
MediaMarktSaturn IT Solutions

Message Implementation Guideline

INVOIC; 1.1; 1

based on

INVOIC

Invoice message

EANCOM® 2002 S3

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History of Changes

Version	Date	Subject	Content / Trigger of Change	Responsible Person
1.0	2023-07-28	addition	Added SG26 FTX+SIN (= LIC Special instructions like licence)	Franklin Pecher
1.1	2025-04-03	addition	Added BGM 382 in case of Commission note	Franklin Pecher
1.2	2025-09-05	addition	Added SG50 MOA+9 Amount due/amount payable (only for Belgium)	Franklin Pecher
1.3	2025-09-06	addition	Added for Belgium: SG2 - NAD+SU and NAD+BY --> Data groups / elements C080 "Party name"/ C059"Street"/3036/3042/3207"Country name code" must be filled for 3035 "Party function code qualifier"	Franklin Pecher

Structure / Table of Contents

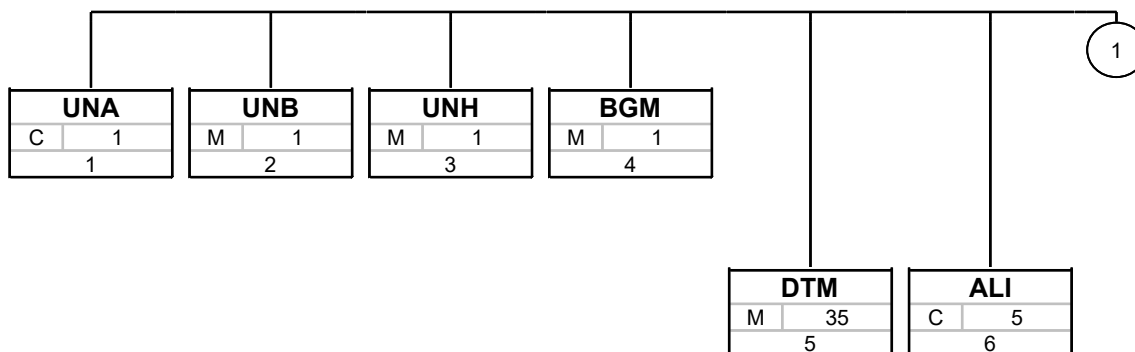
No	Tag	St	MaxOcc	Content	
1	UNA	C	1	Service string advice	UNA:+.? '
2	UNB	M	1	Interchange header	UNB+UNOC:3+1111111111111:14+1111111222221:14+100520:1200+201005200001++INVOIC+++EANCOM+1'
3	UNH	M	1	Message header	UNH+1+INVOIC:D:01B:UN:EAN010'
4	BGM	M	1	Beginning of message	BGM+380+123456AB+9'
5	DTM	M	35	Date/time/period	DTM+137:20100520:102'
6	ALI	C	5	Additional information	ALI+EU'
7	FTX	M	99	Free text	FTX+AAK+1+ST1::246 DE, GS1 German y GmbH+X'
8	FTX	C	99	Free text	FTX+PMT+1++MECHANIZM PODZIELONEJ P ŁATNOŚCI'
	SG1	C	99999	RFF-DTM	
9	RFF	M	1	Reference	RFF+ON:7645231'
10	DTM	M	5	Date/time/period	DTM+171:20100501:102'
	SG2	C	99	NAD-SG3-SG5	
11	NAD	M	1	Name and address	NAD+BY+3333333333333333::9'
	SG3	C	9999	RFF	
12	RFF	M	1	Reference	RFF+VA:DE12345678'
	SG5	C	5	CTA-COM	
13	CTA	M	1	Contact information	CTA++:NAME'
14	COM	M	5	Communication contact	COM+0123456789:TE'
	SG6	C	5	TAX	
15	TAX	M	1	Duty/tax/fee details	TAX+7+VAT+++:::19+S'
	SG7	M	99	CUX	
16	CUX	M	1	Currencies	CUX+2:EUR:4'
	SG8	C	10	PAT-DTM-PCD-FII	
17	PAT	M	1	Payment terms basis	PAT+22++5:3:D:30'
18	DTM	C	5	Date/time/period	DTM+12:20100530:102'
19	PCD	M	1	Percentage details	PCD+12:3'
20	FII	C	1	Financial institution information	FII+RB+DE44444444444444444444444444444444:Account holder name+:::AAAAAA1AAA:::Bank name+DE'
	SG16	C	9999	ALC-SG19-SG20-SG22	
21	ALC	M	1	Allowance or charge	ALC+C+++1+FC'
	SG19	C	1	PCD	
22	PCD	M	1	Percentage details	PCD+3:2.00:13'
	SG20	C	2	MOA	
23	MOA	M	1	Monetary amount	MOA+8:100'
	SG22	C	5	TAX-MOA	
24	TAX	M	1	Duty/tax/fee details	TAX+7+VAT+++:::19+S'
25	MOA	C	1	Monetary amount	MOA+124:99'
	SG26	C	99999999	LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG29-SG30-SG34-SG39	
26	LIN	M	1	Line item	LIN+1++4444444444444444:SRV'
27	PIA	C	25	Additional product id	PIA+1+81255:SA'
28	IMD	M	99	Item description	IMD+A++:::Item Description'
29	QTY	M	5	Quantity	QTY+47:2:PCE'
30	ALI	C	5	Additional information	ALI+EU'

No = Consecutive segment number; MaxOcc = Maximum occurrence of the segment/group; St = Status;
EDIFACT: M=Mandatory, C=Conditional; User specific: R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

[illegible]

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Branching Diagram of Used Segments/Groups



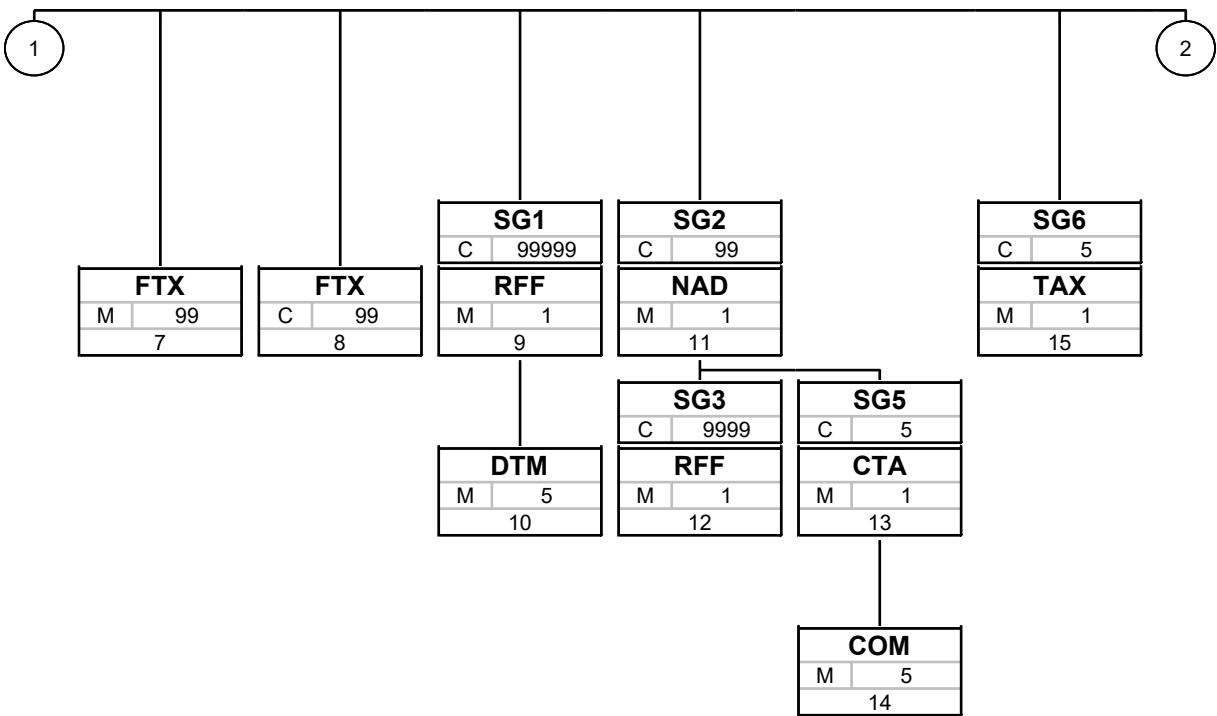
Tag
St MaxOcc
No

Tag = Segment/Group Tag

St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)

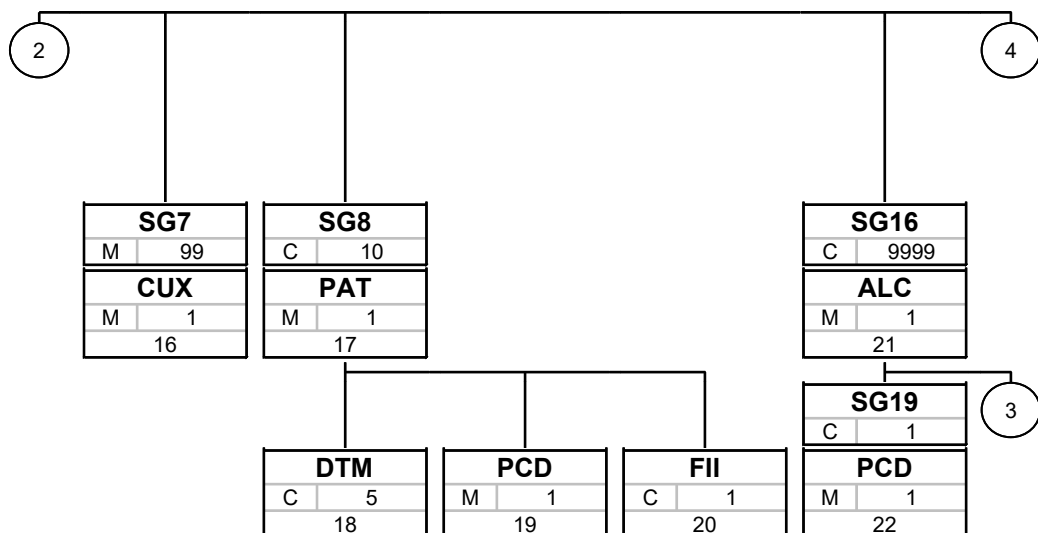
MaxOcc = Maximum occurrence of the segment/group

No = Consecutive segment number



Tag
St MaxOcc
No

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



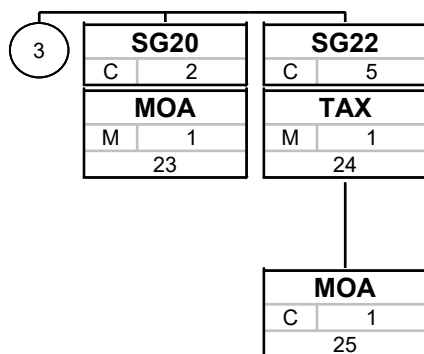
Tag
St MaxOcc
No

Tag = Segment/Group Tag

St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)

MaxOcc = Maximum occurrence of the segment/group

No = Consecutive segment number



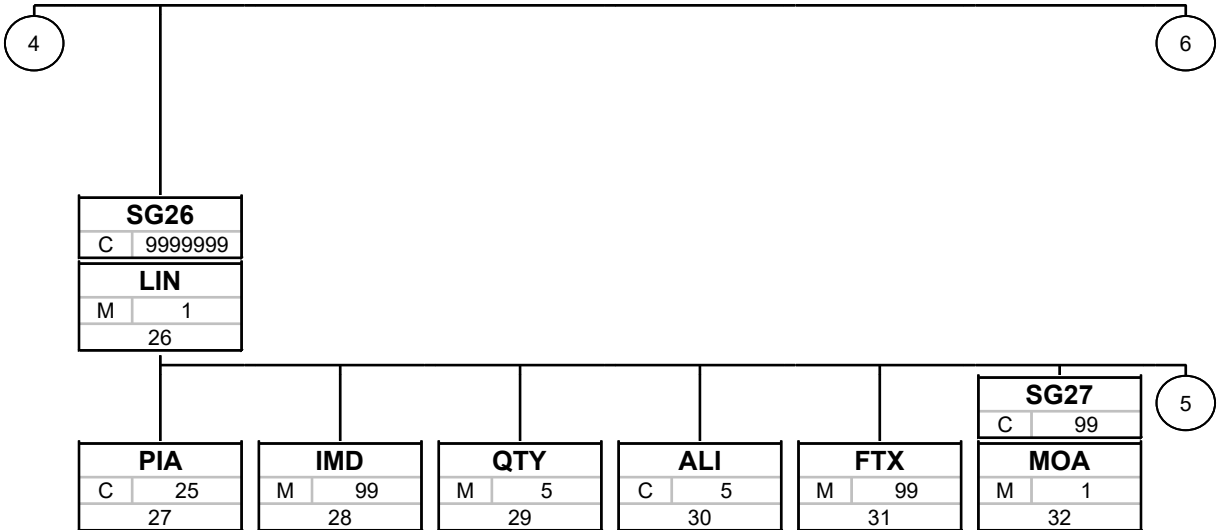
Tag
St MaxOcc
No

Tag = Segment/Group Tag

St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)

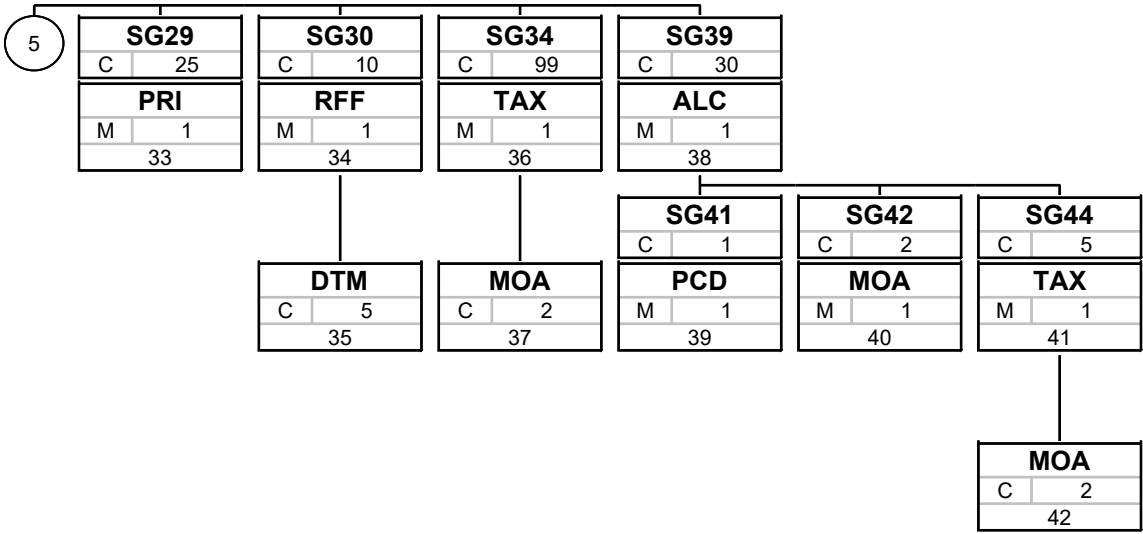
MaxOcc = Maximum occurrence of the segment/group

No = Consecutive segment number



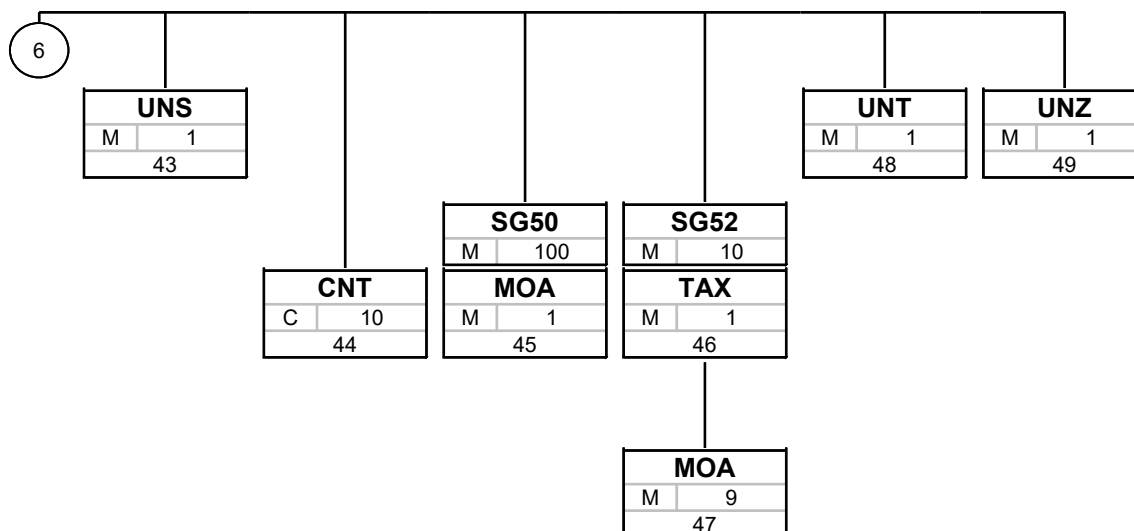
Tag
St MaxOcc
No

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



Tag
St MaxOcc
No

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



Tag
St MaxOcc
No

Tag = Segment/Group Tag

St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)

MaxOcc = Maximum occurrence of the segment/group

No = Consecutive segment number

Segments

No	Tag	St	MaxOcc	Name
----	-----	----	--------	------

1	UNA	C	1	Service string advice
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Tag	Name	St	Format	Example	Usage / Remark
UNA				UNA	
UNA1	Component data element separator	M	an1	:	Used as a separator between component data elements contained within a composite data element (default value: ":")
UNA2	Data element separator	M	an1	+	Used to separate two simple or composite data elements (default value: "+")
UNA3	Decimal notation	M	an1	.	Used to indicate the character used for decimal notation (default value: ".")
UNA4	Release indicator	M	an1	?	Used to restore any service character to its original specification (value: "?")
UNA5	Reserved for future use	M	an1		(default value : space)
UNA6	Segment terminator	M	an1	'	Used to indicate the end of segment data (default value : ')

Remark:

Optional separator declaration

Example:

UNA : + . ? ' '

No	Tag	St	MaxOcc	Name
2	UNB	M	1	Interchange header

Tag	Name	St Format	Example	Usage / Remark
UNB			UNB	
S001	Syntax identifier	M		
0001	Syntax identifier	M a4	+UNOC	UNOC (DE, AT, CH, NL, BE, LU, ES, PT, SE) UNOD (PL, HU) UNOK (TR)
0002	Syntax version number	M n1	:3	Syntax Version number 3 Syntax Version number 4 (with Signature currently only CH)
S002	Interchange sender	M		
0004	Sender identification	M an..35	+111111111 1111	GLN of the sender
0007	Partner identification code qualifier	C an..4	:14	14 EAN International
0008	Address for reverse routing	C an..14	:	Mandatory, if the interchange sender INVOIC is not equal the technical receiver of the reply message (e.g. GENRAL)
S003	Interchange recipient	M		
0010	Recipient identification	M an..35	+111111122 2221	GLN from the receiver (GLN from HQ MS p. Country)
0007	Partner identification code qualifier	C an..4	:14	14 EAN International
S004	Date/time of preparation	M		
0017	Date of preparation	M n6	+100520	Creation date of the transfer file
0019	Time of preparation	M n4	:1200	Time of creation
0020	Interchange control reference	M an..14	+201005200 001	Unique identification of the transfer file
0026	Application reference	M an..14	+INVOIC	Application reference: INVOIC INVOICWS
0032	Communications agreement ID	M an..35	+EANCOM	EANCOM
0035	Test indicator	C n1	+1	1 Interchange is a test

Remark:

Header segment of the interchange

INVOICWS in UNB 0026 has to used for invoices for wholesale business.

Example:

UNB+UNOC:3+11111111111111:14+111111122221:14+100520:1200+201005200001++INVOIC+++EANCOM+1'

No	Tag	St	MaxOcc	Name
3	UNH	M	1	Message header

Tag	Name	St	Format	Example	Usage / Remark
UNH				UNH	
0062	Message reference number	M	an..14	+1	
S009	Message identifier	M			
0065	Message type	M	an..6	+INVOIC	INVOIC
0052	Message version number	M	an..3	:D	Draft
0054	Message release number	M	an..3	:01B	Edition 2001 B
0051	Controlling agency	M	an..2	:UN	UN
0057	Association assigned code	M	an..6	:EAN010 '	EAN010 EAN version control number (EAN Code)

Remark:

This segment is used to head, identify and specify a message.
Header segment of the message

Example:

UNH+1+INVOIC:D:01B:UN:EAN010 '

No	Tag	St	MaxOcc	Name
4	BGM	M	1	Beginning of message

Tag	Name	St Format	Example	Usage / Remark
BGM			BGM	
C002	Document/message name	M		
1001	Document name code	M an..3	+380	380 Commercial invoice 381 Credit note - goods and services 382 Commission note
1000	Document name	C an..35	:	not filled = Goods Invoices Consignment Invoice
C106	Document/message identification	M		
1004	Document identifier	M an..15	+123456AB	Invoice number
1225	Message function code	M an..3	+9 '	9 Original

Remark:

Document type, invoice number

BGM C002.1001 = 381 in case of credit note

BGM C002.1001 = 381 invoices are only allowed for INVOICWS/SCE, not for BM

BGM C002.1001 = 382 in case of Commission note

Example:

BGM+380+123456AB+9 '

No	Tag	St	MaxOcc	Name
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5 **DTM** M 35 Date/time/period

Tag	Name	St	Format	Example	Usage / Remark
DTM				DTM	
C507	Date/time/period	M			
2005	Date or time or period function code qualifier	M	an..3	+137	137 Document/message date/time 35 Delivery date/time, actual 454 Accounting value date (Mandatory for HU)
2380	Date or time or period value	M	n8	:20100520	
2379	Date or time or period format code	M	an..3	:102'	102 CCYYMMDD

Remark:

Invoice date, delivery date

Example:

DTM+137:20100520:102'

No	Tag	St	MaxOcc	Name
----	-----	----	--------	------

6

ALI

C

5

Additional information

Tag	Name	St	Format	Example	Usage / Remark
ALI				ALI	
3239	Country of origin name code	C	an..3	+EU '	ISO 3166 2-alpha country code -> to use only if it is valid for the entire invoice

Remark:
Country of origin

Example:
ALI+EU '

No	Tag	St	MaxOcc	Name
7	FTX	M	99	Free text

Tag	Name	St Format	Example	Usage / Remark
FTX			FTX	
4451	Text subject code qualifier	M an..3	+AAK	AAK Price conditions REG Regulatory information SUR Supplier remarks ZZZ Mutually defined TXD Tax declaration
4453	Free text function code	C an..3	+1	
C107	Text reference	M		
4441	Free text value code	M an..17	+ST1	if AAK ST1, ST2 or ST3 (Mandatory) if REG IGL or RCH if ZZZ EEV (Mandatory for PT if domestic trade) if SUR UHR or ESP
3055	Code list responsible agency code	C an..3	:246 DE, GS1 Germany GmbH	92 Assigned by buyer or buyer's agent 246 DE, Centrale fuer Coorganisation GMBH 9 EAN (International Article Numbering association)
C108	Text literal	C		
4440	Free text value	M an..512	+X'	

Remark:

Only for PT:

Use Code "C17" for acceptance of duty return according to Royal Decree 17/2017 within FTX C108.4440 or use a string like "Tax Return According to Royal Decree 12/2017 " instead.

Within the domestic trade in PT a legislative text is needed. Because there is a comparison with a reference text character by character this text must read exactly:

Sobre os preços constantes nesta fatura, incidem ainda os descontos e outras contrapartidas, designadamente pagamentos, que constam do contrato de fornecimento ou de quaisquer outros contratos celebrados entre as partes, nos termos do Decreto-Lei n.º 166/2013, de 27 de Dezembro

Example:

FTX+AAK+1+ST1::246 DE, GS1 Germany GmbH+X'

No	Tag	St	MaxOcc	Name
8	FTX	C	99	Free text

Tag	Name	St	Format	Example	Usage / Remark
FTX				FTX	
4451	Text subject code qualifier	M	an..3	+PMT	PMT Payment information
4453	Free text function code	C	an..3	+1	1 Text for subsequent use
C108	Text literal	C			
4440	Free text value	M	an..512	+MECHANIZM PODZIELONE J PŁATNOŚCI '	MECHANIZM PODZIELONEJ PŁATNOŚCI

Remark:

Additional information

This FTX segment is only used in case of split payment

Mandatory for Poland

Example:

FTX+PMT+1++MECHANIZM PODZIELONEJ PŁATNOŚCI '

No	Tag	St	MaxOcc	Name
	SG1	C	99999	RFF-DTM
9	RFF	M	1	Reference

Tag	Name	St	Format	Example	Usage / Remark
RFF				RFF	
C506	Reference	M			
1153	Reference code qualifier	M	an..3	+ON	ON Order number (buyer), (Conditional) (Attention: for Media Saturn always numeric) also for credit note VN Order number (supplier) DQ Delivery note number, (Mandatory) also for credit note IV Invoice number (to be used only for old invoice number for new invoice), also used for credit note in case of price / quantity discrepancy CT Contract number (for Test = 0) - EDI Contract (Mandatory) ABO Invoice list number (Conditional) CR Customer reference number
1154	Reference identifier	M	n..20	:7645231'	Order number (RFF+ON) has to be numeric

Remark:

Order number, Delivery note number

Order number (RFF+ON) has to be numeric.

In case of credit note RFF+ON or RFF+IV has to be used.

In case of credit note belonging to a ZIR process one ZIR number has to be provided RFF+CR has to be used.

Example:

RFF+ON:7645231'

No	Tag	St	MaxOcc	Name
	SG1	C	99999	RFF-DTM
10	DTM	M	5	Date/time/period

Tag	Name	St	Format	Example	Usage / Remark
DTM				DTM	
C507	Date/time/period	M			
2005	Date or time or period function code qualifier	M	an..3	+171	171 Reference date/time
2380	Date or time or period value	M	n8	:20100501	Date Mandatory for RFF+ON (Order date) and RFF+DQ (Delivery note date)
2379	Date or time or period format code	M	an..3	:102 '	102 CCYYMMDD

Remark:

Order date, Delivery note date

For RFF+CT / ABO SG1-DTM is not valid

Example:

DTM+171:20100501:102 '

No	Tag	St	MaxOcc	Name
	SG2	C	99	NAD-SG3-SG5
11	NAD	M	1	Name and address

Tag	Name	St	Format	Example	Usage / Remark
NAD				NAD	
3035	Party function code qualifier	M	an..3	+BY	BY Buyer (Mandatory) also for credit note SU Supplier (Mandatory) also for credit note II Issuer of invoice (if SU not identical) also for credit note IV Invoicee (if BY not identical) also for credit note DP Delivery party (if BY not identical) also for credit note LC Party declaring the Value Added Tax (VAT) (if SU/II not identical) CN Consignee (if BY not identical / only DP or CN should delivered)
C082	Party identification details	M			
3039	Party identifier	M	an..35	+3333333333333333	GLN (global location number)
3055	Code list responsible agency code	C	an..3	:9	9 EAN (International Article Numbering association)
C080	Party name	C			
3036	Party name	M	an..35	+	Identifier may be used 3 times
C059	Street	C			
3042	Street and number or post office box identifier	M	an..35	+	Identifier may only be used 2 times (3042/1 and 3042/2)
3207	Country name code	C	an..3	+'	ISO 3166 2-Alpha Code

Remark:

Buyer, Delivery address, Invoice recipient

Data groups / elements C080/C059/3036/3042/3207 must be filled for 3035 = SU/BY/II/DP/LC/CN in (CH, ES, HU, PL, BE)

NAD+DP only Mandatory for GERMANY !

Example:

NAD+BY+3333333333333333: :9'

No	Tag	St	MaxOcc	Name
	SG3	C	9999	RFF
SG2 NAD+SU - SG3 RFF+VA is also used for credit note				
12	RFF	M	1	Reference

Tag	Name	St Format	Example	Usage / Remark
RFF			RFF	
C506	Reference	M		
1153	Reference code qualifier	M an..3	+VA	VA VAT registration number(if SU(II/LC) Mandatory, if BY/IV or IGL/RCH/foreign country Always mandatory for ES/PL CR Customer reference number FC Fiscal number IT Internal customer number YC1 Media-Saturn – Supplier identification number (Conditional) XA Company/place registration number
1154	Reference identifier	M an..70	: DE12345678 ,	

Remark:

Additional identification to the respective NAD segment

Example:

RFF+VA:DE12345678'

No	Tag	St	MaxOcc	Name
	SG5	C	5	CTA-COM
13	CTA	M	1	Contact information

Tag	Name	St	Format	Example	Usage / Remark
CTA				CTA	
C056	Department or employee details	M			
3412	Department or employee name	M	an..35	:NAME '	Contact Name of the supplier (SU)

Remark:
Contact, Mandatory for NAD+SU

Example:
CTA++:NAME '

No	Tag	St	MaxOcc	Name
	SG5	C	5	CTA-COM
14	COM	M	5	Communication contact

Tag	Name	St	Format	Example	Usage / Remark
COM				COM	
C076	Communication contact	M			
3148	Communication address identifier	M	an..70	+0123456789	
3155	Communication address code qualifier	M	an..3	:TE'	EM Electronic mail FX Fax TE Telephone

Remark:

Telephone, Fax, E-Mail

Mandatory (at least one instance of 3155 - Prio: Contact for invoice queries)

Example:

COM+0123456789:TE'

No	Tag	St	MaxOcc	Name
	SG6	C	5	TAX
15	TAX	M	1	Duty/tax/fee details

Tag	Name	St	Format	Example	Usage / Remark
TAX				TAX	
5283	Duty or tax or fee function code qualifier	M	an..3	+7	7 Tax
C241	Duty/tax/fee type	M			
5153	Duty or tax or fee type name code	M	an..3	+VAT	VAT Value added tax
C243	Duty/tax/fee detail	M			
5278	Duty or tax or fee rate	M	an..17	:19	The actual rate of tax/duty
5305	Duty or tax or fee category code	M	an..3	+S '	E Exempt from tax (for FTX+REG++IGL or FTX+REG++RCH) S Standard rate Z Zero tax goods

Remark:

VAT, Conditional (default value for all other TAX segments), also used for credit note

Example:

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

No	Tag	St	MaxOcc	Name
	SG7	M	99	CUX
16	CUX	M	1	Currencies

Tag	Name	St	Format	Example	Usage / Remark
CUX				CUX	
C504	Currency details	M			
6347	Currency usage code qualifier	M	an..3	+2	2 Reference currency
6345	Currency identification code	M	an..3	:EUR	ISO 4217 3-Alpha
6343	Currency type code qualifier	M	an..3	:4 '	4 Invoicing currency

Remark:

Invoice currency, also used for credit notes
Mandatory. (Only one currency per invoice allowed)

Example:

CUX+2:EUR:4 '

No	Tag	St	MaxOcc	Name
	SG8	C	10	PAT-DTM-PCD-FII
17	PAT	M	1	Payment terms basis

Tag	Name	St Format	Example	Usage / Remark
PAT			PAT	
4279	Payment terms type code qualifier	M an..3	+22	22 Discount
C112	Terms/time information	M		
2475	Time reference code	M an..3	+5	5 Date of invoice 21 Date goods received by buyer 3 After reference
2009	Terms time relation code	M an..3	:3	6 End of the month containing the reference date 7 End of the month following the month of reference date (to be used at Ultimo following next month with 2152 = 0)
2151	Period type code	M an..3	:D	D Day
2152	Period count quantity	M n..3	:30'	Valutadays

Remark:

Payment, If there is an annual agreement with Media-Saturn this segment group SG8 should not be send.

Example:

PAT+22++5:3:D:30'

No	Tag	St	MaxOcc	Name
	SG8	C	10	PAT-DTM-PCD-FII
18	DTM	C	5	Date/time/period

Tag	Name	St	Format	Example	Usage / Remark
DTM				DTM	
C507	Date/time/period	M			
2005	Date or time or period function code qualifier	M	an..3	+12	12 Terms discount due date/time
2380	Date or time or period value	M	n8	:20100530	Due date
2379	Date or time or period format code	M	an..3	:102 '	102 CCYYMMDD

Remark:

Due date

Example:

DTM+12:20100530:102 '

No	Tag	St	MaxOcc	Name
	SG8	C	10	PAT-DTM-PCD-FII
19	PCD	M	1	Percentage details

Tag	Name	St	Format	Example	Usage / Remark
PCD				PCD	
C501	Percentage details	M			
5245	Percentage type code qualifier	M	an..3	+12	12 Discount
5482	Percentage	M	n..10	:3'	

Remark:

Discount

Example:

PCD+12:3'

Tag	Name	St Format	Example	Usage / Remark
FII			FII	
3035	Party function code qualifier	M an..3	+RB	RB Receiving financial institution
C078	Account holder identification	M		
3194	Account holder identifier	M an..35	+DE4444444444444444444	IBAN
3192	Account holder name	M an..35	:Account holder name	
C088	Institution identification	M		
3434	Institution branch identifier	M an..17	:AAAAAA1AA A	BIC
3432	Institution name	M an..70	:Bank name	
3207	Country name code	M an..3	+DE'	ISO 3166 2-Alpha Code

Example:
FII+RB+DE44444444444444444444:Account holder name+::AAAAAA1AAA::Bank name+DE'

No	Tag	St	MaxOcc	Name
	SG16	C	9999	ALC-SG19-SG20-SG22
21	ALC	M	1	Allowance or charge

Tag	Name	St Format	Example	Usage / Remark
ALC			ALC	
5463	Allowance or charge code qualifier	M an..3	+C	A Allowance C Charge
1227	Calculation sequence code	M an..3	+1	always 1, (only one calculation stage allowed)
C214	Special services identification	M		
7161	Special service description code	M an..3	+FC'	DI Allowance (Head discount) FC Freight charge HD Handling cost IN Insurance cost PC Packaging cost TX Tax (for Poland - manipulacja opłatami) Each code only 1 time allowed

Remark:

Allowance or charge details
Mandatory if SG16 occurs

Example:

ALC+C+++1+FC'

No	Tag	St	MaxOcc	Name
	SG19	C	1	PCD
22	PCD	M	1	Percentage details

Tag	Name	St	Format	Example	Usage / Remark
PCD				PCD	
C501	Percentage details	M			
5245	Percentage type code qualifier	M	an..3	+3	3 Allowance or charge
5482	Percentage	M	n..10	:2.00	
5249	Percentage basis identification code	M	an..3	:13'	13 Invoice value

Remark:

Percentage information for allowance/charge

Example:

PCD+3:2.00:13'

No	Tag	St	MaxOcc	Name
	SG20	C	2	MOA
23	MOA	M	1	Monetary amount

Tag	Name	St Format	Example	Usage / Remark
MOA			MOA	
C516	Monetary amount	M		
5025	Monetary amount type code qualifier	M an..3	+8	8 Allowance or charge amount (Mandatory) has to be repeated in SG50 /MOA+131 25 Supplement- / Discountbasis (Mandatory if SG19 occurs)
5004	Monetary amount	M n..35	:100'	Monetary Amount Value

Remark:

Mandatory, if SG16 occurs

Discount/charge amount

Algebraic sign !

Example:

MOA+8:100'

No	Tag	St	MaxOcc	Name
	SG22	C	5	TAX-MOA
24	TAX	M	1	Duty/tax/fee details

Tag	Name	St	Format	Example	Usage / Remark
TAX				TAX	
5283	Duty or tax or fee function code qualifier	M	an..3	+7	7 Tax
C241	Duty/tax/fee type	M			
5153	Duty or tax or fee type name code	M	an..3	+VAT	VAT Value added tax
C243	Duty/tax/fee detail	M			
5278	Duty or tax or fee rate	M	an..17	:19	Tax rate
5305	Duty or tax or fee category code	M	an..3	+S '	E Exempt from tax S Standard rate Z Zero tax goods

Remark:

Only, if different to SG6 TAX
VAT for allowance/charge

Example:

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

No	Tag	St	MaxOcc	Name
	SG22	C	5	TAX-MOA
25	MOA	C	1	Monetary amount

Tag	Name	St	Format	Example	Usage / Remark
MOA				MOA	
C516	Monetary amount	M			
5025	Monetary amount type code qualifier	M	an..3	+124	124 Tax amount
5004	Monetary amount	M	n..35	:99'	Monetary Amount Value

Remark:

VAT amount for allowance/charge

Example:

MOA+124:99'

No	Tag	St	MaxOcc	Name
	SG26	C	9999999	LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG29-SG30-SG34-SG39
26	LIN	M	1	Line item

Tag	Name	St	Format	Example	Usage / Remark
LIN				LIN	
1082	Line item identifier	M	an..6	+1	
C212	Item number identification	M			
7140	Item identifier	M	an..13	+4444444444444444	Item GTIN/EAN
				4444	If 12 digit UPC Code add leading Zero
7143	Item type identification code	M	an..3	:SRV'	SRV GS1 Global Trade Item Number

Remark:

Line item, GTIN/EAN

Example:

LIN+1+++4444444444444444:SRV'

No	Tag	St	MaxOcc	Name
	SG26	C	9999999	LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG29-SG30-SG34-SG39
27	PIA	C	25	Additional product id

Tag	Name	St	Format	Example	Usage / Remark
PIA				PIA	
4347	Product identifier code qualifier	M	an..3	+1	1 Additional identification 4 Substituted for 5 Product identification
C212	Item number identification	M			
7140	Item identifier	M	an..35	+81255	
7143	Item type identification code	M	an..3	:SA	IN Buyer's item number (always numeric), also used for credit note HS Harmonised system SA Supplier's article number MF Article number of the manufacturer (producer) PGC Price group code (EAN-Code) SRV EAN/GTIN, only if 4347 = 4
3055	Code list responsible agency code	C	an..3	: '	9 EAN /GTIN (for SRV) 91 Assigned by Supplier (for HS, SA, MF, PGC) 92 Assigned by buyer (for IN)

Remark:

Supplier's / Buyer's article number, Customs declaration number

Example:

PIA+1+81255:SA'

No	Tag	St	MaxOcc	Name
	SG26	C	9999999	LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG29-SG30-SG34-SG39
28	IMD	M	99	Item description

Tag	Name	St Format	Example	Usage / Remark
IMD			IMD	
7077	Description format code	M an..3	+A	A Free-form – long description F Free-form, also used for credit note
C273	Item description	M		
7008	Item description	M an..25	:Item Description' n'	May occur 2 times(7008/1 und 7008/2) Always the first two DE 7008 of the first IMD will be used.

Remark:

Article description

Example:

IMD+A++:::Item Description'

No	Tag	St	MaxOcc	Name
	SG26	C	9999999	LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG29-SG30-SG34-SG39
29	QTY	M	5	Quantity

Tag	Name	St	Format	Example	Usage / Remark
QTY				QTY	
C186	Quantity details	M			
6063	Quantity type code qualifier	M	an..3	+47	47 Invoiced quantity (Mandatory) also for credit note Is there just Free good quantity (QTY+192) you have to send (QTY+47:0')
6060	Quantity	M	n..35	:2	192 Free goods quantity
6411	Measurement unit code	C	an..3	:PCE '	PCE Piece (EAN-Code)

Remark:

Invoiced quantity

Example:

QTY+47:2:PCE '

No	Tag	St	MaxOcc	Name
	SG26	C	9999999	LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG29-SG30-SG34-SG39
30	ALI	C	5	Additional information

Tag	Name	St	Format	Example	Usage / Remark
ALI				ALI	
3239	Country of origin name code	C	an..3	+EU'	ISO 3166 2-Alpha Country Code

Remark:
Country of origin is mandatory for credit notes if ALI (header) not available

Example:
ALI+EU'

No	Tag	St	MaxOcc	Name
	SG26	C	9999999	LIN-PIA-IMD-QTY-ALI-FTX-SG27-SG29-SG30-SG34-SG39
31	FTX	M	99	Free text

Tag	Name	St Format	Example	Usage / Remark
FTX			FTX	
4451	Text subject code qualifier	M an..3	+SIN	SIN Special instructions
C107	Text reference	M		
4441	Free text value code	M an..17	+LIC	if SIN = LIC (Special instructions like licence)
C108	Text literal	C		
4440	Free text value	M an..512	+LIC;LIC; LIC;LIC; LIC;LIC; LIC;LIC; LIC;LIC; LIC;LIC	
4440	Free text value	C an..512	:LIC;LIC; LIC;LIC; LIC;LIC; LIC;LIC; LIC;LIC; LIC;LIC	
4440	Free text value	C an..512	:LIC;LIC; LIC;LIC; LIC;LIC; LIC;LIC; LIC;LIC; LIC;LIC	
4440	Free text value	C an..512	:LIC;LIC; LIC;LIC; LIC;LIC; LIC;LIC; LIC;LIC; LIC;LIC	
4440	Free text value	C an..512	:LIC;LIC; LIC;LIC; LIC;LIC; LIC;LIC; LIC;LIC; LIC;LIC'	

Remark:

To provide free form or coded text information on multiple licence keys separated by semicolon.

Example:

[illegible]

No	Tag	St	MaxOcc	Name
	SG27	C	99	MOA
32	MOA	M	1	Monetary amount

Tag	Name	St Format	Example	Usage / Remark
MOA			MOA	
C516	Monetary amount	M		
5025	Monetary amount type code qualifier	M an..3	+203	203 Line item amount (Mandatory) (Calculation – QTY+47 (DE 6060) * PRI+AAA (DE 5118))
5004	Monetary amount	M n..35	:3.80'	Monetary Amount Value

Remark:

Item amount, Mandatory also for credit note

Example:

MOA+203:3.80'

No	Tag	St	MaxOcc	Name
	SG29	C	25	PRI
33	PRI	M	1	Price details

Tag	Name	St	Format	Example	Usage / Remark
PRI				PRI	
C509	Price information	M			
5125	Price code qualifier	M	an..3	+AAA	AAA Calculation net (Mandatory including all Allowances and Charges excluding VAT) also used for credit note
5118	Price amount	M	n..15	:1.90	
5284	Unit price basis value	M	n..9	:1	Always 1
6411	Measurement unit code	C	an..3	:PCE'	PCE Piece (EAN-Code)

Remark:

Price information

Example:

PRI+AAA:1.90:::1:PCE'

No	Tag	St	MaxOcc	Name
	SG30	C	10	RFF-DTM
34	RFF	M	1	Reference

Tag	Name	St	Format	Example	Usage / Remark
RFF				RFF	
C506	Reference	M			
1153	Reference code qualifier	M	an..3	+ON	ABT Customs declaration number ON Order number (buyer) always numeric VN Order number (supplier)
1154	Reference identifier	M	an..40	: 2010518743 8	
1156	Document line identifier	C	an..6	:3'	Line number, only for 1153 = ON

Remark:

Customs declaration number, Order number

Example:

RFF+ON:20105187438:3'

No	Tag	St	MaxOcc	Name
	SG30	C	10	RFF-DTM
35	DTM	C	5	Date/time/period

Tag	Name	St	Format	Example	Usage / Remark
DTM				DTM	
C507	Date/time/period	M			
2005	Date or time or period function code qualifier	M	an..3	+171	171 Reference date/time
2380	Date or time or period value	M	n..8	:20100501	Date for RFF (ON)
2379	Date or time or period format code	C	an..3	:102'	102 CCYYMMDD

Remark:

Order date, Mandatory for RFF+ON

Example:

DTM+171:20100501:102'

No	Tag	St	MaxOcc	Name
	SG34	C	99	TAX-MOA
36	TAX	M	1	Duty/tax/fee details

Tag	Name	St	Format	Example	Usage / Remark
TAX				TAX	
5283	Duty or tax or fee function code qualifier	M	an..3	+7	7 Tax
C241	Duty/tax/fee type	M			
5153	Duty or tax or fee type name code	M	an..3	+VAT	VAT Value added tax
C243	Duty/tax/fee detail	M			
5278	Duty or tax or fee rate	M	an..17	:19	Tax rate
5305	Duty or tax or fee category code	M	an..3	+S '	E Exempt from tax S Standard rate Z Zero tax goods

Remark:

VAT, Conditional (only if different from SG6 TAX or SG6 TAX was not filled) also for credit note

Example:

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

No	Tag	St	MaxOcc	Name
	SG34	C	99	TAX-MOA
37	MOA	C	2	Monetary amount

Tag	Name	St	Format	Example	Usage / Remark
MOA				MOA	
C516	Monetary amount	M			
5025	Monetary amount type code	M	an..3	+124	124 Tax amount
	qualifier				
5004	Monetary amount	M	n..35	: 99 '	Monetary Amount Value

Remark:

Tax amount, Conditional (mandatory, if SG34 TAX is used) also for credit note

Example:

MOA+124: 99 '

No	Tag	St	MaxOcc	Name
	SG39	C	30	ALC-SG41-SG42-SG44
38	ALC	M	1	Allowance or charge

Tag	Name	St	Format	Example	Usage / Remark
ALC				ALC	
5463	Allowance or charge code qualifier	M	an..3	+A	A Allowance C Charge
C552	Allowance/charge information	C			
5189	Allowance or charge identification code	C	an..3	: 64	64 Special agreement
1227	Calculation sequence code	M	an..3	+1	Calculation stage1-9
C214	Special services identification	M			
7161	Special service description code	C	an..3	+ACQ	ACQ Royalty surcharge
1131	Code list identification code	C	an..17	: ZZZ	ZZZ Mutally defined
3055	Code list responsible agency code	C	an..3	: 91	91 Assigned by supplier if 5463 = A 92 Assigned by buyer if 5463 = C
7160	Special service description	M	an..35	:Normal Discount'	Charge Code from list (provided by MediaMarktSaturn) Discount Free text for discount types (defined by seller)

Remark:

Item allowance or charge also used for credit note

Example:

ALC+A+:64++1+ACQ:ZZZ:91:Normal Discount'

No	Tag	St	MaxOcc	Name
	SG41	C	1	PCD
39	PCD	M	1	Percentage details

Tag	Name	St	Format	Example	Usage / Remark
PCD				PCD	
C501	Percentage details	M			
5245	Percentage type code qualifier	M	an..3	+1	1 Allowance 2 Charge
5482	Percentage	M	n..10	:10	
5249	Percentage basis identification code	C	an..3	:1'	1 always 1 - Per piece

Remark:

Percentage information for allowance/charge also used for credit note

Example:

PCD+1:10:1'

No	Tag	St	MaxOcc	Name
	SG42	C	2	MOA
40	MOA	M	1	Monetary amount

Tag	Name	St Format	Example	Usage / Remark
MOA			MOA	
C516	Monetary amount	M		
5025	Monetary amount type code qualifier	M an..3	+25	25 Charge/allowance basis 23 Charge amount 204 Allowance amount
5004	Monetary amount	M n..35	:1.90'	Monetary Amount Value

Remark:

Allowance/charge amount also used for credit note

Mandatory (23 if SG36-ALC/5463 = C and 204 if SG36-ALC/5463 = A)

Example:

MOA+25:1.90'

No	Tag	St	MaxOcc	Name
	SG44	C	5	TAX-MOA
41	TAX	M	1	Duty/tax/fee details

Tag	Name	St	Format	Example	Usage / Remark
TAX				TAX	
5283	Duty or tax or fee function code qualifier	M	an..3	+7	7 Tax
C241	Duty/tax/fee type	M			
5153	Duty or tax or fee type name code	M	an..3	+VAT	VAT Value added tax
C243	Duty/tax/fee detail	M			
5278	Duty or tax or fee rate	M	an..17	:19	Tax rate
5305	Duty or tax or fee category code	M	an..3	+S '	E Exempt from tax S Standard rate Z Zero tax goods

Remark:

Mandatory (if SG34 TAX occurs), also for credit note
VAT for allowance/charge

Example:

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

No	Tag	St	MaxOcc	Name
	SG44	C	5	TAX-MOA
42	MOA	C	2	Monetary amount

Tag	Name	St	Format	Example	Usage / Remark
MOA				MOA	
C516	Monetary amount	M			
5025	Monetary amount type code qualifier	M	an..3	+1	
5004	Monetary amount	C	n..35	: 9 '	Monetary Amount Value

Remark:

Example:
MOA+1: 9 '

No	Tag	St	MaxOcc	Name
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43	UNS	M	1	Section control
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Tag	Name	St	Format	Example	Usage / Remark
UNS				UNS	
0081	Section identification	M	a1	+S'	S Detail/summary section separation

Remark:
Detail/summary section separation

Example:
UNS+S'

No	Tag	St	MaxOcc	Name
----	-----	----	--------	------

44	CNT	C	10	Control total
----	-----	---	----	---------------

Tag	Name	St	Format	Example	Usage / Remark
CNT				CNT	
C270	Control	M			
6069	Control total type code qualifier	M	an..3	+1	1 Total value all QTY DE 6060 at line level in a message
6066	Control total value	M	n..18	:2 '	

Remark:
Check sum

Example:
CNT+1:2 '

No	Tag	St	MaxOcc	Name
	SG50	M	100	MOA
45	MOA	M	1	Monetary amount

Tag	Name	St Format	Example	Usage / Remark
MOA			MOA	
C516	Monetary amount	M		
5025	Monetary amount type code qualifier	M an..3	+77	77 Invoice amount (Mandatory) 79 Total line items amount (Mandatory) 124 Tax amount (Mandatory) 125 Taxable amount (Mandatory) 131 Total charges/allowances of Header Charges/ Allowances (SG20 MOA/5004) For Allowances minus (-) sign 462 Annual turnover 9 Amount due/amount payable
5004	Monetary amount	M n..35	:999'	Monetary Amount Value

Remark:

Total amounts

MOA+9 only for Belgium

Example:

MOA+77:999'

No	Tag	St	MaxOcc	Name
	SG52	M	10	TAX-MOA
46	TAX	M	1	Duty/tax/fee details

Tag	Name	St	Format	Example	Usage / Remark
TAX				TAX	
5283	Duty or tax or fee function code qualifier	M	an..3	+7	7 Tax
C241	Duty/tax/fee type	M			
5153	Duty or tax or fee type name code	M	an..3	+VAT	VAT Value added tax
C533	Duty/tax/fee account detail	C			
5289	Duty or tax or fee account code	M	an..6	+	
C243	Duty/tax/fee detail	M			
5278	Duty or tax or fee rate	M	an..17	:19	Tax rate
5305	Duty or tax or fee category code	M	an..3	+S'	E Exempt from tax S Standard rate Z Zero tax goods

Remark:

VAT, Mandatory (SG 52 for every different VAT Rate, min occurs 1)

Example:

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

No	Tag	St	MaxOcc	Name
	SG52	M	10	TAX-MOA
47	MOA	M	9	Monetary amount

Tag	Name	St	Format	Example	Usage / Remark
MOA				MOA	
C516	Monetary amount	M			
5025	Monetary amount type code qualifier	M	an..3	+79	79 Total line items amount (Mandatory) 124 Tax amount (Mandatory) 125 Taxable amount (Mandatory)
5004	Monetary amount	M	n..35	:999 '	Monetary Amount Value

Remark:

Total amounts, Mandatory per different Vat Rate, min occurs 1

Example:

MOA+79:999 '

No	Tag	St	MaxOcc	Name
48	UNT	M	1	Message trailer

Tag	Name	St Format	Example	Usage / Remark
UNT			UNT	
0074	Number of segments in the message	M n..6	+55	
0062	Message reference number	M an..14	+1 '	The message reference number listed here should be equal to the DE 0062 in the UNH-Segment

Remark:

End of message

Example:

UNT+55+1 '

No	Tag	St	MaxOcc	Name
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49 **UNZ** M 1 Interchange trailer

Tag	Name	St Format	Example	Usage / Remark
UNZ			UNZ	
0036	Interchange control count	M n..6	+1	Number of messages or functional groups within an interchange
0020	Interchange control reference	M an..14	+201005200001'	Identical to DE 0020 in UNB segment

Remark:

End of interchange

Example:

UNZ+1+201005200001'

Example Message

No	Tag	Example
01	UNA	UNA:+.? '
02	UNB	UNB+UNOC:3+111111111111:14+111111122222:14+100520:1200+201005200001++INVOIC++ +EANCOM+1'
03	UNH	UNH+1+INVOIC:D:01B:UN:EAN010'
04	BGM	BGM+380+123456AB+9'
05	DTM	DTM+137:20100520:102'
06	ALI	ALI+EU'
07	FTX	FTX+AAK+1+ST1::246 DE, GS1 Germany GmbH+X'
08	FTX	FTX+PMT+1++MECHANIZM PODZIELONEJ PŁATNOŚCI'
SG1		
09	RFF	RFF+ON:7645231'
10	DTM	DTM+171:20100501:102'
SG2		
11	NAD	NAD+BY+333333333333::9'
SG3		
12	RFF	RFF+VA:DE12345678'
SG5		
13	CTA	CTA++:NAME'
14	COM	COM+0123456789:TE'
SG6		
15	TAX	TAX+7+VAT+++:::19+S'
SG7		
16	CUX	CUX+2:EUR:4'
SG8		
17	PAT	PAT+22++5:3:D:30'
18	DTM	DTM+12:20100530:102'
19	PCD	PCD+12:3'
20	FII	FII+RB+DE44444444444444444444444444444444:Account holder name+:::AAAAAA1AAA:::Bank name+DE ,
SG16		
21	ALC	ALC+C+++1+FC'
SG19		
22	PCD	PCD+3:2.00:13'
SG20		
23	MOA	MOA+8:100'
SG22		
24	TAX	TAX+7+VAT+++:::19+S'
25	MOA	MOA+124:99'
SG26		
26	LIN	LIN+1++44444444444444444444444444444444:SRV'
27	PIA	PIA+1+81255:SA'
28	IMD	IMD+A++:::Item Description'
29	QTY	QTY+47:2:PCE'
30	ALI	ALI+EU'

No = Consecutive segment number

No = Consecutive segment number