



Message Implementation Guideline

INVOIC

based on

INVOIC

Invoice message

EANCOM® 2002 S3

Version: 2.0

Variant: AHEAD Freight

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ALDI South Group INVOIC EANCOM D.01B (Freight)

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Structure / Table of Contents

Counter	No	Tag	St	MaxOcc	Level	Content
0000	1	UNA	R	1	0	Service String Advice
0000	2	UNB	M	1	0	Interchange Header
0010	3	UNH	M	1	0	Message header
0020	4	BGM	M	1	0	Beginning of message
0030	5	DTM	M	1	1	Document Create Date
0030	6	DTM	M	1	1	Supply Date
0070	7	FTX	O	1	1	LES Reverse Charge
0070	8	FTX	O	1	1	VAT Value added tax
0120		SG1	C	99999	1	RFF
0130	9	RFF	O	1	1	Original invoice number
0220		SG2	R	1	1	Buyer Address
0230	10	NAD	M	1	1	Name and address
0270		SG3	D	1	2	VAT ID Buyer
0280	11	RFF	M	1	2	Reference
0220		SG2	R	1	1	Freight Forwarder Address
0230	12	NAD	M	1	1	Name and address
0250	13	FII	R	5	2	Financial institution information
0270		SG3	M	1	2	VAT ID Freight Forwarder
0280	14	RFF	M	1	2	Reference
0400		SG7	R	99	1	Invoicing currency
0410	15	CUX	M	1	1	Currencies
1090		SG26	R	9999999	1	LIN-QTY-SG27-SG30-SG30-SG30-SG34
1100	16	LIN	M	1	1	Line item
1150	17	QTY	R	1	2	Invoiced quantity
1250		SG27	R	99	2	Line item amount
1260	18	MOA	M	1	2	Monetary amount
1390		SG30	R	10	2	Freight order number
1400	19	RFF	M	1	2	Reference
1390		SG30	O	10	2	Bill of lading
1400	20	RFF	M	1	2	Reference
1390		SG30	O	10	2	Voyage number
1400	21	RFF	M	1	2	Reference

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

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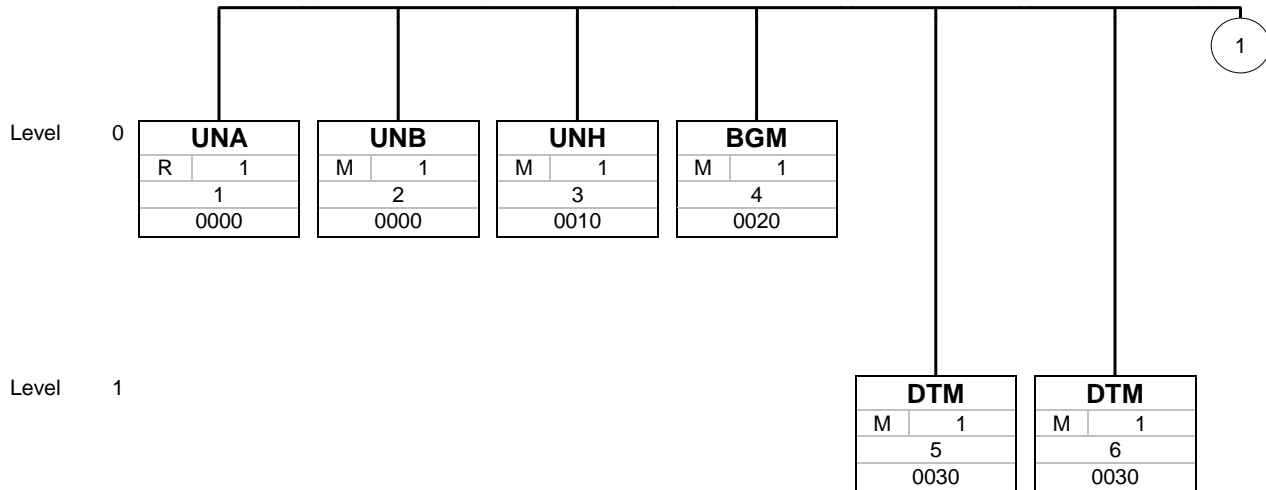
Counter	No	Tag	St	MaxOcc	Level	Content
	1550	SG34	R	99	2	Tax
	1560	22 TAX	M	1	2	Duty/tax/fee details
	2170	23 UNS	M	1	0	Section control
	2180	24 CNT	R	10	1	Control total
	2190	SG50	M	100	1	Total line item amount
	2200	25 MOA	M	1	1	Monetary amount
	2190	SG50	M	100	1	Total invoice amount
	2200	26 MOA	M	1	1	Monetary amount
	2190	SG50	M	100	1	Tax Amount
	2200	27 MOA	M	1	1	Monetary amount
	2240	SG52	R	10	1	Amounts per VAT rate
	2250	28 TAX	M	1	1	Duty/tax/fee details
	2260	29 MOA	R	9	2	Total Line items amount per Vat rate
	2260	30 MOA	R	9	2	Tax amount per Vat Rate
	2320	31 UNT	M	1	0	Message trailer
	0000	32 UNZ	M	1	0	Interchange trailer

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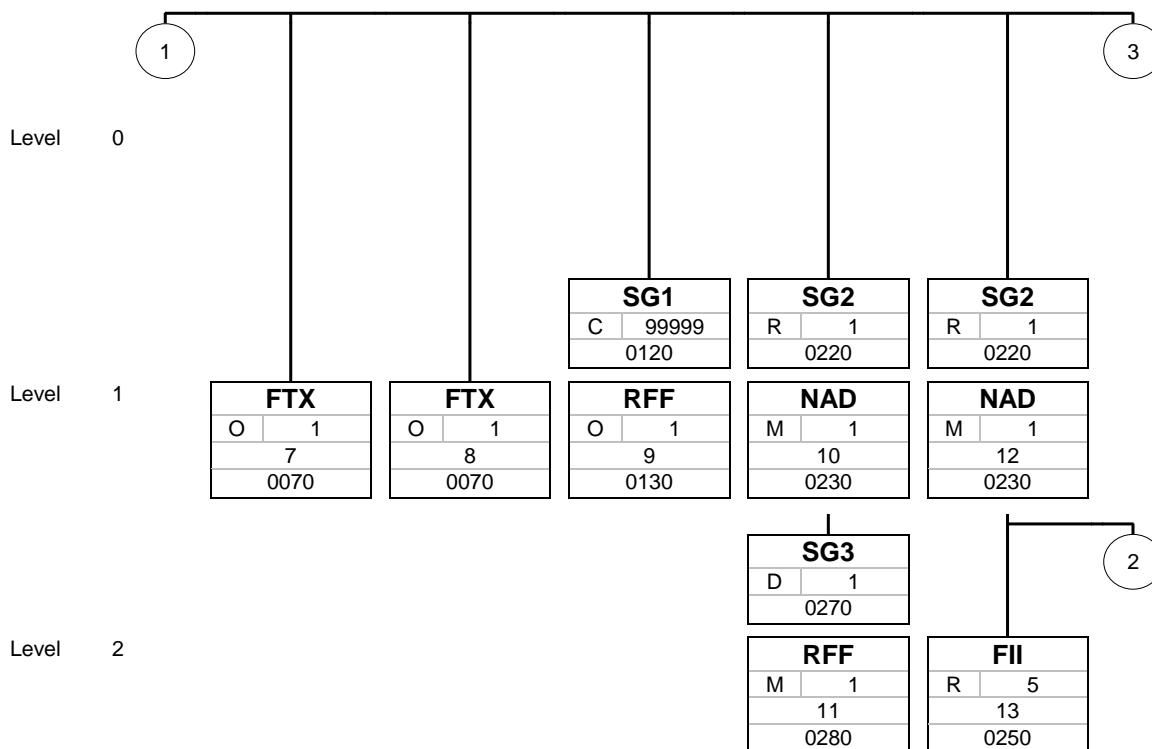


Branching Diagram of Used Segments/Groups



Tag
St MaxOcc
No
Counter

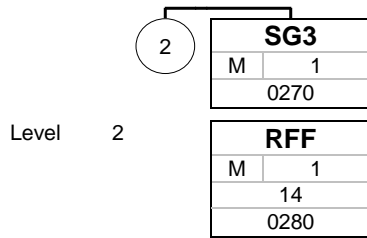
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No
Counter

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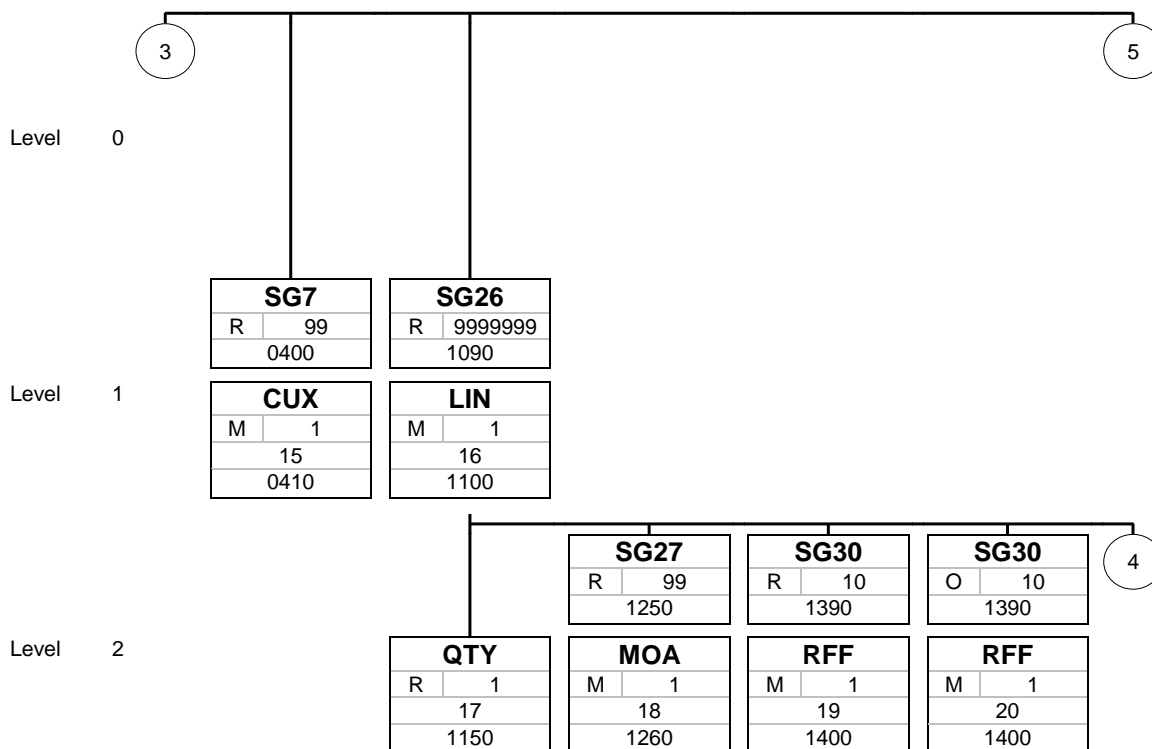
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Tag
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No
Counter

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INVOIC



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INVOIC

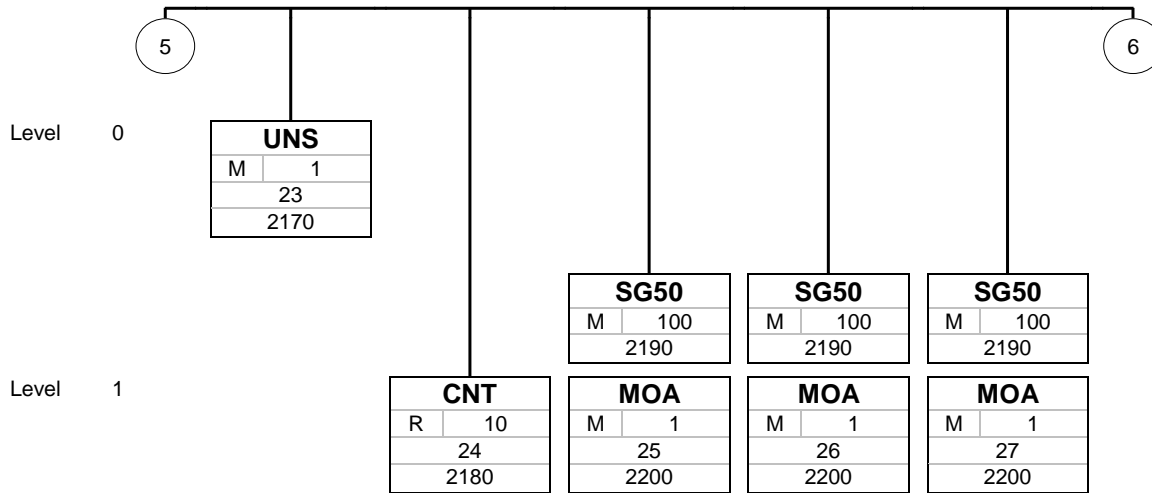


Level 2	4	SG30		SG34		
		O	10	R	99	
		1390		1550		
		RFF		TAX		
		M	1	M	1	
		21		22		
		1400		1560		

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St MaxOcc
No
Counter

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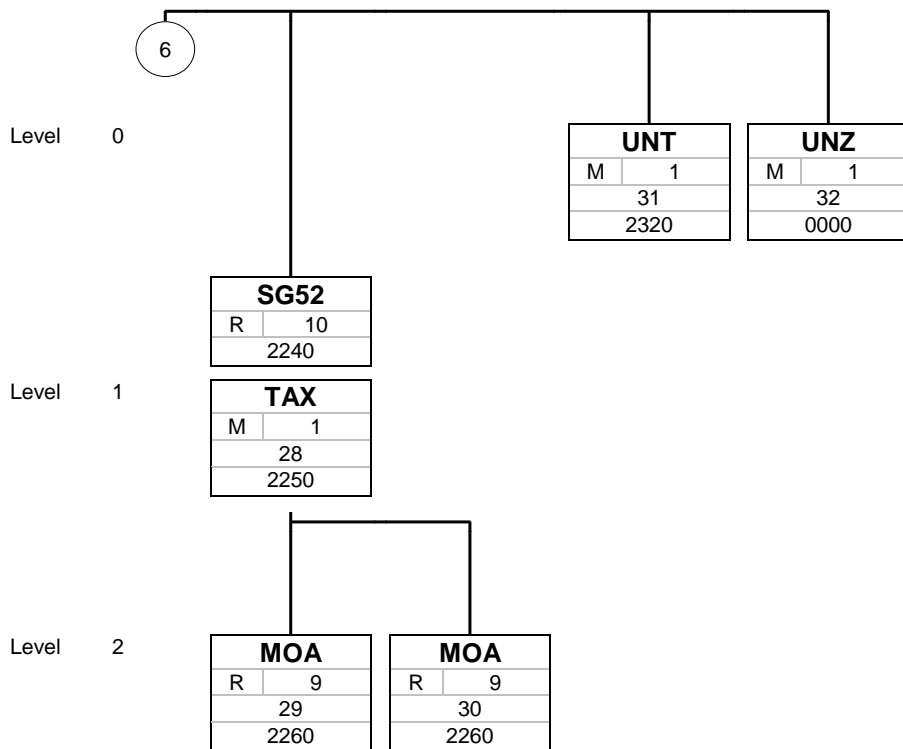
INVOIC



Tag
St MaxOcc
No
Counter

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INVOIC



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No
Counter

Tag = Segment/Group Tag
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Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0000	1	UNA	R	1	0	Service String Advice

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

Remark:

This segment is used to inform the receiver of the interchange that a set of service string characters which are different to the default characters are being used.

When using the default set of service characters, the UNA segment need not be sent. If it is sent, it must immediately precede the UNB segment and contain the four service string characters (positions UNA1, UNA2, UNA4 and UNA6) selected by the interchange sender.

Regardless of whether or not all of the service string characters are being changed every data element within this segment must be filled, (i.e., if some default values are being used with user defined ones, both the default and user defined values must be specified).

When expressing the service string characters in the UNA segment, it is not necessary to include any element separators.

The use of the UNA segment is required when using a character set other than level A.

Example:

UNA: + . ? ' |

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Counter	No	Tag	St	MaxOcc	Level	Name
---------	----	-----	----	--------	-------	------

0000 2 **UNB** M 1 0 Interchange Header

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNB				
S001	Syntax identifier	M	M	
0001	Syntax identifier	M a4	M a4	UNOC
0002	Syntax version number	M n1	M n1	Syntax Version Number 3
S002	Interchange sender	M	M	
0004	Sender identification	M an..35	M an..35	Data Sender GLN (n13) 2201234567897
0007	Partner identification code qualifier	C an..4	R an..3	14 = GLN (GS1) 1 = DUNS (Data Universal Numbering System, 9 Digits) 9 = DUNS (Data Universal Numbering System with 4 digit Suffix) ZZZ = Mutually Defined
0008	Address for reverse routing	C an..14	N	Not used
S003	Interchange recipient	M	M	
0010	Recipient identification	M an..35	M an..35	Data Receiver GLN (n13) 0041498000042
0007	Partner identification code qualifier	C an..4	R an..3	14 = GLN (GS1) 1 = DUNS (Data Universal Numbering System) 9 = DUNS (Data Universal Numbering System with 4 digit suffix) ZZZ = Mutually Defined
0014	Routing address	C an..14	N	Not used
S004	Date/time of preparation	M	M	
0017	Date of preparation	M n6	M n6	YYMMDD
0019	Time of preparation	M n4	M n4	HHMM
0020	Interchange control reference	M an..14	M an..14	Unique reference identifying the interchange. Created by the interchange sender. UNZ.0020 will have the same value
S005	Recipient's reference, password	C	N	
0022	Recipient's reference/password	M an..14	N	Not used
0025	Recipient's reference/password qualifier	C an2	N	Not used
0026	Application reference	C an..14	O an6	INVOIC
0029	Processing priority code	C a1	N	Not used
0031	Acknowledgement request	C n1	N	Not used
0032	Communications agreement ID	C an..35	O an..35	EANCOM
0035	Test indicator	C n1	O n1	1 = Interchange is a test

Remark:

Example:

UNB+UNOC:3+4012345000009:14+4000004000002:14+200203:1043+12345555++INVOIC+++EANCOM+1'

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Counter	No	Tag	St	MaxOcc	Level	Name
0010	3	UNH	M	1	0	Message header

		Standard	Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
UNH					
0062	Message reference number	M an..14	M an..14	12345 = 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	M		
0065	Message type	M an..6	M an..6	INVOIC	
0052	Message version number	M an..3	M an..3	D = Draft version / UN/EDIFACT Directory	
0054	Message release number	M an..3	M an..3	01B = Release 2001 - B	
0051	Controlling agency	M an..2	M an..2	UN = UN/CEFACT	
0057	Association assigned code	C an..6	R an..6	EAN011 = GS1 version control number (GS1 Code)	
0068	Common access reference	C an..35	R an..3	2.0 ALDI SOUTH Group EDI Release Number (AHEAD)	
S010	Status of the transfer	C	N		
0070	Sequence of transfers	M n..2	N	Not used	
0073	First and last transfer	C a1	N	Not used	

Remark:

Example:

UNH+12345+INVOIC:D:01B:UN:EAN011+2.0'

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0020	4	BGM	M	1	0	Beginning of message

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
BGM				
C002	Document/message name	C	R	
1001	Document name code	C an..3	R an..3	380 = Commercial invoice 381 = Credit note
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	R an..3	9 = GS1
1000	Document name	C an..35	R n3	301 = Freight invoice
C106	Document/message identification	C	R	
1004	Document identifier	C an..35	R an..16	432097 = Invoice Number assigned by document sender.
1056	Version identifier	C an..9	N	Not used
1060	Revision identifier	C an..6	N	Not used
1225	Message function code	C an..3	R n..2	9 = Original
4343	Response type code	C an..3	N	Not used

Remark:

Example:

BGM+380::9:301+432097+9'

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0030	5	DTM	M	1	1	Document Create Date

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M n3	137 = Document/message date/time
2380	Date or time or period value	C an..35	R n..8	20200210 (Invoice Date)
2379	Date or time or period format code	C an..3	R n3	102 = CCYYMMDD

Remark:
The document date is the 10th of February 2020.

Example:
DTM+137:20200210:102'

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MaxOcc = Maximum occurrence of the segment/group
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Counter	No	Tag	St	MaxOcc	Level	Name
0030	6	DTM	M	1	1	Supply Date

		Standard	Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
DTM					
C507	Date/time/period	M	M		
2005	Date or time or period function code qualifier	M an..3	M n2	35 = Delivery date/time, actual (used as supply date in this message)	
2380	Date or time or period value	C an..35	R n8	20200202 = supply date)	
2379	Date or time or period format code	C an..3	R n3	102 = CCYYMMDD = supply date 609 = YYMM = supply period	

Remark:

Example:

Example:

DTM+35:20200202:102'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
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Counter	No	Tag	St	MaxOcc	Level	Name
0070	7	FTX	O	1	1	LES Reverse Charge

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
FTX				
4451	Text subject code qualifier	M an..3	M an3	REG = Regulatory Information (for Tax puposes only)
4453	Free text function code	C an..3	N	Not used
C107	Text reference	C	R	
4441	Free text value code	M an..17	M an3	LES = Reverse Charge
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C108	Text literal	C	N	
4440	Free text value	M an..512	N	Not used
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
3453	Language name code	C an..3	N	Not used
4447	Free text format code	C an..3	N	Not used

Remark:

Example:

FTX+REG++LES '

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
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Counter	No	Tag	St	MaxOcc	Level	Name
---------	----	-----	----	--------	-------	------

0070	8	FTX	O	1	1	VAT Value added tax
------	---	------------	---	---	---	---------------------

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
FTX				
4451	Text subject code qualifier	M an..3	M an3	REG = Regulatory Information (for Tax puposes only)
4453	Free text function code	C an..3	N	Not used
C107	Text reference	C	R	
4441	Free text value code	M an..17	M an3	VAT = Value added tax
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C108	Text literal	C	N	
4440	Free text value	M an..512	N	Not used
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
3453	Language name code	C an..3	N	Not used
4447	Free text format code	C an..3	N	Not used

Remark:

Example:

FTX+REG++VAT'

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INVOIC



Counter	No	Tag	St	MaxOcc	Level	Name
	0120	SG1	C	99999	1	RFF
	0130	9	RFF	O	1	1 Original invoice number

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	IV = Original Invoice number (Reference to the Original Invoice number in case of Credit note)
1154	Reference identifier	C an..70	R an..70	INV523 = For Credit Notes (BGM.C002.1001 = 381) additional reference to the Original Invoice number is required
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+IV: INV523 '

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INVOIC



Counter	No	Tag	St	MaxOcc	Level	Name
0220		SG2	R	1	1	Buyer Address
A group of segments identifying the parties with associated information.						
0230	10	NAD	M	1	1	Name and address

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party function code qualifier	M an..3	M an2	BY = Buyer
C082	Party identification details	C	R	
3039	Party identifier	M an..35	M an..17	4099200005010 (GLN Invoice Recipient, Purchasing organisation)
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	R an..3	9 = GS1 (GLN Code) 16 = DUNS (Dun & Bradstreet) ZZZ = Mutually Defined
C058	Name and address	C	N	
3124	Name and address description	M an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
C080	Party name	C	M	
3036	Party name	M an..35	M an..35	Party Name in clear text
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3045	Party name format code	C an..3	N	Not used
C059	Street	C	R	
3042	Street and number or post office box identifier	M an..35	M an..35	Building Name/Number and Street Name
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3164	City name	C an..35	R an..35	City/Town name in clear text
C819	Country sub-entity details	C	N	
3229	Country sub-entity name code	C an..9	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used

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INVOIC



		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
3228	Country sub-entity name	C an..70	N	Not used
3251	Postal identification code	C an..17	R an..9	ZIP Code
3207	Country name code	C an..3	R an2	ISO 3166 2-Alpha Code Mandatory for tax exempts (e.g. Intra Community Trade)

Remark:

Example:

NAD+BY+4099200005010::9++COMPANY NAME+STREET 1+CITY++4062+AT'

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Counter	No	Tag	St	MaxOcc	Level	Name
0270		SG3	D	1	2	VAT ID Buyer
0280	11	RFF	M	1	2	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an2	VA = Vat Registration number
1154	Reference identifier	C an..70	R an..20	ATU 12345678
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+VA:ATU 12345678'

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INVOIC



Counter	No	Tag	St	MaxOcc	Level	Name
0220		SG2	R	1	1	Freight Forwarder Address
Freight Forwarder or Carrier can be the INVOIC Issuer						
0230	12	NAD	M	1	1	Name and address

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party function code qualifier	M an..3	M an2	FW = Freight Forwarder
C082	Party identification details	C	R	
3039	Party identifier	M an..35	M an..17	2201234567897 (For identification of parties it is recommended to use GLN)
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	R an..3	9 = GS1 (GLN Code) 16 = DUNS (Dun & Bradstreet) ZZZ = Mutually defined
C058	Name and address	C	N	
3124	Name and address description	M an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
C080	Party name	C	R	
3036	Party name	M an..35	M an..35	Party Name in clear text.
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3045	Party name format code	C an..3	N	Not used
C059	Street	C	R	
3042	Street and number or post office box identifier	M an..35	M an..35	Building Name/Number and Street Name in clear text
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3164	City name	C an..35	R an..35	City/Town name in clear text.
C819	Country sub-entity details	C	N	
3229	Country sub-entity name code	C an..9	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3228	Country sub-entity name	C an..70	N	Not used

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used

INVOIC



		Standard		Implementation	
Tag	Name	St Format	St Format	Usage / Remark	
3251	Postal identification code	C an..17	R an..9	ZIP code	
3207	Country name code	C an..3	R an2	ISO 3166 two alpha code	

Remark:

Example:

NAD+FW+2201234567897::9++FREIGHT FORWARDER+FORWARDER STRASSE+FORWARDER STADT++2770+AT'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name	
	0220	SG2	R	1	1	Freight Forwarder Address	
Freight Forwarder or Carrier can be the INVOIC Issuer							
	0250	13	FII	R	5	2	Financial institution information

		Standard		Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
FII						
3035	Party function code qualifier	M	an..3	M	an..3	RB = Receiving financial institution
C078	Account holder identification	C		C		
3194	Account holder identifier	C	an..35	R	an..35	IBAN (or Bank Account Number) DE67XXXXXXXXXXXXXX
3192	Account holder name	C	an..35	N		Not used
3192	Account holder name	C	an..35	N		Not used
6345	Currency identification code	C	an..3	N		Not used
C088	Institution identification	C		N		
3433	Institution name code	C	an..11	N		Not used
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	N		Not used
3434	Institution branch identifier	C	an..17	N		Not used
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	N		Not used
3432	Institution name	C	an..70	N		Not used
3436	Institution branch location name	C	an..70	N		Not used
3207	Country name code	C	an..3	N		Not used

Remark:

Example:

FII+RB+DE67XXXXXXXXXXXXXX'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0270		SG3	M	1	2	VAT ID Freight Forwarder
0280	14	RFF	M	1	2	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an2	VA = Vat Registration Number
1154	Reference identifier	C an..70	R an..20	ATU 12345678
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+VA:ATU 12345675'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used

INVOIC



Counter	No	Tag	St	MaxOcc	Level	Name	
	0400	SG7	R	99	1	Invoicing currency	
	0410	15	CUX	M	1	1	Currencies

		Standard		Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
CUX						
C504	Currency details	C		R		
6347	Currency usage code qualifier	M	an..3	M	n1	2 = Reference currency
6345	Currency identification code	C	an..3	R	an..3	ISO 4217 three alpha
6343	Currency type code qualifier	C	an..3	R	n1	4 = Invoicing currency
6348	Currency rate value	C	n..4	N		Not used
C504	Currency details	C		N		
6347	Currency usage code qualifier	M	an..3	N		Not used
6345	Currency identification code	C	an..3	N		Not used
6343	Currency type code qualifier	C	an..3	N		Not used
6348	Currency rate value	C	n..4	N		Not used
5402	Currency exchange rate	C	n..12	N		Not used
6341	Exchange rate currency market identifier	C	an..3	N		Not used

Remark:

Example:

CUX+2:EUR:4'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used

INVOIC



Counter	No	Tag	St	MaxOcc	Level	Name	
	1090	SG26	R	9999999	1	LIN-QTY-SG27-SG30-SG34	
	1100	16	LIN	M	1	1	Line item

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LIN				
1082	Line item identifier	C an..6	R n6	Application generated number of the item lines within the invoice.
1229	Action request/notification description code	C an..3	N	Not used
C212	Item number identification	C	N	
7140	Item identifier	C an..35	N	Not used
7143	Item type identification code	C an..3	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C829	Sub-line information	C	N	
5495	Sub-line indicator code	C an..3	N	Not used
1082	Line item identifier	C an..6	N	Not used
1222	Configuration level number	C n..2	N	Not used
7083	Configuration operation code	C an..3	N	Not used

Remark:

000010 = Line item number

Example:

LIN+000010'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
1090		SG26	R	9999999	1	LIN-QTY-SG27-SG30-SG34
1150	17	QTY	R	1	2	Invoiced quantity

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
QTY				
C186	Quantity details	M	M	
6063	Quantity type code qualifier	M an..3	M an..3	47 = Invoiced quantity
6060	Quantity	M an..35	M n..13	For Freight invoices fix 1.000 1.000 (3 decimals)
6411	Measurement unit code	C an..3	N	Not used

Remark:

Example:

QTY+47:1.000'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
1250		SG27	R	99	2	Line item amount
1260	18	MOA	M	1	2	Monetary amount

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MOA				
C516	Monetary amount	M	M	
5025	Monetary amount type code qualifier	M an..3	M an..3	203 = Line item amount
5004	Monetary amount	C n..35	R n..35	Line item amount with two decimal places. sum of all service charges
6345	Currency identification code	C an..3	N	Not used
6343	Currency type code qualifier	C an..3	N	Not used
4405	Status description code	C an..3	N	Not used

Remark:

Example:

MOA+203:400.00'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
1390		SG30	R	10	2	Freight order number
1400	19	RFF	M	1	2	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	AAU = Freight Order number
1154	Reference identifier	C an..70	R an..35	1234567 = Freight Order number
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+AAU:1234567'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
1390		SG30	O	10	2	Bill of lading
A group giving references and where necessary, their dates, relating to the line item.						
1400	20	RFF	M	1	2	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	BM = Bill of lading number
1154	Reference identifier	C an..70	R an..35	7654321 = Bill of lading number
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+BM: 7654321'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
1390		SG30	O	10	2	Voyage number
1400	21	RFF	M	1	2	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	VON=Voyage number
1154	Reference identifier	C an..70	R an..35	1419E (Voyage number)
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+VON:1419E'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used

INVOIC



Counter	No	Tag	St	MaxOcc	Level	Name
1550		SG34	R	99	2	Tax
1560	22	TAX	M	1	2	Duty/tax/fee details

		Standard		Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
TAX						
5283	Duty or tax or fee function code qualifier	M	an..3	M	an..3	7 = Tax
C241	Duty/tax/fee type	C		R		
5153	Duty or tax or fee type name code	C	an..3	R	an..3	VAT = Value added tax
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	N		Not used
5152	Duty or tax or fee type name	C	an..35	N		Not used
C533	Duty/tax/fee account detail	C		N		
5289	Duty or tax or fee account code	M	an..6	N		Not used
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	N		Not used
5286	Duty or tax or fee assessment basis value	C	an..15	N		Not used
C243	Duty/tax/fee detail	C		R		
5279	Duty or tax or fee rate code	C	an..7	N		Not used
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	N		Not used
5278	Duty or tax or fee rate	C	an..17	R	an..17	20.00 The actual rate of tax/duty.
5273	Duty or tax or fee rate basis code	C	an..12	N		Not used
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	N		Not used
5305	Duty or tax or fee category code	C	an..3	R	an..3	AE = VAT Reverse Charge Z = Zero rated goods E = Exempt from tax S = Standard rate
3446	Party tax identifier	C	an..20	N		Not used
1227	Calculation sequence code	C	an..3	N		Not used

Remark:

Example:

TAX+7+VAT+++:::20.00+S'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
2170	23	UNS	M	1	0	Section control

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNS				
0081	Section identification	M a1	M a1	S = Detail/summary section separation

Remark:

Example:

UNS+S'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
2180	24	CNT	R	10	1	Control total

		Standard	Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
CNT					
C270	Control	M	M		
6069	Control total type code qualifier	M an..3	M an..3	2 = code number of line items in message	
6066	Control total value	M n..18	M n..18	1 = number of line items in message	
6411	Measurement unit code	C an..3	N	Not used	

Remark:

Example:

CNT+2:1'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used

INVOIC



Counter	No	Tag	St	MaxOcc	Level	Name
2190		SG50	M	100	1	Total line item amount
all Amounts in SG50 and SG52 with 2 decimal places						
2200	25	MOA	M	1	1	Monetary amount

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MOA				
C516	Monetary amount	M	M	
5025	Monetary amount type code qualifier	M an..3	M an..3	79 = Total line items amount
5004	Monetary amount	C n..35	M n..35	400.00
6345	Currency identification code	C an..3	N	Not used
6343	Currency type code qualifier	C an..3	N	Not used
4405	Status description code	C an..3	N	Not used

Remark:

Example:

MOA+79:400.00'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used

INVOIC



Counter	No	Tag	St	MaxOcc	Level	Name
2190		SG50	M	100	1	Total invoice amount
2200	26	MOA	M	1	1	Monetary amount

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MOA				
C516	Monetary amount	M	M	
5025	Monetary amount type code qualifier	M an..3	M an..3	77 = Total Invoice amount (Taxable amount + Tax amount)
5004	Monetary amount	C n..35	R n..18	480.00
6345	Currency identification code	C an..3	N	Not used
6343	Currency type code qualifier	C an..3	N	Not used
4405	Status description code	C an..3	N	Not used

Remark:

Example:

MOA+77:480.00'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used

INVOIC



Counter	No	Tag	St	MaxOcc	Level	Name
2190		SG50	M	100	1	Tax Amount
2200	27	MOA	M	1	1	Monetary amount

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MOA				
C516	Monetary amount	M	M	
5025	Monetary amount type code qualifier	M an..3	M an..3	124 = Tax amount
5004	Monetary amount	C n..35	R n..35	80.00
6345	Currency identification code	C an..3	N	Not used
6343	Currency type code qualifier	C an..3	N	Not used
4405	Status description code	C an..3	N	Not used

Remark:

Example:

MOA+124:80.00'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used

INVOIC



Counter	No	Tag	St	MaxOcc	Level	Name
---------	----	-----	----	--------	-------	------

2240 **SG52** R 10 1 **Amounts per VAT rate**

A group of segments specifying taxes totals for the invoice.
Mandatory per Vat Rate

2250 28 **TAX** M 1 1 **Duty/tax/fee details**

		Standard		Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
TAX						
5283	Duty or tax or fee function code qualifier	M	an..3	M	an..3	7 = Tax
C241	Duty/tax/fee type	C		R		
5153	Duty or tax or fee type name code	C	an..3	R	an..3	VAT = Value added Tax
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	N		Not used
5152	Duty or tax or fee type name	C	an..35	N		Not used
C533	Duty/tax/fee account detail	C		N		
5289	Duty or tax or fee account code	M	an..6	N		Not used
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	N		Not used
5286	Duty or tax or fee assessment basis value	C	an..15	N		Not used
C243	Duty/tax/fee detail	C		R		
5279	Duty or tax or fee rate code	C	an..7	N		Not used
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	N		Not used
5278	Duty or tax or fee rate	C	an..17	R	an..17	The actual rate of tax/duty.
5273	Duty or tax or fee rate basis code	C	an..12	N		Not used
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	N		Not used
5305	Duty or tax or fee category code	C	an..3	R	an..3	AE = VAT Reverse Charge E = Exempt from Tax S = Standard rate Z = Zero rated Tax
3446	Party tax identifier	C	an..20	N		Not used
1227	Calculation sequence code	C	an..3	N		Not used

Remark:

Example:

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
A=Advised, N=Not used

INVOIC



TAX+7+VAT+++:::20.00+S'

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
A=Advised, N=Not used

INVOIC



Counter	No	Tag	St	MaxOcc	Level	Name
	2240	SG52	R	10	1	Amounts per VAT rate
A group of segments specifying taxes totals for the invoice. Mandatory per Vat Rate						
	2260	29 MOA	R	9	2	Total Line items amount per Vat rate

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MOA				
C516	Monetary amount	M	M	
5025	Monetary amount type code qualifier	M an..3	M an..3	79 = Total Line items amount per Vat rate
5004	Monetary amount	C n..35	R n..35	
6345	Currency identification code	C an..3	N	Not used
6343	Currency type code qualifier	C an..3	N	Not used
4405	Status description code	C an..3	N	Not used

Remark:

Example:

MOA+79:400.00'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used

INVOIC



Counter	No	Tag	St	MaxOcc	Level	Name
2240		SG52	R	10	1	Amounts per VAT rate
A group of segments specifying taxes totals for the invoice. Mandatory per Vat Rate						
2260	30	MOA	R	9	2	Tax amount per Vat Rate

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MOA				
C516	Monetary amount	M	M	
5025	Monetary amount type code qualifier	M an..3	M an..3	124 = Tax amount per Vat rate
5004	Monetary amount	C n..35	R n..18	
6345	Currency identification code	C an..3	N	Not used
6343	Currency type code qualifier	C an..3	N	Not used
4405	Status description code	C an..3	N	Not used

Remark:

Example:

MOA+124:80.00'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
2320	31	UNT	M	1	0	Message trailer

		Standard	Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
UNT					
0074	Number of segments in the message	M n..6	M n..6	The total number of segments in the message is detailed here.	
0062	Message reference number	M an..14	M an..14	The message reference number detailed here should equal the one specified in the UNH segment.	

Remark:

Example:

UNT+29+12345'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Counter	No	Tag	St	MaxOcc	Level	Name
0000	32	UNZ	M	1	0	Interchange trailer

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

Remark:

Example:

UNZ+1+12345555'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used



Example Message

No	Tag	Example
01	UNA	UNA:+.? '
02	UNB	UNB+UNOC:3+4012345000009:14+4000004000002:14+200203:1043+12345555++INV OIC+++EANCOM+1'
03	UNH	UNH+12345+INVOIC:D:01B:UN:EAN011+2.0'
04	BGM	BGM+380::9:301+432097+9'
05	DTM	DTM+137:20200210:102'
06	DTM	DTM+35:20200202:102'
07	FTX	FTX+REG++LES'
08	FTX	FTX+REG++VAT'
SG1		
09	RFF	RFF+IV:INV523'
SG2		
10	NAD	NAD+BY+4099200005010::9++COMPANY NAME+STREET 1+CITY++4062+AT'
SG3		
11	RFF	RFF+VA:AT-U12345678'
SG2		
12	NAD	NAD+FW+2201234567897::9++FREIGHT FORWARDER+FORWARDER STRASSE+FORWARDER STADT++2770+AT'
13	FII	FII+RB+DE67XXXXXXXXXXXXXX'
SG3		
14	RFF	RFF+VA:ATU 12345675'
SG7		
15	CUX	CUX+2:EUR:4'
SG26		
16	LIN	LIN+000010'
17	QTY	QTY+47:1.000'
SG27		
18	MOA	MOA+203:400.00'
SG30		
19	RFF	RFF+AAU:1234567'
SG30		

No = Consecutive segment number



No	Tag	Example
20	RFF	RFF+BM:7654321'
	SG30	
21	RFF	RFF+VON:1419E'
	SG34	
22	TAX	TAX+7+VAT+++:::20.00+S'
23	UNS	UNS+S'
24	CNT	CNT+2:1'
	SG50	
25	MOA	MOA+79:400.00'
	SG50	
26	MOA	MOA+77:480.00'
	SG50	
27	MOA	MOA+124:80.00'
	SG52	
28	TAX	TAX+7+VAT+++:::20.00+S'
29	MOA	MOA+79:400.00'
30	MOA	MOA+124:80.00'
31	UNT	UNT+29+12345'
32	UNZ	UNZ+1+12345555'

No = Consecutive segment number