Single price per invoiced unit net
SG29		O	1	PRI-APR
PRI	38	M	1	Deposit per unit
SG34		D	1	TAX-MOA
TAX	39	M	1	Value added tax on line level
2.Detail section - consumer unit				
SG26		D	9999999	Detail section - consumer unit
LIN	40	M	1	GTIN- Article identifikation
PIA	41	D	1	Type number empties
IMD	42	R	1	Consumer unit
QTY	43	R	1	Number of consumer units
3.Detail section - not invoiced units included in assortment				
SG26		D	9999999	Detail section - units included in assortment
LIN	44	M	1	GTIN- Article identifikation
PIA	45	D	1	Type number empties
PIA	46	D	1	Additional possibilities for product identification
IMD	47	R	1	Consumer unit
IMD	48	O	1	Reusable Empties (deposit)
IMD	49	O	1	One way empties (deposit)
IMD	50	R	1	Article long description
QTY	51	R	1	Quantity content display(s)
SG34		D	1	TAX-MOA
TAX	52	M	1	VAT of display/assortment content
Summary section				
UNS	53	M	1	Begin summary section
SG50		R	1	MOA-SG51
MOA	54	M	1	Total invoice amount
SG50		O	1	MOA-SG51
MOA	55	M	1	Invoice total line items amount
SG50		R	1	MOA-SG51
MOA	56	M	1	Invoice taxable amount
SG50		R	1	MOA-SG51
MOA	57	M	1	Invoice total tax amount
SG52		D	10	TAX-MOA
TAX	58	M	1	Tax per invoice amount
MOA	59	R	9	Invoice total line items amount per tax rate
MOA	60	R	9	Tax amount per tax rate
MOA	61	R	9	Invoice taxable amount per VAT rate
UNT	62	M	1	End of the message
UNZ	63	M	1	End of the transmission file

Max. Occ. = Maximum occurrence of the segment/group, Status: M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent

Segment Layout

No. Seg	St	Max. Occ.			
1	UNA	R 1	Service string advice		
To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows.					
Business Term	DE	EDIFACT	Format	St	* Description
Component data element separator	UNA1	Component data element separator	an1	M	Default value: ":"
Data element separator	UNA2	Data element separator	an1	M	Default value: "+"
Decimal notation	UNA3	Decimal notation	an1	M	Default value: "."
Release character	UNA4	Release indicator	an1	M	Default value: "?"
Reserved for future use	UNA5	Reserved for future use	an1	M	(Default value: space)
Segment terminator	UNA6	Segment terminator	an1	M	Default value: "' "
Segmentstatus: Mandatory					
The use of the UNA segment is mandatory, if character set "A" (UNB,DE0001) is not used.					
For international EDI the use of character set UNOA is recommended. For national (German) EDI the use of UNOC is reasonable because it contains lower case letters and umlauts.					
Example: UNA:+.? ' '					
The UNA segment contains the default service string characters.					

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

No. Seg	St	Max. Occ.				
2	UNB	M 1	Interchange header To start, identify and specify an interchange.			
Business Term	DE	EDIFACT	Format	St	*	Description
	S001	Syntax identifier		M		
Character set	0001	Syntax identifier	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
Syntax version	0002	Syntax version number	n1	M	*	3 Version 3
	S002	Interchange sender		M		
Indentification of the sender of the transmission file	0004	Sender identification	an..35	M		= Global Location Number (GLN)
	0007	Partner identification code qualifier	an..4	R	*	14 GS1
Address for reverse routing	0008	Address for reverse routing	an..14	O		See note
	S003	Interchange recipient		M		
Indentification of the receiver of the transmission file	0010	Recipient identification	an..35	M		= Global Location Number (GLN)
	0007	Partner identification code qualifier	an..4	R	*	14 GS1
Routing address	0014	Routing address	an..14	O		See note
	S004	Date/time of preparation		M		
File creation date	0017	Date of preparation	n6	M		= Dateformat JJMMTT
File creation time	0019	Time of preparation	n4	M		= Timeformat HHMM
Interchange control reference, beginnig	0020	Interchange control reference	an..14	M		= Unique senders reference
	S005	Recipient's reference, password		O		
Password interchange	0022	Recipient's reference/ password	an..14	M		
	0025	Recipient's reference/ password qualifier	an2	O	*	AA Reference BB Password
Application reference	0026	Application reference	an..14	O		Message type if the transmission fole contains only one message type
	0029	Processing priority code	a1	O	*	A Highest priority
Acknowledgement request	0031	Acknowledgement request	n1	O		
EANCOM	0032	Communications agreement ID	an..35	R		= EANCOM... EDIFACT subset identification (see note)
Test indicator	0035	Test indicator	n1	O	*	1 Interchange is a

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Business Term	DE	EDIFACT	Format	St	*	Description
						test
<p>Segmentstatus: Mandatory</p> <p>This segment is used to envelope the interchange, as well as to identify both, the party to whom the interchange is sent and the party who has sent the interchange.</p> <p>For international EDI the use of character set UNOA is recommended. For national (German) EDI the use of UNOC is reasonable because it contains lower case letters and umlauts.</p> <p>Note 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 (source) system to which responding interchanges must be sent. It is recommended that the GLN be used for this purpose.</p> <p>Note DE 0014: The routing address is used to identify the receiver, if a provider adds service values for the actual receiver (e.g. consolidated companies, corporate group). The use of the identification system (e.g. GLN) has to be agreed bilaterally.</p> <p>Note DE 0020: This data element must contain a consistent sequential number per interchange between sender and receiver of the transmission.</p> <p>Note 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', the remaining characters within the data element being filled according to bilateral agreements.</p> <p>Example: UNB+UNOC:3+4012345000009:14:4012345000018+4000004000002:14:4000004000099+181013:1043+4711+REF:AA+++EANCOM+1' The EANCOM file 4711 dated 13.10.2018, 10 h 43 is sent by the issuer identified with GLN 4012345000009 to the receiver identified with GLN 4000004000002.</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
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Segment Layout

Heading section

Heading section

No. Seg	St	Max. Occ.				
3	UNH	M 1	Message header To head, identify and specify a message.			
Business Term	DE	EDIFACT	Format	St	*	Description
Message reference number	0062	Message reference number	an..14	M		Sender's unique message reference. Sequence number of messages in the interchange. DE 0062 in UNT will have the same value. Generated by the sender.
	S009	Message identifier		M		
	0065	Message type	an..6	M	*	INVOIC Invoice message
	0052	Message version number	an..3	M	*	D Draft version/ UN/EDIFACT Directory
	0054	Message release number	an..3	M	*	01B Release 2001 - B
	0051	Controlling agency	an..2	M	*	UN UN/CEFACT
	0057	Association assigned code	an..6	R	*	EAN011 GS1 version control number (GS1 Permanent Code)
Segmentstatus: Mandatory						
This segment is used to head, identify and specify a message.						
Example: UNH+ME000001+INVOIC:D:01B:UN:EAN011'						
The reference number of the invoice message is ME000001.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes

Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.				
4	BGM	M 1	Beginning of message To indicate the type and function of a message and to transmit the identifying number.			
Business Term	DE	EDIFACT	Format	St	*	Description
	C002	Document/message name		R		
	1001	Document name code	an..3	R	*	see document "Wichtige Hinweise zur Rechnung" under "Ergänzende Dokumente" 380 Commercial invoice 381 Credit note - goods and services
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	N		
Document qualification	1000	Document name	an..35	O	*	This data element can have one of the following contents by bilaterally agreement: INVOICD Invoice for RINK-LK delivery of goods and pick up of empties (if applicable) INVOICD Invoice for pick up RINK-LKL of empties (only)
	C106	Document/message identification		R		
Document Number	1004	Document identifier	an..35	R		Document number assigned by sender
Message function	1225	Message function code	an..3	R	*	9 Original

Segmentstatus: Mandatory

This segment is used to indicate the type and function of a message and to transmit the identifying number.

The contents of DE 1000, DE 1001 and DE 1225 must be mutually agreed between the data exchanging parties.

Notes to DE 1001:

380 = Commercial invoice

Document/message claiming payment for goods or services supplied under conditions agreed between seller and buyer. The message is sent by supplier/issuer of invoice to the buyer/invoicee.

381 = Credit note - goods and services

Document/message for providing credit information to the relevant party. The message is sent by supplier/issuer of invoice to the buyer/invoicee.

Example: BGM+380:::INVOICDRINK-LK+87441+9'

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes

Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

The document number is 87441.

Segment Layout

Heading section

No. Seg	St	Max. Occ.				
5	DTM	M 1	Date/time/period To specify date, and/or time, or period.			
Business Term	DE	EDIFACT	Format	St	*	Description
	C507	Date/time/period		M		
	2005	Date or time or period function code qualifier	an..3	M	*	137 Document/ message date/ time
Creation date	2380	Date or time or period value	an..35	R		
	2379	Date or time or period format code	an..3	R		102 CCYYMMDD
Segmentstatus: Mandatory						
Identification of the 'Document/message date/time' (code value 137) is mandatory in the message.						
Example: DTM+137:20181001:102' The message was created on 01.10.2018.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.				
6	DTM	D 1	Date/time/period To specify date, and/or time, or period.			
Business Term	DE	EDIFACT	Format	St	*	Description
	C507	Date/time/period		M		
	2005	Date or time or period function code qualifier	an..3	M	*	35 Delivery date/ time, actual
Delivery date	2380	Date or time or period value	an..35	R		
	2379	Date or time or period format code	an..3	R		102 CCYYMMDD 203 CCYYMMDDHHMM 718 CCYYMMDD- CCYYMMDD Format of period to be given in actual message without hyphen.
<p>Segmentstatus: Depending, either delivery or pick up date and/or invoicing period must be indicated.</p> <p>In case of credit or debit notes related to financial adjustments the document date is indicated here.</p> <p>DE 2005 = 35, Date/time on which goods or consignment are delivered at their destination.</p> <p>In means of taxes the actual delivery date corresponds to the activity date.</p> <p>Example: DTM+35:20180315:102' Date of delivery is 15.03.2018.</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.				
7	DTM	D 1	Date/time/period To specify date, and/or time, or period.			
Business Term	DE	EDIFACT	Format	St	*	Description
	C507	Date/time/period		M		
	2005	Date or time or period function code qualifier	an..3	M	*	69 Delivery date/ time, promised for
Delivery date	2380	Date or time or period value	an..35	R		
	2379	Date or time or period format code	an..3	R		102 CCYYMMDD 203 CCYYMMDDHHMM 718 CCYYMMDD- CCYYMMDD Format of period to be given in actual message without hyphen.
<p>Segmentstatus: Depending, either delivery or pick up date and/or invoicing period must be indicated.</p> <p>In case of credit or debit notes related to financial adjustments the document date is indicated here.</p> <p>DE 2005 = 69, Date/time on which goods or consignment are promised to deliver at their destination.</p> <p>Example: DTM+69:20180315:102' Date of delivery is promised by 15.03.2018</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.				
8	DTM	D 1	Date/time/period To specify date, and/or time, or period.			
Business Term	DE	EDIFACT	Format	St	*	Description
	C507	Date/time/period		M		
	2005	Date or time or period function code qualifier	an..3	M	*	200 Pick-up/collection date/time of cargo
Pick-up date	2380	Date or time or period value	an..35	R		
	2379	Date or time or period format code	an..3	R		102 CCYYMMDD 203 CCYYMMDDHHMM
<p>Segmentstatus: Depending, either delivery or pick up date and/or invoicing period must be indicated.</p> <p>DTM segment is used specify date, and/or time, or period.</p> <p>This segment is used to specify, where required, requested dates concerning the delivery/pick up of the goods.</p> <p>In means of taxes the actual pick up date corresponds to the activity date.</p> <p>Example: DTM+200:20181026:102' This example requires the pick up of consignment on 26.10.2018.</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.				
9	DTM	O 1	Date/time/period To specify date, and/or time, or period.			
Business Term	DE	EDIFACT	Format	St	*	Description
	C507	Date/time/period		M		
	2005	Date or time or period function code qualifier	an..3	M	*	11 Despatch date and/or time
Despatch date	2380	Date or time or period value	an..35	R		
	2379	Date or time or period format code	an..3	R		102 CCYYMMDD 203 CCYYMMDDHHMM 718 CCYYMMDD- CCYYMMDD Format of period to be given in actual message without hyphen.
Segmentstatus: Optional						
IThe despatch date is the delivery date from suppliers point of view.						
Example: DTM+11:20100315:102'						
The despatch date is 15.03.2018.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No.	Seg	St	Max. Occ.			
10	SG1	O	1	RFF-DTM		
	RFF	M	1	Reference		
To specify a reference.						
Business Term	DE	EDIFACT	Format	St	*	Description
	C506	Reference		M		
	1153	Reference code qualifier	an..3	M	*	DQ Delivery note number
Delivery note	1154	Reference identifier	an..70	R		
<p>Segmentstatus: Mandatory, if delivery notes are existing for this document.</p> <p>This segment is used to reference the delivery note number.</p> <p>The delivery note number relating to the current invoice has to be placed here.</p> <p>Within consolidated invoices the first delivery note number has to be specified at this place. Another RFF segment, qualified "DQ" will follow to specify the last delivery note number. The sequence needs not to be without gaps inevitable. Alternatively it is possible to agree a reference per single delivery note between the partners, if the 99999 repetitions of segmentgroup 1 are sufficient. It is also possible to indicate the number(s) of the delivery note within the proforma invoice (BGM+325) or at line level of the consolidated invoice.</p> <p>Example: RFF+DQ:4714'</p> <p>The message references to delivery note number 4714.</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No.	Seg	St	Max.	Occ.			
11	SG1	O	1		RFF-DTM		
	RFF	M	1		Reference		
To specify a reference.							
Business Term		DE	EDIFACT	Format	St	*	Description
		C506	Reference		M		
		1153	Reference code qualifier	an..3	M	*	ABO Originator's reference
Invoice register number		1154	Reference identifier	an..70	R		
<p>Segmentstatus: Mandatory, if the use of an invoice register has been agreed</p> <p>This segment is used to specify the invoice register.</p> <p>This RFF segment specifies the invoice register containing the current invoice.</p> <p>Example: RFF+ABO:4713' The invoice is part of invoice register 4713.</p>							

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.				
12	SG1	O 1	RFF-DTM			
	DTM	O 5	Date/time/period			
To specify date, and/or time, or period.						
Business Term	DE	EDIFACT	Format	St	*	Description
	C507	Date/time/period		M		
	2005	Date or time or period function code qualifier	an..3	M	*	171 Reference date/ time
Invoice register date	2380	Date or time or period value	an..35	R		
	2379	Date or time or period format code	an..3	R		102 CCYYMMDD
Segmentstatus: Mandatory, if the use of an invoice register has been agreed						
This segment is used to specify any dates related to the references given in the previous RFF segment.						
Example: DTM+171:20180301:102' Invoice register is dated 01.03.2018.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.				
13	SG2	R 1	NAD-FII-SG3-SG5			
	NAD	M 1	Name and address To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.			
Business Term	DE	EDIFACT	Format	St	*	Description
	3035	Party function code qualifier	an..3	M	*	BY Buyer
	C082	Party identification details		R		
Identification of buyer/ invoicee	3039	Party identifier	an..35	M		Global Location Number (GLN)- Format n13
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	9 GS1
<p>Segmentstatus: Mandatory</p> <p>The buyer/invoicee is identified by GLN.</p> <p>Example: NAD+BY+4071615111110::9' The buyer/invoicee is identified by GLN 4071615111110.</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.				
14	SG2	D 1	NAD-FII-SG3-SG5			
	NAD	M 1	Name and address			
To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.						
Business Term	DE	EDIFACT	Format	St	*	Description
	3035	Party function code qualifier	an..3	M	*	IV Invoicee
	C082	Party identification details		R		
Identification of invoicee	3039	Party identifier	an..35	M		Global Location Number (GLN)- Format n13
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	9 GS1
Segmentstatus: Depending						
The invoicee must be identified by GLN if not identical with buyer.						
Example: NAD+IV+4071615192710::9'						
Invoicee is identified by GLN 4071615192710.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.				
15	SG2	R 1	NAD-FII-SG3-SG5			
	NAD	M 1	Name and address			
To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.						
Business Term	DE	EDIFACT	Format	St	*	Description
	3035	Party function code qualifier	an..3	M	*	DP Delivery party
	C082	Party identification details		D		
Delivery party identification	3039	Party identifier	an..35	M		Global Location Number (GLN) - Format n13
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	9 GS1
	C058	Name and address		N		
	3124	Name and address description	an..35			
	C080	Party name		D		
Name 1 of the receiver	3036	Party name	an..35	M		
Name 2 of the receiver	3036	Party name	an..35	D		
Name 3 of the receiver	3036	Party name	an..35	D		
	C059	Street		D		
Street and number of receiver	3042	Street and number or post office box identifier	an..35	M		
Place of receiver - name of a city (town, village) for addressing purposes.	3164	City name	an..35	D		
	C819	Country sub-entity details		D		
	3229	Country sub-entity name code	an..9	O		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies
Postcode of receiver	3251	Postal identification code	an..17	D		
Country of receiver, coded	3207	Country name code	an..3	D		
Segmentstatus: Mandatory						
This NAD segment always identifies the first delivery place.						
If direct delivery is practised with proforma invoices this NAD segment contains the GLN of settlement place/buyer within the consolidated invoice. See also ALI segment (direct delivery).						
DE 3039: The delivery party is identified by GLN. Party name and address in clear text may only be used, if a GLN is not (yet) available. The use of GLN and name and address at the same time is						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes

Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

only allowed when bilaterally agreed.

If the delivery party is not known (e.g. pick up by third party), the GLN of the buyer is indicated in DE 3039.

Expl1 NAD+DP+4089876511111::9'

Expl2 NAD+DP+++Tante:Emma:Laden+Maarweg 104+Köln++50825+DE'

Example: NAD+DP+4089876511111::9++Warenempfänger-Name 1:Warenempfänger-Name 2:Warenempfänger-Name 3+Maarweg 104+Köln++50825+DE'

The delivery party is identified by GLN 4089876511111.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes

Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.				
16	SG2	O 1	NAD-FII-SG3-SG5			
	NAD	M 1	Name and address			
To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.						
Business Term	DE	EDIFACT	Format	St	*	Description
	3035	Party function code qualifier	an..3	M	*	PW Despatch party
	C082	Party identification details		D		
Pick up place identification	3039	Party identifier	an..35	M		Global Location Number (GLN) - Format n13
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	9 GS1
	C058	Name and address		N		
	3124	Name and address description	an..35			
	C080	Party name		D		
Pick up place Name 1	3036	Party name	an..35	M		
Pick up place Name 2	3036	Party name	an..35	D		
Pick up place Name 3	3036	Party name	an..35	D		
	C059	Street		D		
Pick up place street	3042	Street and number or post office box identifier	an..35	M		
Pick up place city/town	3164	City name	an..35	D		
	C819	Country sub-entity details		D		
	3229	Country sub-entity name code	an..9	O		
Pick up place postal code	3251	Postal identification code	an..17	D		
	3207	Country name code	an..3	D		ISO 3166 two alpha code
Segmentstatus: Optional						
The existence of this segment indicates the pick up of goods by a third party.						
The collection place is identified by Global Location Number (GLN). Party name and adress in clear text may only be used, if a global Location Number (GLN) is not (yet) available.						
Example: NAD+PW+408987651111::9++Abholstelle-Name 1:Abholstelle-Name 2:Abholstelle-Name 3+ Maarweg 104+Köln++50825+DE' The collection place is identified by GLN 408987651111.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.				
17	SG2	R 1	NAD-FII-SG3-SG5			
	NAD	M 1	Name and address			
To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.						
Business Term	DE	EDIFACT	Format	St	*	Description
	3035	Party function code qualifier	an..3	M	*	SU Supplier
	C082	Party identification details		A		
Supplier/issuer of invoice identification	3039	Party identifier	an..35	M		Global Location Number (GLN) - Format n13
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	9 GS1
	C058	Name and address		O		This composite may only be used to fulfill the requirements of directive 2003/58/EG, article 4. If applicable the message sender gets the possibility to give the relevant statements at this place. If C058 ist not sufficient, more declaration can be given in following RFF+GN... segments.
	3124	Name and address description	an..35	M		
	3124	Name and address description	an..35	O		
	3124	Name and address description	an..35	O		
	3124	Name and address description	an..35	O		
	3124	Name and address description	an..35	O		
Segmentstatus: Mandatory						
The supplier/issuer of invoice is identified by GLN.						
Example: NAD+SU+4389876511113::9+ABC123:X:X:X:X'						
The supplier/issuer of invoice is identified by GLN 4389876511113.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No.	Seg	St	Max.	Occ.				
18	SG2	R	1		NAD-FII-SG3-SG5			
	SG3	D	1		RFF			
	RFF	M	1		Reference			
To specify a reference.								
Business Term		DE	EDIFACT		Format	St	*	Description
		C506	Reference			M		
		1153	Reference code qualifier		an..3	M	*	VA VAT registration number
Supplier/issuer of invoice VAT registration number		1154	Reference identifier		an..70	R		
<p>Segmentstatus: Depending, either VAT registration number or fiscal tax number are mandatory in Germany.</p> <p>The RFF segment following the NAD segment must specify the invoice VAT registration number.</p> <p>Example: RFF+VA:DE345678912'</p> <p>The VAT registration number is DE345678912.</p>								

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.				
SG2	R	1	NAD-FII-SG3-SG5			
SG3	D	1	RFF			
19 RFF	M	1	Reference			
To specify a reference.						
Business Term	DE	EDIFACT	Format	St	*	Description
	C506	Reference		M		
	1153	Reference code qualifier	an..3	M	*	FC Fiscal number
Supplier/issuer of invoice tax fiscal number	1154	Reference identifier	an..70	R		
<p>Segmentstatus: Depending, either VAT registration number or fiscal tax number are mandatory in Germany.</p> <p>The RFF segment following the NAD segment must specify the tax number.</p> <p>Example: RFF+FC:07/408/1234/5'</p> <p>The fiscal tax number is 07/408/1234/5.</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.				
20	SG6	R 1	TAX-MOA			
	TAX	M 1	Duty/tax/fee details			
To specify relevant duty/tax/fee information.						
Business Term	DE	EDIFACT	Format	St	*	Description
	5283	Duty or tax or fee function code qualifier	an..3	M	*	7 Tax
	C241	Duty/tax/fee type		D		
Value added tax on document level	5153	Duty or tax or fee type name code	an..3	O	*	VAT Value added tax
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5152	Duty or tax or fee type name	an..35	O		
	C533	Duty/tax/fee account detail		O		
	5289	Duty or tax or fee account code	an..6	M		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5286	Duty or tax or fee assessment basis value	an..15	O		
	C243	Duty/tax/fee detail		A		
	5279	Duty or tax or fee rate code	an..7	O		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5278	Duty or tax or fee rate	an..17	R		Actual tax rate Indication of the VAT rate that is used to calculate the VAT amount (if applicable = Zero, e.g. Reverse Charge)
	5273	Duty or tax or fee rate basis code	an..12	O		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5305	Duty or tax or fee category code	an..3	R		AE VAT Reverse Charge In case of reverse charge the VAT-registration-no./tax-no. has to be indicated following NAD+BY.

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Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

Business Term	DE	EDIFACT	Format	St	*	Description
						E Exempt from tax S Standard rate O Services outside scope of tax
<p>Segmentstatus: Mandatory</p> <p>The main tax rate is indicated here in the heading section of the message. Should the occasion arise different tax rates are indicated on detail level.</p> <p>Note to DE 5278 and 5305: if the business volume is free of tax, DE 5278 must contain 0 (zero).</p> <p>Example: TAX+7+VAT+ABC123++:::19+S ' The dominant tax rate of the document is 19%.</p>						

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 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.				
21	SG7	R 1	CUX-DTM			
	CUX	M 1	Currencies			
To specify currencies used in the transaction and relevant details for the rate of exchange.						
Business Term	DE	EDIFACT	Format	St	*	Description
	C504	Currency details		R		
	6347	Currency usage code qualifier	an..3	M	*	2 Reference currency
Currency	6345	Currency identification code	an..3	R		ISO 4217 three alpha
	6343	Currency type code qualifier	an..3	R	*	4 Invoicing currency
	C504	Currency details		D		
	6347	Currency usage code qualifier	an..3	M	*	3 Target currency
	6345	Currency identification code	an..3	R		ISO 4217 three alpha
	6343	Currency type code qualifier	an..3	R	*	11 Payment currency
	6348	Currency rate value	n..4	O		
Rate of exchange	5402	Currency exchange rate	n..12	D		
Segmentstatus: Mandatory						
Indication of currency is mandatory.						
When specifying Reference and Target Currencies for international trade, one occurrence of CUX is all that is required. The reference currency is identified in the first occurrence of composite C504, with the target currency specified in the second occurrence of C504. The rate of exchange between the two is detailed in DE 5402.						
Example: CUX+2:EUR:4+3:USD:11+0.90243'						
The document has been invoiced in EURO.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No.	Seg	St	Max.	Occ.	
	SG26	R	9999999		LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
22	LIN	M	1		Line item To identify a line item and configuration.
Business Term	DE	EDIFACT	Format	St	* Description
Line item number	1082	Line item identifier	an..6	R	Application generated number of the item lines within the invoice
Main part of detail section	1229	Action request/ notification description code	an..3	N	
	C212	Item number identification		D	
GTIN- Article identification	7140	Item identifier	an..35	R	GTIN, Format n..14
	7143	Item type identification code	an..3	R	* SRV GS1 Global Trade Item Number
<p>Segmentstatus: Mandatory</p> <p>Segmentgroupstatus: Mandatory. The message must contain one line at least. The number of the first line is one (DE 1082) and will be increased by one at any following LIN segment.</p> <p>Concerning the possibilities of use see "Notes to the detail section" in chapter "Introduction".</p> <p>This segment is used to indicate the beginning of the detail section of the Invoice message. It contains the GTIN of the invoiced unit.</p> <p>Note for credit notes related to financial adjustments</p> <p>If credit notes related to financial adjustments are transmitted without a correction of accounted quantities, segments QTY and PRI need not to be used. If necessary, a negative sign is used in the MOA segment. At the same time DE 7140 in LIN segment is filled with a dummy-GTIN, made up by the manufacturer number of the supplier. If that is not possible (supplier has got a 13-digit GLN) GTIN 4012345001020 is used. In that case a bilaterally agreement is necessary between the trading partners.</p> <p>Example: <code>LIN+1++4000862141404:SRV'</code> The invoiced article is identified by GTIN 4000862141404.</p>					

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Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No. Seg	St	Max. Occ.				
SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
23						
PIA	D	1	Additional product id To specify additional or substitutional item identification codes.			
Business Term	DE	EDIFACT	Format	St	*	Description
	4347	Product identifier code qualifier	an..3	M	*	5 Product identification
	C212	Item number identification		M		
Type number	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R	*	MN Model number
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	246 GS1 Germany
Segmentstatus: Depending						
<p>This segment is only used, if LIN segment does not provide a GTIN and the identification of empties is made by type numbers. Then it must follow the LIN segment immediately. In this case LIN segment (mandatory) only provides the line item number.</p> <p>Example: PIA+5+40233301000079:MN: :246'</p> <p>Only if LIN does not provide a GTIN: Identification of empties in PIA</p>						

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 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No. Seg	St	Max. Occ.				
SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
24	PIA	D 1	Additional product id To specify additional or substitutional item identification codes.			
Business Term	DE	EDIFACT	Format	St	*	Description
	4347	Product identifier code qualifier	an..3	M	*	1 Additional identification
	C212	Item number identification		R		
Suppliers internal article number	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R	*	SA Supplier's article number
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	91 Assigned by supplier or supplier's agent
	C212	Item number identification		O		
Buyers internal article number	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R	*	IN Buyer's item number
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	92 Assigned by buyer or buyer's agent
	C212	Item number identification		O		
	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	C212	Item number identification		O		
	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
		Item number				

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

Business Term	DE	EDIFACT	Format	St	*	Description
	C212	identification		O		
	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		

Segmentstatus: Optional

This segment is used to specify additional item identification codes such as a buyer's or supplier's item number.

Note: One PIA segment with five C212 or five Pia segments with one C212 each can be used in the same way, if the content of DE 4347 is identical.

Example: PIA+1+ABC5343:SA: :91+XYZ987:IN: :92+ABC123:GN+ABC123:NB+ABC123:HS'

Suppliers internal article number ABC5343, Buyers article number XYZ987

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No. Seg	St	Max. Occ.				
SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
25	PIA	O 1	Additional product id To specify additional or substitutional item identification codes.			
Business Term	DE	EDIFACT	Format	St	*	Description
	4347	Product identifier code qualifier	an..3	M	*	1 Additional identification
	C212	Item number identification		M		
Serial number	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R	*	SN Serial number
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	91 Assigned by supplier or supplier's agent
Segmentstatus: Optional						
This segment is used to specify additional item identification codes.						
Note: One PIA segment with five C212 or five Pia segments with one C212 each can be used in the same way, if the content of DE 4347 is identical.						
Example: PIA+1+0815:SN::91' Serial number 0815.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No. Seg	St	Max. Occ.				
SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
26	PIA	O 1	Additional product id To specify additional or substitutional item identification codes.			
Business Term	DE	EDIFACT	Format	St	*	Description
	4347	Product identifier code qualifier	an..3	M	*	1 Additional identification
	C212	Item number identification		M		
Article group code	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R	*	GN National product group code
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	246 GS1 Germany
Segmentstatus: Optional						
This segment is used to specify additional item identification codes.						
Note: One PIA segment with five C212 or five Pia segments with one C212 each can be used in the same way, if the content of DE 4347 is identical.						
Example: PIA+1+1111:GN::246' Article Group number 1111						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No. Seg	St	Max. Occ.				
SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
27	IMD	R 1	Item description To describe an item in either an industry or free format.			
Business Term	DE	EDIFACT	Format	St	*	Description
	7077	Description format code	an..3	R	*	A Free-form long description
	C272	Item characteristic		N		
	7081	Item characteristic code	an..3	R		
	C273	Item description		R		
	7009	Item description code	an..17	N		
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	N		
Article long description	7008	Item description	an..25	R		
	7008	Item description	an..25	N		
	3453	Language name code	an..3	D		ISO 639 2-Alpha Code
Segmentstatus: Mandatory						
This segment is used to provide a description for the current line item.						
Example: <code>IMD+A++:::Rudi Rüssel::DE'</code> Article long description: Rudi Rüssel						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No. Seg	St	Max. Occ.				
28	SG26	R 9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
	IMD	D 1	Item description To describe an item in either an industry or free format.			
Business Term	DE	EDIFACT	Format	St	*	Description
	7077	Description format code	an..3	R	*	C Code (from industry code list)
	C272	Item characteristic		N		
	7081	Item characteristic code	an..3	R		
	C273	Item description		R		
Invoicing unit	7009	Item description code	an..17	R	*	IN Invoicing unit (GS1 Permanent Code)
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	D	*	9 GS1 Must be used if DE 7009 contains a GS1 Code
Segmentstatus: Mandatory, if not the content of assortments is invoiced						
This segment is used to provide a description for the current line item.						
Example: IMD+C++IN: :9' The article is an invoicing unit						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No. Seg	St	Max. Occ.				
29	SG26	R 9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
	IMD	O 1	Item description To describe an item in either an industry or free format.			
Business Term	DE	EDIFACT	Format	St	*	Description
	7077	Description format code	an..3	R	*	C Code (from industry code list)
	C272	Item characteristic		N		
	7081	Item characteristic code	an..3	R		
	C273	Item description		R		
Consumer unit, invoiced	7009	Item description code	an..17	R	*	CU Consumer unit (GS1 Permanent Code)
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	D	*	9 GS1 Must be used if DE 7009 contains a GS1 Code
<p>Segmentstatus: Optional</p> <p>This segment is only used when the invoicing unit is also a consumer unit. In this case it is not allowed to create a consumer unit subline.</p> <p>Example: IMD+C++CU::9' The article is a consumer unit.</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No. Seg	St	Max. Occ.				
30	SG26	R 9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
	IMD	O 1	Item description To describe an item in either an industry or free format.			
Business Term	DE	EDIFACT	Format	St	*	Description
	7077	Description format code	an..3	R	*	C Code (from industry code list)
	C272	Item characteristic		N		
	7081	Item characteristic code	an..3	R		
	C273	Item description		R		
Display	7009	Item description code	an..17	R	*	SG Standard group of products (mixed assortment) (GS1 Permanent Code)
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	D	*	9 GS1 Must be used if DE 7009 contains a GS1 Code
<p>Segmentstatus: Optional</p> <p>This segment is used to provide a description for the current line item.</p> <p>This segment is only used when the invoiced article is a display/mixed assortment. Then a specific sub-line must follow (Description 3. or 4. detail section)</p> <p>Example: IMD+C++SG::9' Display, it is an assortment unit</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No. Seg	St	Max. Occ.				
31	SG26	R 9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
	IMD	O 1	Item description To describe an item in either an industry or free format.			
Business Term	DE	EDIFACT	Format	St	*	Description
	7077	Description format code	an..3	R	*	C Code (from industry code list)
	C272	Item characteristic		N		
	7081	Item characteristic code	an..3	R		
	C273	Item description		R		
Reusable empties (deposit)	7009	Item description code	an..17	R	*	RC Returnable container (GS1 Permanent Code)
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	D	*	9 GS1 Must be used if DE 7009 contains a GS1 Code
Segmentstatus: Optional						
This segment is used to provide a description for the current line item.						
This segment is used to identify the GTIN of LIN segment as being reusable empties (deposit).						
Example: IMD+C++RC::9' GTIN identifies reusable empties (deposit)						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No. Seg	St	Max. Occ.				
SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
32						
IMD	O	99	Item description			
To describe an item in either an industry or free format.						
Business Term	DE	EDIFACT	Format	St	*	Description
	7077	Description format code	an..3	R	*	C Code (from industry code list)
	C272	Item characteristic		N		
	7081	Item characteristic code	an..3	R		
	C273	Item description		R		
One way empties (deposit)	7009	Item description code	an..17	R	*	NRC Non-returnable container (GS1 Permanent Code)
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	D	*	9 GS1 Must be used because DE 7009 contains no EDIFACT Code
Segmentstatus: Optional						
This segment is used to provide a description for the current line item.						
This segment is used to identify the GTIN of LIN segment as being one way empties (deposit).						
Example: IMD+C++NRC::9' GTIN identifies one way empties (deposit)						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No. Seg	St	Max. Occ.				
SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
33						
QTY	D	1	Quantity To specify a pertinent quantity.			
Business Term	DE	EDIFACT	Format	St	*	Description
	C186	Quantity details		M		
	6063	Quantity type code qualifier	an..3	M	*	47 Invoiced quantity
Quantity invoiced	6060	Quantity	an..35	M		Note: Use only numeric values.
	6411	Measurement unit code	an..3	D		KGM kilogram LTR litre MTR metre All code values from EANCOM code list 6411 and UN/ECE Recommendation 20 code list available.
<p>Segmentstatus: Mandatory, exceptions:</p> <p>If contents of assortments are invoiced the following QTY segment is used.</p> <p>If the document represents a credit note related to financial adjustments this QTY segment will be omitted.</p> <p>This segment is used to specify quantities related to the current line item.</p> <p>DE 6411 is only used, if the article is a variable quantity article. Default value is piece.</p> <p>Example: QTY+47:11' 11 pieces are invoiced.</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No. Seg	St	Max. Occ.				
SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
34	QTY	D 1	Quantity To specify a pertinent quantity.			
Business Term	DE	EDIFACT	Format	St	*	Description
	C186	Quantity details		M		
	6063	Quantity type code qualifier	an..3	M	*	46 Delivered quantity
Quantity delivered	6060	Quantity	an..35	M		Note: Use only numeric values.
	6411	Measurement unit code	an..3	D		KGM kilogram LTR litre MTR metre PA packet EA each (e.g. one single cigarette) All code values from EANCOM code list 6411 and UN/ECE Recommendation 20 code list available.
Segmentstatus: see notes						
Indication of additional quantity for assortment units and variable quantity products.						
Notes:						
DE 6063: Codevalue 46 has to be used, when assortments/displays have been delivered and the content single articles are invoiced on sub line level.						
DE 6411: If the product being invoiced is of variable quantity (preceding QTY, DE 6063 = 47) an additional QTY segment can provide the delivered quantity of calibrated goods (DE 6063 = 46, Number of packages or trade units).						
DE 6411 is only used, if the article is a variable quantity article. Default value is piece.						
The use of more than one QTY segment per line needs to be bilaterally agreed.						
Example: QTY+46:11' 11 pieces are delivered						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No.	Seg	St	Max.	Occ.		
	SG26	R	9999999		LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47	
35	ALI	O	1		Additional information To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.	
Business Term	DE	EDIFACT	Format	St	*	Description
	3239	Country of origin name code	an..3	N		
	9213	Duty regime type code	an..3	N		
Not subject to discount (article)	4183	Special condition code	an..3	O		15 Not subject to discount
Segmentstatus: Optional						
This segment can show that the current line item is not subject to discount.						
Example: ALI+++15' The line item is not subject for discount, e.g. deposit invoicing						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No.	Seg	St	Max.	Occ.		
	SG26	R	9999999		LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47	
	SG27	D	1		MOA	
36	MOA	M	1		Monetary amount	
To specify a monetary amount.						
Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	203 Line item amount
Line item amount	5004	Monetary amount	n..35	R		
<p>Segmentstatus: Mandatory, exception: if articles of the content of an assortment/display are invoiced, this segment is left out.</p> <p>This segment provides the line item amount.</p> <p>If the price given in the PRI segment is a gross price, the Item Amount is calculated = (Quantity * Unit Gross Price) + Charges - Allowances. If applicable, allowances and charges must be provided.</p> <p>If the price given in the PRI segment is a net price, the Item Amount is calculated = Quantity * Unit Net Price.</p> <p>Important note: WITHIN ONE MESSAGE ONLY ONE METHOD IS ALLOWED TO USE</p> <p>Example: MOA+203:108.13' The line item amount is 108.13 EURO.</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No.	Seg	St	Max.	Occ.	
	SG26	R	9999999		LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG29	D	1		PRI-APR
37	PRI	M	1		Price details
To specify price information.					

Business Term	DE	EDIFACT	Format	St	*	Description
	C509	Price information		R		
	5125	Price code qualifier	an..3	M	*	AAA Calculation net
Single price per invoiced unit net	5118	Price amount	n..15	R		
	5375	Price type code	an..3	N		
	5387	Price specification code	an..3	O		
Unit price basis	5284	Unit price basis value	n..9	D		
	6411	Measurement unit code	an..3	D		EA each (e.g. one single cigarette) H87 Piece (Old code value: PCE) KGM kilogram LTR litre MTR metre PA packet All code values from EANCOM code list 6411 and UN/ECE Recommendation 20 code list available.

Segmentstatus: Depending/Mandatory, either net price or gross price must be indicated. Exception: if credit notes related to financial adjustments or articles of the content of an assortment/display are invoiced, this segment is left out.

This segment must be used to provide price information to calculate the line item amount.

Exception: If articles out of the content of displays/assortments are invoiced, price information is provided at sub line level exclusively.

Within the invoice only one calculation method is allowed to determine the line item amount.

Example: PRI+AAA:9.98:::1:H87'

The net price is 9.98 EURO.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No.	Seg	St	Max. Occ.			
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47		
	SG29	O	1	PRI-APR		
38	PRI	M	1	Price details		
To specify price information.						
Business Term	DE	EDIFACT	Format	St	*	Description
	C509	Price information		R		
	5125	Price code qualifier	an..3	M	*	AAF Information price, excluding allowances or charges and taxes
Deposit per unit	5118	Price amount	n..15	R		
<p>Segmentstatus: Optional</p> <p>This segment can be used for recalculation purposes.</p> <p>The use of this segment is not necessary if actual master data have been communicated.</p> <p>Example: PRI+AAF:0.25'</p> <p>The deposit per unit is 0,25 EURO</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

No. Seg	St	Max. Occ.				
SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
SG34	D	1	TAX-MOA			
TAX	M	1	Duty/tax/fee details			
39			To specify relevant duty/tax/fee information.			
Business Term	DE	EDIFACT	Format	St	*	Description
	5283	Duty or tax or fee function code qualifier	an..3	M	*	7 Tax
	C241	Duty/tax/fee type		D		
Value added tax on line level	5153	Duty or tax or fee type name code	an..3	O	*	VAT Value added tax
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5152	Duty or tax or fee type name	an..35	O		
	C533	Duty/tax/fee account detail		O		
	5289	Duty or tax or fee account code	an..6	M		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5286	Duty or tax or fee assessment basis value	an..15	O		
	C243	Duty/tax/fee detail		A		
	5279	Duty or tax or fee rate code	an..7	O		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5278	Duty or tax or fee rate	an..17	R		Actual tax rate Indication of the VAT rate that is used to calculate the VAT amount (if applicable = Zero, e.g. Reverse Charge)
	5273	Duty or tax or fee rate basis code	an..12	O		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5305	Duty or tax or fee category code	an..3	R		AE VAT Reverse Charge In case of reverse charge the VAT-registration-no./

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

1.Detail section - invoiced unit

Business Term	DE	EDIFACT	Format	St	*	Description
						tax-no. has to be indicated following NAD+BY. E Exempt from tax S Standard rate O Services outside scope of tax
Segmentstatus: Depending, is only used if the current line has a VAT rate other than indicated in SG6. The main tax rate has been indicated in the heading section of the message. Should the occasion arise different tax rates have to be indicated here on detail level. Note to DE 5278 and 5305: if the business volume is free of tax, DE 5278 must contain 0 (zero). Example: TAX+7+VAT+ABC123++:::19+S' The VAT rate for the current line item is 19%.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

2.Detail section - consumer unit

No. Seg	St	Max. Occ.				
40	SG26	D	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47		
	LIN	M	1	Line item To identify a line item and configuration.		
Business Term	DE	EDIFACT	Format	St	*	Description
Line item number (Consumer unit)	1082	Line item identifier	an..6	R		Application generated number of the item lines within the invoice.
Sub line to describe consumer unit	1229	Action request/ notification description code	an..3	N		
	C212	Item number identification		D		
GTIN- Article identifikation (Consumer unit)	7140	Item identifier	an..35	R		GTIN, Format n..14
	7143	Item type identification code	an..3	R	*	SRV GS1 Global Trade Item Number
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	N		
	C829	Sub-line information		R		
	5495	Sub-line indicator code	an..3	R	*	1 Sub-line information
	1082	Line item identifier	an..6	R		Reference to line item number
<p>Segmentgroupstatus: Mandatory, if the invoiced unit contains (identical) consumer units. If the main line is invoicing unit and consumer unit at the same time, this sub-line may not exist.</p> <p>Concerning the possibilities of use see "Notes to the detail section" in chapter "Introduction".</p> <p>Segmentstatus: Mandatory</p> <p>This segment is used to indicate the beginning of the 2. detail section of the invoice message. It contains the GTIN of the consumers unit.</p> <p>This segment may occur only once as a subline to the invoiced main line, if only one consumer unit GTIN is contained more than once. If the invoiced unit contains different consumer units the description of the following sub line (LIN+3) is applicable.</p> <p>C829 and DE 7083: These composites are only used when sub-lines are required. The LIN segment indicates the GTIN of the consumer unit. The one and only exception is described in the following PIA segment.</p> <p>FOR A COMPLETE DESCRIPTION ON THE USAGE OF SUB-LINES PLEASE REFER TO PART I, SECTION 4.10 OF THE EANCOM 2002 MANUAL.</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

2.Detail section - consumer unit

Example: LIN+2++4000862141417:SRV+1:1'

Sub line to describe consumer unit

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

2.Detail section - consumer unit

No. Seg	St	Max. Occ.				
SG26	D	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
41	PIA	D 1	Additional product id To specify additional or substitutional item identification codes.			
Business Term	DE	EDIFACT	Format	St	*	Description
	4347	Product identifier code qualifier	an..3	M	*	5 Product identification
	C212	Item number identification		M		
Type number	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R	*	MN Model number
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	246 GS1 Germany
Segmentstatus: Depending						
<p>This segment is only used, if LIN segment does not provide a GTIN and the identification of empties is made by type numbers. Then it must follow the LIN segment immediately. In this case LIN segment (mandatory) only provides the line item number.</p> <p>Example: PIA+5+4023330100079:MN: :246'</p> <p>Only if LIN does not provide a GTIN: Identification of empties in PIA</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

2.Detail section - consumer unit

No. Seg	St	Max. Occ.				
42	SG26	D 9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
	IMD	R 1	Item description To describe an item in either an industry or free format.			
Business Term	DE	EDIFACT	Format	St	*	Description
	7077	Description format code	an..3	R	*	C Code (from industry code list)
	C272	Item characteristic		N		
	7081	Item characteristic code	an..3	R		
	C273	Item description		R		
Consumer unit	7009	Item description code	an..17	R	*	CU Consumer unit (GS1 Permanent Code)
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	D	*	9 GS1 Must be used if DE 7009 contains a GS1 Code
Segmentstatus: Mandatory						
This segment is only used when the invoicing unit is also a consumer unit. In this case it is not allowed to create a consumer unit subline.						
Example: IMD+C++CU::9' GTIN 4000862141417 is a consumer unit						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

2.Detail section - consumer unit

No. Seg	St	Max. Occ.				
43	SG26	D 9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
	QTY	R 1	Quantity To specify a pertinent quantity.			
Business Term	DE	EDIFACT	Format	St	*	Description
	C186	Quantity details		M		
	6063	Quantity type code qualifier	an..3	M	*	59 Number of consumer units in the traded unit
Number of consumer units	6060	Quantity	an..35	M		Note: Only integers are permitted
	6411	Measurement unit code	an..3	D		LTR litre All code values from EANCOM code list 6411 and UN/ECE Recommendation 20 code list available.

Segmentstatus: Mandatory

This segment indicates the number of consumer units in the invoiced unit.

Notes:

This segment can have more than one repetition, e.g. number of packages per pack of cigarettes, number of cigarettes per pack, etc.

The use of more than one QTY segment needs to be bilaterally agreed.

Fractional digits are not allowed for piece goods (e.g. DE 6411 = piece (default), PA, EA, etc.) !

DE 6411 is only used, if the article is a variable quantity article. Default value is piece.

Example: QTY+59:5'

The invoiced unit contains 5 consumer units.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

3.Detail section - not invoiced units included in assortment

No. Seg	St	Max. Occ.				
44	SG26	D 9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
	LIN	M 1	Line item To identify a line item and configuration.			
Business Term	DE	EDIFACT	Format	St	*	Description
Line item number (Display content)	1082	Line item identifier	an..6	R		Application generated number of the item lines within the invoice.
Sub line to describe assortment/display. Listing of included units, invoicing of items provided at (main) line level.	1229	Action request/ notification description code	an..3	N		
	C212	Item number identification		D		
GTIN- Article identifikation (Display content)	7140	Item identifier	an..35	R		GTIN, Format n..14
	7143	Item type identification code	an..3	R	*	SRV GS1 Global Trade Item Number
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	N		
	C829	Sub-line information		R		
	5495	Sub-line indicator code	an..3	R	*	1 Sub-line information
	1082	Line item identifier	an..6	R		Reference to line item number
<p>Segmentgroup status: Mandatory to indicate the content of invoiced assortments/displays</p> <p>Concerning the possibilities of use see "Notes to the detail section" in chapter "Introduction".</p> <p>Segmentstatus: Mandatory, exception: consumer units have been invoiced.</p> <p>One LIN sub line has to be indicated per unit included in assortment. The display and each contained unit are identified with their own, different GTIN.</p> <p>C829 and DE 7083: These composites are only used when sub-lines are required.</p> <p>FOR A COMPLETE DESCRIPTION ON THE USAGE OF SUB-LINES PLEASE REFER TO PART I, SECTION 4.10 OF THE EANCOM 2002 MANUAL.</p> <p>Example: <code>LIN+3+++4000862141423:SRV+1:1'</code> Sub line to describe units included in assortment/display</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

3.Detail section - not invoiced units included in assortment

No. Seg	St	Max. Occ.				
SG26	D	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
45	PIA	D 1	Additional product id To specify additional or substitutional item identification codes.			
Business Term	DE	EDIFACT	Format	St	*	Description
	4347	Product identifier code qualifier	an..3	M	*	5 Product identification
	C212	Item number identification		M		
Type number	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R	*	MN Model number
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	246 GS1 Germany
<p>Segmentstatus: Depending</p> <p>This segment is only used, if LIN segment does not provide a GTIN and the identification of empties is made by type numbers. Then it must follow the LIN segment immediately. In this case LIN segment (mandatory) only provides the line item number.</p> <p>Example: PIA+5+4023330100079:MN: :246'</p> <p>Only if LIN does not provide a GTIN: Identification of empties in PIA</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

3.Detail section - not invoiced units included in assortment

No. Seg	St	Max. Occ.				
46	SG26	D 9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
	PIA	D 1	Additional product id To specify additional or substitutional item identification codes.			
Business Term	DE	EDIFACT	Format	St	*	Description
	4347	Product identifier code qualifier	an..3	M	*	1 Additional identification
	C212	Item number identification		M		
Suppliers article number (Display content)	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R	*	SA Supplier's article number
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	91 Assigned by supplier or supplier's agent
	C212	Item number identification		R		
Buyer's part number (Display content)	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R	*	IN Buyer's item number
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	92 Assigned by buyer or buyer's agent
	C212	Item number identification		O		
Article group code (Display content)	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R	*	GN National product group code
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	246 GS1 Germany
	C212	Item number identification		O		
Serial number (Display content)	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R	*	SN Serial number
	1131	Code list identification code	an..17	N		

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes

Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

3.Detail section - not invoiced units included in assortment

Business Term	DE	EDIFACT	Format	St	*	Description
	3055	Code list responsible agency code	an..3	R	*	91 Assigned by supplier or supplier's agent
	C212	Item number identification		O		
	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		

Segmentstatus: Mandatory to provide suppliers article number, all other information are optional.

This segment is used to specify additional item identification codes such as a buyer's or supplier's item number.

Note: One PIA segment with five C212 or five Pia segments with one C212 each can be used in the same way, if the content of DE 4347 is identical.

Example: PIA+1+ABC5343:SA: :91+XYZ987:IN: :92+1111:GN: :246+0815:SN: :91+ABC123:SA'

Suppliers internal article number ABC5343, Buyers article number XYZ987, Article Group number 1111, Serial number 0815, article is an assortment.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

3.Detail section - not invoiced units included in assortment

No. Seg	St	Max. Occ.				
47	SG26	D 9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
	IMD	R 1	Item description To describe an item in either an industry or free format.			
Business Term	DE	EDIFACT	Format	St	*	Description
	7077	Description format code	an..3	R	*	C Code (from industry code list)
	C272	Item characteristic		N		
	7081	Item characteristic code	an..3	R		
	C273	Item description		R		
Consumer unit (Display)	7009	Item description code	an..17	R	*	CU Consumer unit (GS1 Permanent Code)
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	D	*	9 GS1 Must be used if DE 7009 contains a GS1 Code
Segmentstatus: Mandatory						
This segment is used to provide a description for the current line item.						
Note to DE 7009: The included unit is marked as consumer unit. Intermediate units are not shown.						
Example: IMD+C++CU::9' The article is a consumer unit.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

3.Detail section - not invoiced units included in assortment

No. Seg	St	Max. Occ.				
48	SG26	D 9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
	IMD	O 1	Item description To describe an item in either an industry or free format.			
Business Term	DE	EDIFACT	Format	St	*	Description
	7077	Description format code	an..3	R	*	C Code (from industry code list)
	C272	Item characteristic		N		
	7081	Item characteristic code	an..3	R		
	C273	Item description		R		
Reusable empties (deposit)	7009	Item description code	an..17	R	*	RC Returnable container (GS1 Permanent Code)
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	D	*	9 GS1 Must be used if DE 7009 contains a GS1 Code
Segmentstatus: Optional						
This segment is used to provide a description for the current line item.						
This segment is used to identify the GTIN of LIN segment as being reusable empties (deposit).						
Example: IMD+C++RC::9' GTIN identifies reusable empties (deposit)						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

3.Detail section - not invoiced units included in assortment

No. Seg	St	Max. Occ.				
49	SG26	D 9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
	IMD	O 1	Item description To describe an item in either an industry or free format.			
Business Term	DE	EDIFACT	Format	St	*	Description
	7077	Description format code	an..3	R	*	C Code (from industry code list)
	C272	Item characteristic		N		
	7081	Item characteristic code	an..3	R		
	C273	Item description		R		
One way empties (deposit)	7009	Item description code	an..17	R	*	NRC Non-returnable container (GS1 Permanent Code)
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	D	*	9 GS1 Must be used because DE 7009 contains no EDIFACT Code
Segmentstatus: Optional						
This segment is used to provide a description for the current line item.						
This segment is used to identify the GTIN of LIN segment as being one way empties (deposit).						
Example: IMD+C++NRC::9' GTIN identifies one way empties (deposit)						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

3.Detail section - not invoiced units included in assortment

No. Seg	St	Max. Occ.				
50			SG26	D	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
			IMD	R	1	Item description To describe an item in either an industry or free format.
Business Term	DE	EDIFACT	Format	St	*	Description
	7077	Description format code	an..3	R	*	A Free-form long description
	C272	Item characteristic		N		
	7081	Item characteristic code	an..3	R		
	C273	Item description		R		
	7009	Item description code	an..17	N		
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	N		
Article long description (Display content)	7008	Item description	an..25	R		
	7008	Item description	an..25	N		
	3453	Language name code	an..3	D		ISO 639 2-Alpha Code
<p>Segmentstatus: Mandatory</p> <p>This segment is used to provide a description for the current line item.</p> <p>Example: IMD+A+:::Rüssel von Rudi::DE' The article description is: Rüssel von Rudi</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

3.Detail section - not invoiced units included in assortment

No. Seg	St	Max. Occ.				
51	SG26	D 9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
	QTY	R 1	Quantity To specify a pertinent quantity.			
Business Term	DE	EDIFACT	Format	St	*	Description
	C186	Quantity details		M		
	6063	Quantity type code qualifier	an..3	M	*	45E Number of units in higher packaging or configuration level (GS1 Temporary Code)
Quantity content display(s)	6060	Quantity	an..35	M		Note: Use only numeric values.
	6411	Measurement unit code	an..3	D		EA each (e.g. one single cigarette) H87 Piece (Old code value: PCE) KGM kilogram LTR litre MTR metre PA packet All code values from EANCOM code list 6411 and UN/ECE Recommendation 20 code list available.
Segmentstatus: Mandatory						
<p>This segment provides the total number of units contained in all delivered assortments/displays of the current line, i.e. the quantity per display/assortment is multiplied by the number of invoiced displays/assortments indicated at (main) line level.</p> <p>DE 6411 is only used, if the article is a variable quantity article. Default value is piece.</p> <p>Example: QTY+45E:12' 12 pieces have been delivered.</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

3.Detail section - not invoiced units included in assortment

No. Seg	St	Max. Occ.				
SG26	D	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47			
SG34	D	1	TAX-MOA			
52 TAX	M	1	Duty/tax/fee details			
To specify relevant duty/tax/fee information.						
Business Term	DE	EDIFACT	Format	St	*	Description
	5283	Duty or tax or fee function code qualifier	an..3	M	*	7 Tax
	C241	Duty/tax/fee type		D		
VAT of display/assortment content	5153	Duty or tax or fee type name code	an..3	O	*	VAT Value added tax
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5152	Duty or tax or fee type name	an..35	O		
	C533	Duty/tax/fee account detail		O		
	5289	Duty or tax or fee account code	an..6	M		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5286	Duty or tax or fee assessment basis value	an..15	O		
	C243	Duty/tax/fee detail		A		
	5279	Duty or tax or fee rate code	an..7	O		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5278	Duty or tax or fee rate	an..17	R		Actual tax rate Indication of the VAT rate that is used to calculate the VAT amount (if applicable = Zero, e.g. Reverse Charge)
	5273	Duty or tax or fee rate basis code	an..12	O		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5305	Duty or tax or fee category code	an..3	R		AE VAT Reverse Charge In case of reverse charge the VAT-registration-no./

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes

Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

3.Detail section - not invoiced units included in assortment

Business Term	DE	EDIFACT	Format	St	*	Description
						tax-no. has to be indicated following NAD+BY. E Exempt from tax S Standard rate O Services outside scope of tax
Segmentstatus: Depending, is only used if the current line has a VAT rate other than indicated in SG6. The main tax rate has been indicated in the heading section of the message. Should the occasion arise different tax rates are indicated here on detail level. Note to DE 5278 and 5305: if the business volume is free of tax, DE 5278 must contain 0 (zero). Example: TAX+7+VAT+ABC123++:::19+S' The VAT rate for the current line item is 19%.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Summary section
Summary section

No.	Seg	St	Max.	Occ.		
53	UNS	M	1		Section control To separate header, detail and summary sections of a message.	
Notes: 1. To be used by message designers when required to avoid ambiguities. Mandatory only if specified for the type of message concerned.						
Business Term	DE	EDIFACT	Format	St	*	Description
	0081	Section identification	a1	M	*	S Detail/summary section separation
Segmentstatus: Mandatory						
This segment is used to identify the break between the message detail and message trailer sections.						
Example: UNS+S' Separation of detail- and summary section						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Summary section (totals)

No.	Seg	St	Max.	Occ.			
54	SG50	R	1		MOA-SG51		
	MOA	M	1		Monetary amount To specify a monetary amount.		
Business Term		DE	EDIFACT	Format	St	*	Description
		C516	Monetary amount		M		
		5025	Monetary amount type code qualifier	an..3	M	*	77 Invoice amount
Total invoice amount		5004	Monetary amount	n..35	R		
<p>Segmentgroup status: This segment group must be used. It is used to provide total amounts for the whole invoice.</p> <p>Segmentstatus: Mandatory</p> <p>This segment provides the total invoice amount.</p> <p>Concerning "significant zeroes" see section "Introduction".</p> <p>Example: MOA+77:121.99' The invoice amount is 121.99 EURO.</p>							

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Summary section (totals)

No.	Seg	St	Max.	Occ.		
	SG50	O	1		MOA-SG51	
55	MOA	M	1		Monetary amount	
To specify a monetary amount.						
Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	79 Total line items amount
Invoice total line items amount	5004	Monetary amount	n..35	R		
Segmentstatus: Mandatory						
This MOA segment provides the invoice total line amount.						
Concerning "significant zeroes" see section "Introduction".						
Example: MOA+79:108.13'						
The total of all net line amounts is 108.13 EURO.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Summary section (totals)

No.	Seg	St	Max.	Occ.		
	SG50	R	1		MOA-SG51	
56	MOA	M	1		Monetary amount	
To specify a monetary amount.						
Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	125 Taxable amount
Invoice taxable amount	5004	Monetary amount	n..35	R		
Segmentstatus: Mandatory						
This MOA segment provides the invoice taxable amount.						
Concerning "significant zeroes" see section "Introduction".						
Example: MOA+125:105.16'						
The taxable amount is 105.16 EURO.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Summary section (totals)

No.	Seg	St	Max.	Occ.		
	SG50	R	1		MOA-SG51	
57	MOA	M	1		Monetary amount	
To specify a monetary amount.						
Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	124 Tax amount
Invoice total tax amount	5004	Monetary amount	n..35	R		
Segmentstatus: Mandatory						
This MOA segment provides the total of invoice taxes.						
Concerning "significant zeroes" see section "Introduction".						
Example: MOA+124:16.83'						
The invoice total VAT amount is 16.83 EURO.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Summary section (per tax rate)

No. Seg	St	Max. Occ.				
58	SG52	D 10	TAX-MOA			
	TAX	M 1	Duty/tax/fee details			
To specify relevant duty/tax/fee information.						
Business Term	DE	EDIFACT	Format	St	*	Description
	5283	Duty or tax or fee function code qualifier	an..3	M	*	7 Tax
	C241	Duty/tax/fee type		D		
Tax per invoice amount	5153	Duty or tax or fee type name code	an..3	O	*	VAT Value added tax
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5152	Duty or tax or fee type name	an..35	O		
	C533	Duty/tax/fee account detail		O		
	5289	Duty or tax or fee account code	an..6	M		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5286	Duty or tax or fee assessment basis value	an..15	O		
	C243	Duty/tax/fee detail		A		
	5279	Duty or tax or fee rate code	an..7	O		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5278	Duty or tax or fee rate	an..17	R		Actual tax rate Indication of the VAT rate that is used to calculate the VAT amount (if applicable = Zero, e.g. Reverse Charge)
	5273	Duty or tax or fee rate basis code	an..12	O		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5305	Duty or tax or fee category code	an..3	R		AE VAT Reverse Charge In case of reverse charge the VAT-registration-no./tax-no. has to be indicated following NAD+BY.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes

Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Summary section (per tax rate)

Business Term	DE	EDIFACT	Format	St	*	Description
						E Exempt from tax S Standard rate O Services outside scope of tax
<p>Segmentgroup status: Depending, i.e. this SG must only be used if the invoice contains more than one tax rate.</p> <p>If the invoice contains more than one tax rate, this segment group has to be made up for every existent tax rate, i.e. if only one tax rate is used, segment group 52 needs not to be used.</p> <p>Note to DE 5278 and 5305: if the business volume is free of tax, DE 5278 must contain 0 (zero). If VAT and Reverse Charge are used at the same time, SG 52 have to be included. In this situation it may happen, that a trigger-TAX DE5278 = 0 and DE 5305 = S is used in combination with DE 5278 = 0 and De 5305 = AE.</p> <p>Example: TAX+7+VAT+ABC123++:::19+S ' The amounts based on a tax rate of 19% are:</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Summary section (per tax rate)

No. Seg	St	Max. Occ.				
59	SG52	D 10	TAX-MOA			
	MOA	R 9	Monetary amount			
To specify a monetary amount.						
Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	79 Total line items amount
Invoice total line items amount per tax rate	5004	Monetary amount	n..35	R		
Segmentstatus: Mandatory						
This MOA segment provides the invoice total line amount.						
Concerning "significant zeroes" see section "Introduction".						
Example: MOA+79:108.13'						
The total of all net line amounts is 108.13 EURO.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Summary section (per tax rate)

No. Seg	St	Max. Occ.				
60			SG52	D	10	TAX-MOA
			MOA	R	9	Monetary amount
To specify a monetary amount.						
Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	124 Tax amount
Tax amount per tax rate	5004	Monetary amount	n..35	R		
Segmentstatus: Mandatory						
This MOA segment provides the invoice taxes.						
Concerning "significant zeroes" see section "Introduction".						
In case of reverse charge the tax amount has to be indicated by 0.						
Example: MOA+124:16.83'						
The invoice VAT amount is 16.83 EURO.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Summary section (per tax rate)

No. Seg	St	Max. Occ.				
61			SG52	D	10	TAX-MOA
			MOA	R	9	Monetary amount
To specify a monetary amount.						
Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	125 Taxable amount
Invoice taxable amount per VAT rate	5004	Monetary amount	n..35	R		
Segmentstatus: Mandatory						
This MOA segment provides the invoice taxable amount/tax rate.						
Concerning "significant zeroes" see section "Introduction".						
In the Reverse Charge case the taxable amount has to be indicated (not zero).						
Example: MOA+125:105.16'						
The taxable amount/tax rate is 105.16 EURO.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

End of the message

No. Seg	St	Max. Occ.				
62	UNT	M 1	Message trailer To end and check the completeness of a message.			
Business Term	DE	EDIFACT	Format	St	*	Description
Total number of segments	0074	Number of segments in the message	n..6	M		
	0062	Message reference number	an..14	M		The message reference numbered detailed here should equal the one specified in the UNH segment
<p>Segmentstatus: Mandatory</p> <p>This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.</p> <p>Example: UNT+341+ME000001' Number of segments in the message.</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

No. Seg	St	Max. Occ.				
63	UNZ	M 1	Interchange trailer To end and check the completeness of an interchange.			
Business Term	DE	EDIFACT	Format	St	*	Description
End of the transmission file, Number of messages or message groups	0036	Interchange control count	n..6	M		Number of messages or message groups in the transmission file.
Interchange control reference, end	0020	Interchange control reference	an..14	M		Interchange control reference, identical with UNB DE 0020.
<p>The UNZ segment is the last segment of the transmission file.</p> <p>Note DE 0036: If functional groups are not used, this is the number of messages within the interchange.</p> <p>Example: UNZ+1+4711' The transmission file contains 1 message.</p>						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
 Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Example**UNA:+.?'**

The UNA segment contains the default service string characters.

UNB+UNOC:3+4012345000009:14:4012345000018+4000004000002:14:4000004000099+181013:1043+4711+REF:AA++++EANCOM+1'

The EANCOM file 4711 dated 13.10.2018, 10 h 43 is sent by the issuer identified with GLN 4012345000009 to the receiver identified with GLN 4000004000002.

UNH+ME000001+INVOIC:D:01B:UN:EAN011'

The reference number of the invoice message is ME000001.

BGM+380:::INVOICDRINK-LK+87441+9'

The document number is 87441.

DTM+137:20181001:102'

The message was created on 01.10.2018.

DTM+35:20180315:102'

Date of delivery is 15.03.2018.

DTM+69:20180315:102'

Date of delivery is promised by 15.03.2018

DTM+200:20181026:102'

This example requires the pick up of consignment on 26.10.2018.

DTM+11:20100315:102'

The despatch date is 15.03.2018.

RFF+DQ:4714'

The message references to delivery note number 4714.

RFF+ABO:4713'

The invoice is part of invoice register 4713.

DTM+171:20180301:102'

Invoice register is dated 01.03.2018.

NAD+BY+4071615111110::9'

The buyer/invoicee is identified by GLN 4071615111110.

NAD+IV+4071615192710::9'

Invoicee is identified by GLN 4071615192710.

NAD+DP+4089876511111::9++Warenempfänger-Name 1:Warenempfänger-Name 2:Warenempfänger-Name 3+Maarweg 104+Köln++50825+DE'

The delivery party is identified by GLN 4089876511111.

NAD+PW+4089876511111::9++Abholstelle-Name 1:Abholstelle-Name 2:Abholstelle-Name 3+Maarweg 104+Köln++50825+DE'

The collection place is identified by GLN 4089876511111.

NAD+SU+4389876511113::9+ABC123:X:X:X:X'

The supplier/issuer of invoice is identified by GLN 4389876511113.

RFF+VA:DE345678912'

The VAT registration number is DE345678912.

RFF+FC:07/408/1234/5'

The fiscal tax number is 07/408/1234/5.

TAX+7+VAT+ABC123+:::19+S'

Example

The dominant tax rate of the document is 19%.

CUX+2:EUR:4+3:USD:11+0.90243'

The document has been invoiced in EURO.

LIN+1++4000862141404:SRV'

The invoiced article is identified by GTIN 4000862141404.

PIA+5+40233301000079:MN::246'

Only if LIN does not provide a GTIN: Identification of empties in PIA

PIA+1+ABC5343:SA::91+XYZ987:IN::92+ABC123:GN+ABC123:NB+ABC123:HS'

Suppliers internal article number ABC5343, Buyers article number XYZ987

PIA+1+0815:SN::91'

Serial number 0815.

PIA+1+1111:GN::246'

Article Group number 1111

IMD+A++:::Rudi Rüssel::DE'

Article long description: Rudi Rüssel

IMD+C++IN::9'

The article is an invoicing unit

IMD+C++CU::9'

The article is a consumer unit.

IMD+C++SG::9'

Display, it is an assortment unit

IMD+C++RC::9'

GTIN identifies reusable empties (deposit)

IMD+C++NRC::9'

GTIN identifies one way empties (deposit)

QTY+47:11'

11 pieces are invoiced.

QTY+46:11'

11 pieces are delivered

ALI+++15'

The line item is not subject for discount, e.g. deposit invoicing

MOA+203:108.13'

The line item amount is 108.13 EURO.

PRI+AAA:9.98:::1:H87'

The net price is 9.98 EURO.

PRI+AAF:0.25'

The deposit per unit is 0,25 EURO

TAX+7+VAT+ABC123++:::19+S'

The VAT rate for the current line item is 19%.

LIN+2++4000862141417:SRV+1:1'

Sub line to describe consumer unit

PIA+5+40233301000079:MN::246'

Only if LIN does not provide a GTIN: Identification of empties in PIA

Example**IMD+C++CU::9'**

GTIN 4000862141417 is a consumer unit

QTY+59:5'

The invoiced unit contains 5 consumer units.

LIN+3++4000862141423:SRV+1:1'

Sub line to describe units included in assortment/display

PIA+5+4023330100079:MN::246'

Only if LIN does not provide a GTIN: Identification of empties in PIA

PIA+1+ABC5343:SA::91+XYZ987:IN::92+1111:GN::246+0815:SN::91+ABC123:SA'

Suppliers internal article number ABC5343, Buyers article number XYZ987, Article Group number 1111, Serial number 0815, article is an assortment.

IMD+C++CU::9'

The article is a consumer unit.

IMD+C++RC::9'

GTIN identifies reusable empties (deposit)

IMD+C++NRC::9'

GTIN identifies one way empties (deposit)

IMD+A++::Rüssel von Rudi::DE'

The article description is: Rüssel von Rudi

QTY+45E:12'

12 pieces have been delivered.

TAX+7+VAT+ABC123++::19+S'

The VAT rate for the current line item is 19%.

UNS+S'

Separation of detail- and summary section

MOA+77:121.99'

The invoice amount is 121.99 EURO.

MOA+79:108.13'

The total of all net line amounts is 108.13 EURO.

MOA+125:105.16'

The taxable amount is 105.16 EURO.

MOA+124:16.83'

The invoice total VAT amount is 16.83 EURO.

TAX+7+VAT+ABC123++::19+S'

The amounts based on a tax rate of 19% are:

MOA+79:108.13'

The total of all net line amounts is 108.13 EURO.

MOA+124:16.83'

The invoice VAT amount is 16.83 EURO.

MOA+125:105.16'

The taxable amount/tax rate is 105.16 EURO.

UNT+341+ME000001'

Number of segments in the message.

Example

UNZ+1+4711'

The transmission file contains 1 message.
