



Message Implementation Guideline

INVOIC (EAN010) S3 DebitNoteMSH_EN

based on

INVOIC

Invoice message

EANCOM® 2002 S3

Version: 2002
Variant: EAN
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INVOIC Invoice message
Message Structure Chart

UNA	1	C	1	- Service string advice
UNB	2	M	1	- Interchange header

Invoice Heading Section

UNH	3	M	1	- Message header
BGM	4	M	1	- Beginning of message
DTM	5	M	35	- Date/time/period
FTX	6	C	99	- Free text
SG1		C	99999	- RFF-DTM
RFF	7	M	1	- Reference
DTM	8	C	5	- Date/time/period
SG2		C	99	- NAD-SG3-SG5
NAD	9	M	1	- Name and address
SG3		C	9999	- RFF
RFF	10	M	1	- Reference
SG5		C	5	- CTA-COM
CTA	11	M	1	- Contact information
COM	12	C	5	- Communication contact
SG6		C	5	- TAX-MOA
TAX	13	M	1	- Duty/tax/fee details
MOA	14	C	1	- Monetary amount
SG7		C	99	- CUX
CUX	15	M	1	- Currencies

Invoice Detail Section

SG26		C	9999999	- LIN-PIA-IMD-QTY-ALI-SG27-SG29-SG30-SG34-SG39
LIN	16	M	1	- Line item
PIA	17	C	25	- Additional product id
IMD	18	C	99	- Item description
QTY	19	C	5	- Quantity
ALI	20	C	5	- Additional information
SG27		C	99	- MOA
MOA	21	M	1	- Monetary amount
SG29		C	25	- PRI
PRI	22	M	1	- Price details
SG30		C	10	- RFF-DTM
RFF	23	M	1	- Reference
DTM	24	C	5	- Date/time/period
SG34		C	99	- TAX
TAX	25	M	1	- Duty/tax/fee details
SG39		C	30	- ALC-SG42
ALC	26	M	1	- Allowance or charge
SG42		C	2	- MOA
MOA	27	M	1	- Monetary amount

Invoice Summary Section

UNS	28	M	1	- Section control
SG50		M	100	- MOA
MOA	29	M	1	- Monetary amount
SG52		C	10	- TAX-MOA

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

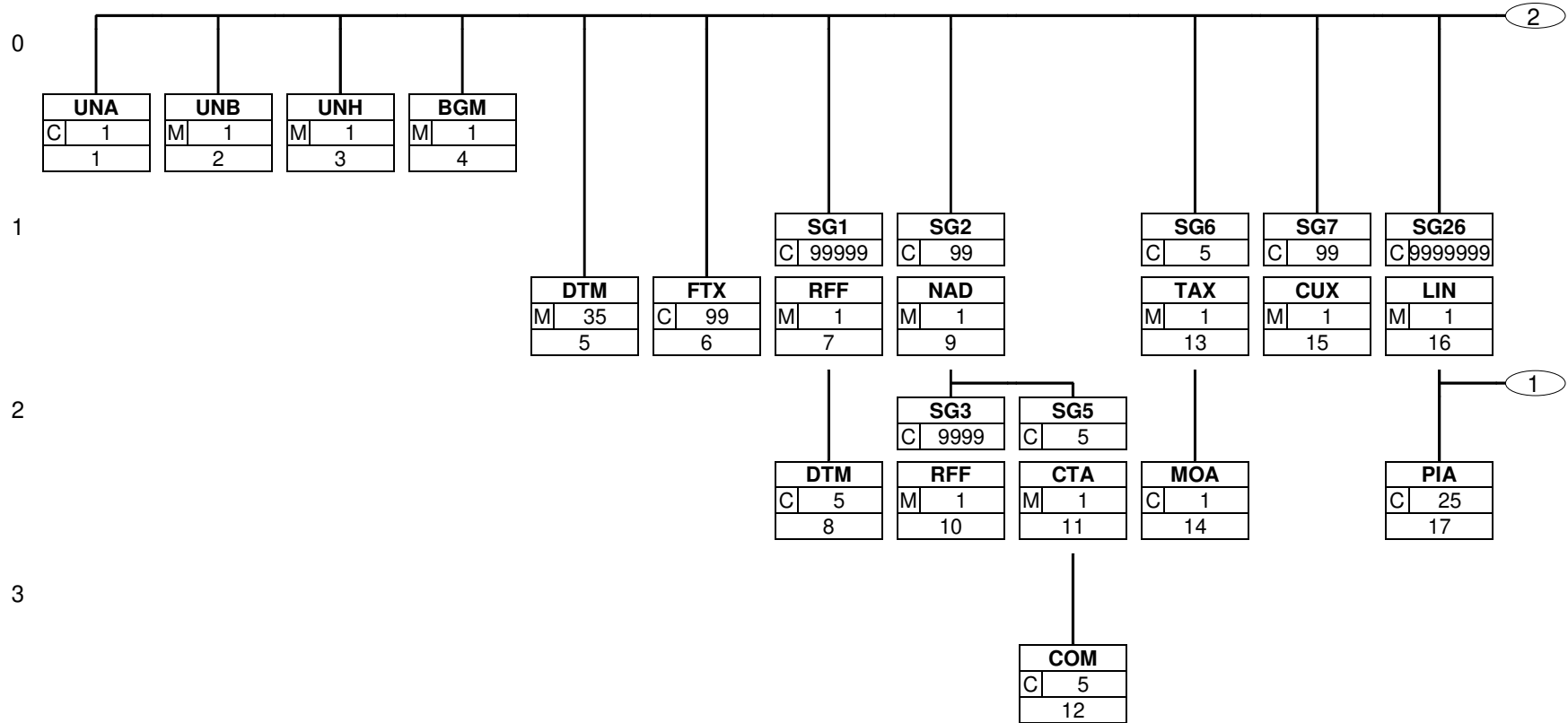
INVOIC Invoice message
Message Structure Chart

TAX	30	M	1	- Duty/tax/fee details
MOA	31	C	9	- Monetary amount
UNT	32	M	1	- Message trailer
UNZ	33	M	1	- Interchange trailer

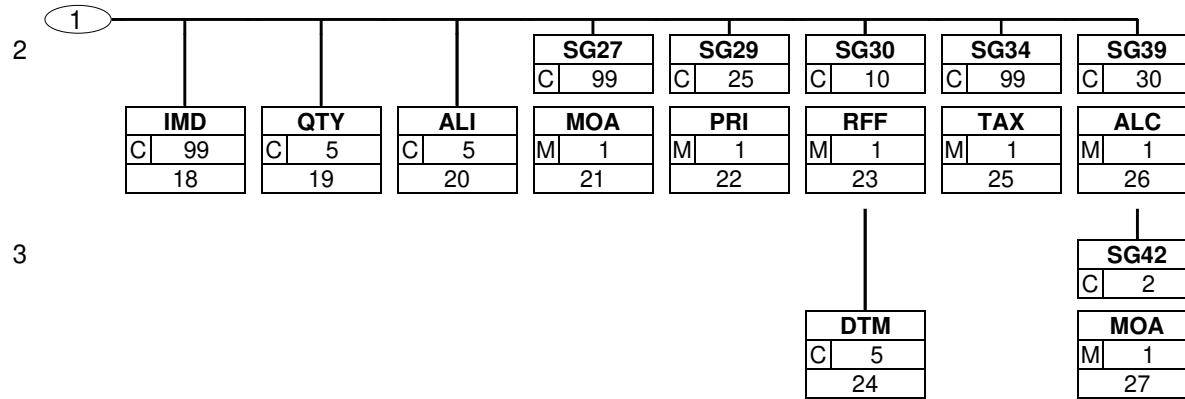
St = Status

EDIFACT: M=Mandatory, C=Conditional

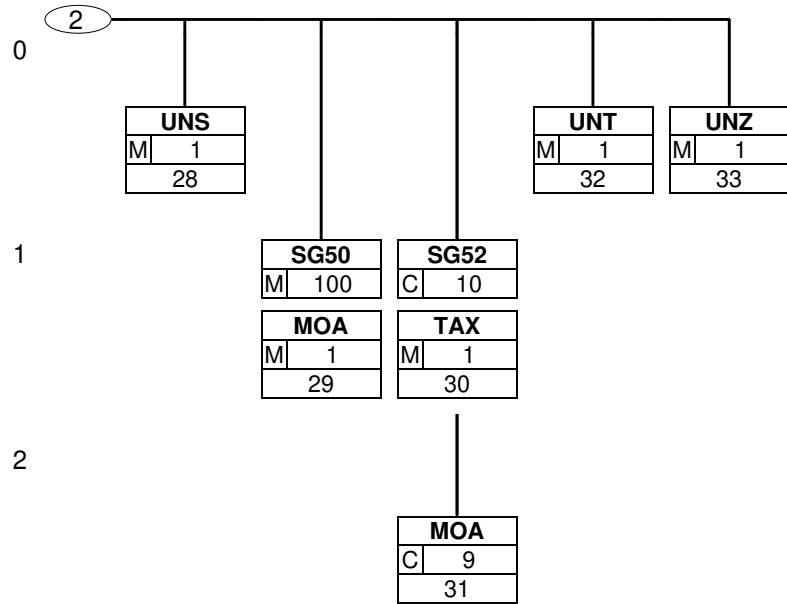
User specific: R=Required, O=Optional, D=Dependent, A=Advised, N=Not used, X=Not used



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



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



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

Segment number: 1

UNA - C 1 - Service string advice					
Function: To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows.					
EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
UNA1	Component data element separator	M an1	M	*	Used = as a separator between component data elements contained within a composite data element (default value: ".")
UNA2	Data element separator	M an1	M	*	Used = to separate two simple or composite data elements (default value: "+")
UNA3	Decimal notation	M an1	M	*	Used = to indicate the character used for decimal notation (default value: ".")
UNA4	Release indicator	M an1	M	*	Used = to restore any service character to its original specification (value: "?") .
UNA5	Reserved for future use	M an1	M	*	= (default value : space)
UNA6	Segment terminator	M an1	M	*	Used = to indicate the end of segment data (default value : ')

Segment Notes:

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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Segment Details

Segment number: 2

UNB - M 1 - Interchange header					
Function: To start, identify and specify an interchange.					
EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
S001	SYNTAX IDENTIFIER	M	M		
0001	Syntax identifier	M a4	M	*	UNOC = UN/ECE level C UNOD = UN/ECE level D UNOE = UN/ECE level E UNOF = UN/ECE level F The recommended (default) character set for use in EANCOM® for international exchanges is character set A (UNOA). Should users wish to use character sets other than A, an agreement on which set to use should be reached on a bilateral basis before communications begin. Syntax ISO Standard Languages UNOC 8859 - 1 German, English, Italian, Portuguese, Swedish, Spain UNOD 8859 - 2 Poland, Hungary UNOE 8859 - 5 Russian UNOF 8859 - 7 Greek
0002	Syntax version number	M n1	M	*	3 = Version 3
S002	INTERCHANGE SENDER	M	M		
0004	Sender identification	M an..35	M		GLN (n13) Format n13 Within EANCOM® the use of the Global Location Number (GLN), is recommended for the identification of the interchange sender and recipient.
0007	Partner identification code qualifier	C an..4	R	*	14 = EAN International
S003	INTERCHANGE RECIPIENT	M	M		
0010	Recipient identification	M an..35	M		GLN (n13) Format n13 Within EANCOM® the use of the Global Location Number (GLN), is recommended for the identification of the interchange sender and recipient.
0007	Partner identification code qualifier	C an..4	R	*	14 = EAN International
S004	DATE/TIME OF PREPARATION	M	M		The date and time specified in this composite should be the date and time at which the inter-

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Segment number: 2

EDIFACT			EAN	
Tag	Name	St/Format	St	* Usage
				change sender prepared the interchange. This date and time may not necessarily be the same as the date and time of contained messages.
0017	Date of preparation	M n6	M	YYMMDD
0019	Time of preparation	M n4	M	HHMM
0020	Interchange control reference	M an..14	M	Unique reference identifying the interchange. Created by the interchange sender.
0026	Application reference	C an..14	O	Message identification if the interchange contains only one type of message. This data element is used to identify the application, on the interchange recipient's system, to which the interchange is directed. This data element may only be used if the interchange contains only one type of message, (e.g. only invoices). The reference used in this data element is assigned by the interchange sender.
0035	Test indicator	C n1	O	1 = Interchange is a test empty = Production

Segment Notes:

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. The principle of the UNB segment is the same as a physical envelope which covers one or more letters or documents, and which details, both the address where delivery is to take place and the address from where the envelope has come.

Example:

UNB+UNOC:3+5412345678908:14+8798765432106:14+20020102:1000+12345555++++EANCOMREF 52'

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Segment number: 3

UNH - M 1 - Message header					
Function: To head, identify and specify a message.					
EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
0062	Message reference number	M 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	M		
0065	Message type	M an..6	M	*	INVOIC = Invoice message
0052	Message version number	M an..3	M	*	D = Draft version/UN/EDIFACT Directory
0054	Message release number	M an..3	M	*	01B = Release 2001 - B
0051	Controlling agency	M an..2	M	*	UN = UN/CEFACT
0057	Association assigned code	C an..6	R	*	EAN010 = EAN version control number (EAN Code) Indicates that the message is the EANCOM version 010 of the UNSM Invoice.
Segment Notes: This segment is used to head, identify and specify a message. DE's 0065, 0052, 0054, and 0051: Indicate that the message is a UNSM Invoice based on the D.01B directory under the control of the United Nations. Example: UNH+1+INVOIC:D:01B:UN:EAN010'					

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Segment number: 4

BGM - M 1 - Beginning of message					
Function: To indicate the type and function of a message and to transmit the identifying number.					
EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
C002	DOCUMENT/MESSAGE NAME	C	R		
1001	Document name code	C an..3	R	*	261 = Self billed credit note 380 = Commercial invoice 381 = Credit note - goods and services 383 = Debit note - goods and services
1000	Document name	C an..35	O		"null" = Quantity and price discrepancy IR = Debit note for return WK = Debit note for advertising allowance BN = Debit note for bonus SV = Service quantity and price discrepancy LW = Stock protection
C106	DOCUMENT/MESSAGE IDENTIFICATION	C	R		
1004	Document identifier	C an..35	R		Invoice Number assigned by document sender.
1225	Message function code	C an..3	R	*	9 = Original 9 = Original - An indication to the receiver that this invoice is an original invoice, i.e., not a replacement or duplicate.
Segment Notes: This segment is used to indicate the type and function of a message and to transmit the identifying number. Example: BGM+380:::SV+432097+9' This example identifies the document as being an original commercial invoice using the code value 380. The document has the reference number 432097.					

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Segment Details

Segment number: 5

DTM - M 35 - Date/time/period					
Function: To specify date, and/or time, or period.					
EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
C507	DATE/TIME/PERIOD	M	M		
2005	Date or time or period function code qualifier	M an..3	M	*	137 = Document/message date/time 454 = Accounting value date Dependency Notes: If there is a legal requirement to have the date of creation of the invoice from the accounting application system specified, then additionally code value '454' should be used. 454 stands here for the accounting date (SAP) of this INVOIC
2380	Date or time or period value	C an..35	R		
2379	Date or time or period format code	C an..3	R		102 = CCYYMMDD
<p>Segment Notes:</p> <p>This segment is used to specify the date or period of the invoice. It may also be used to specify the date on which the goods were despatched, delivered, or received.</p> <p>DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in an EANCOM message.</p> <p>Example: DTM+137:20021008:102' The document date is the 8th of October 2002.</p>					

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Segment Details

Segment number: 6

FTX - C 99 - Free text					
Function: To provide free form or coded text information.					
EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
4451	Text subject code qualifier	M an..3	M		AAI = General information REG = Regulatory information = REG is the qualifier in case of tax exemption. Possible values for C107.4441 are then "IGL" or "RCH"
C107	TEXT REFERENCE	C	C		
4441	Free text value code	M an..17	M		In = case of FTX 4451 = REG possible values are "IGL" or "RCH". In case of some mobile service invoices it is also possible that there is a combination of "RCH" with an in country internal supplier is possible.
3055	Code list responsible agency code	C an..3	C		92 = Assigned by buyer or buyer's agent 246 = DE, Centrale fuer Coorganisation GMBH
C108	TEXT LITERAL	C	D		This composite is only used if coded text can not be used.
4440	Free text value	M an..512	M		Place for some general information (4441 = AAI).
<p>Segment Notes:</p> <p>This segment is used to provide free form or coded text information which applies to the complete invoice message. Use of this segment in free form is not recommended since in most cases it inhibits automatic processing of the Invoice. Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission and processing overheads. Standard texts should be mutually defined among trading partners and can be used to cover legal and other requirements.</p> <p>Example: FTX+AAI+++MESSAGE HERE' FTX+REG+++IGL'</p>					

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INVOIC
Segment Details

Invoice message

Segment number: 7

SG1	- C	99999 - RFF-DTM
RFF	- M	1 - Reference
Function: To specify a reference.		
EDIFACT		EAN
Tag	Name	St/Format
C506	REFERENCE	M
1153	Reference code qualifier	M an..3
1154	Reference identifier	C an..70
<p>Segment Notes:</p> <p>This segment is used to specify references which relate to the whole invoice, for example, Purchase Order Numbers, Delivery Numbers, etc. If the document type is a credit note the invoice to which it relates may need to be specified. This is done using the 'IV' qualifier for DE 1153.</p> <p>Example: RFF+IV:2554125'</p>		

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Segment number: 8

SG1	- C	99999 - RFF-DTM
DTM	- C	5 - Date/time/period
Function: To specify date, and/or time, or period.		
EDIFACT		EAN
Tag	Name	St/Format
C507	DATE/TIME/PERIOD	M
2005	Date or time or period function code qualifier	M an..3
		M * 171 = Reference date/time 322 = Accounting period Qualifier 322 is used for the accounting period of the invoice number (SG1 RFF C506.1153 = IV in combination with SG1 DTM C507.2379 = 102), Qualifier 171 is used for the consignee's invoice number (SG1 C506.1153 = ALK in combination with SG1 DTM C507.2379 = 602).
2380	Date or time or period value	C an..35
2379	Date or time or period format code	C an..3
		R 102 = CCYYMMDD 602 = CCYY
Segment Notes: This segment is used to specify any dates related to the references given in the previous RFF segment. Example: DTM+171:20020804:102' DTM+322:2012:602'		

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INVOIC
Segment Details

Invoice message



Segment number: 9

SG2	- C	99 - NAD-SG3-SG5	
NAD	- M	1 - Name and address	
Function:			
To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.			
EDIFACT		EAN	
Tag	Name	St/Format	St * Usage
3035	Party function code qualifier	M an..3	M BY = Buyer SU = Supplier DP = Delivery party (SCE) Mandatory for RU: SE = Seller Buyer is always a MediaSaturn organization. Qualifier SE instead of SU is to be used in Russia.
C082	PARTY IDENTIFICATION DETAILS	C	A
3039	Party identifier	M an..35	M For identification of parties it is recommended to use GLN - Format n13.
3055	Code list responsible agency code	C an..3	R * 9 = EAN (International Article Numbering association) 91 = Assigned by supplier or supplier's agent
C080	PARTY NAME	C	D
3036	Party name	M an..35	D Mandatory for ES, HU and CH: Party Name in clear text.
3036	Party name	C an..35	O Mandatory for ES, HU and CH: Name (2) in clear text.
C059	STREET	C	D
3042	Street and number or post office box identifier	M an..35	D Mandatory for ES, HU and CH: Building Name/Number and Street Name
3164	City name	C an..35	D Mandatory for ES, HU and CH: City/Town name, clear text
3251	Postal identification code	C an..17	D Mandatory for ES, HU and CH: Postal Code
3207	Country name code	C an..3	D Mandatory for ES, HU and CH: ISO 3166 two alpha code for the country
Segment Notes:			
This segment is used to identify the trading parties involved in the invoice process. Identification of the buyer and supplier of goods and services is mandatory in the Invoice. Additionally, the issuer of the invoice and the invoicee must be identified if different from the buying and supplying parties. The consignee or delivery party needs to be specified if different to the buyer's address.			

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INVOIC

Invoice message

MEDIA-SATURN

T. Services GmbH

Segment Details

Segment number: 9

Example:

NAD+BY+5412345000020::9'

NAD+SU+4012345500004::9'

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INVOIC (EAN010) S3
DebitNoteMSH_EN; 2002; EAN

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Segment Details

Segment number: 10

SG2	- C	99 - NAD-SG3-SG5	
SG3	- C	9999 - RFF	
RFF	- M	1 - Reference	
Function: To specify a reference.			
EDIFACT		EAN	
Tag	Name	St/Format	St * Usage
C506	REFERENCE	M	M
1153	Reference code qualifier	M an..3	M *
			YC1 = Additional party identification (EAN Code) CT = Contract number VA = VAT registration number FC = Fiscal number Mandatory for PT (instead of FC): ALV = Registered capital reference TRB = Tribunal place registration number (EAN Code) Mandatory for RU (instead of FC): XA = Company/place registration number YC1 is the MediaSaturn internal supplier id CT is the EDI contract number of the supplier FC is the IBLC number for the country Luxemburg
1154	Reference identifier	C an..70	R
Segment Notes: This segment is used to specify reference numbers related to the party identified in the previous NAD segment. Example: RFF+VA:VR12345'			

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Segment Details

Segment number: 11

SG2	- C	99 - NAD-SG3-SG5
SG5	- C	5 - CTA-COM
CTA	- M	1 - Contact information

Function:

To identify a person or a department to whom communication should be directed.

EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
3139	Contact function code	C an..3	R		IC = Information contact
C056	DEPARTMENT OR EMPLOYEE DETAILS	C	C		
3412	Department or employee name	C an..35	O		

Segment Notes:

This segment is used to identify the department and/or person within the party specified in the NAD.
 The Global Location Number GLN - Format n13 - is particularly suitable for this purpose.
 CTA+IC+:MARK CARTER'

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Segment Details

Segment number: 12

SG2	- C	99 - NAD-SG3-SG5			
SG5	- C	5 - CTA-COM			
COM	- C	5 - Communication contact			
Function:					
To identify a communication number of a department or a person to whom communication should be directed.					
EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
C076	COMMUNICATION CONTACT	M	M		
3148	Communication address identifier	M an..512	M		
3155	Communication address code qualifier	M an..3	M		TE = Telephone
Segment Notes:					
This segment is used to identify the communications number and the type of communications used for the department person identified in the CTA segment.					
Example:					
COM+00448132445322:TE'					

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Segment Details

Segment number: 13

SG6	- C	5 - TAX-MOA
TAX	- M	1 - Duty/tax/fee details
Function: To specify relevant duty/tax/fee information.		
EDIFACT		EAN
Tag	Name	St/Format
5283	Duty or tax or fee function code qualifier	M an..3
		M
		7 = Tax
C241	DUTY/TAX/FEE TYPE	C
		C
5153	Duty or tax or fee type name code	C an..3
		C
		VAT = Value added tax
C243	DUTY/TAX/FEE DETAIL	C
		C
5278	Duty or tax or fee rate	C an..17
		R
		The actual rate of tax/duty.
5305	Duty or tax or fee category code	C an..3
		D
		S = Standard rate E = Exempt from tax Z = Zero rated goods AE = VAT Reverse Charge
Segment Notes: This segment is used to indicate the type, category, and rate of tax for the complete invoice. Example: TAX+7+VAT+++:::19+S'		
Dependency Notes: DE C241 and 5305: Tax types and categories will vary from country to country. They should be defined by national guidelines.		

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Segment Details

Segment number: 14

SG6	- C	5 - TAX-MOA	
MOA	- C	1 - Monetary amount	
Function: To specify a monetary amount.			
EDIFACT		EAN	
Tag	Name	St/Format	St * Usage
C516	MONETARY AMOUNT	M	M
5025	Monetary amount type code qualifier	M an..3	M 124 = Tax amount
5004	Monetary amount	C n..35	C Tax amount (SCE)
Segment Notes:			

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INVOIC
Segment Details

Invoice message

Segment number: 15

SG7	- C	99 - CUX		
CUX	- M	1 - Currencies		
Function: To specify currencies used in the transaction and relevant details for the rate of exchange.				
EDIFACT		EAN		
Tag	Name	St/Format	St	* Usage
C504	CURRENCY DETAILS	C	R	
6347	Currency usage code qualifier	M an..3	M	* 2 = Reference currency
6345	Currency identification code	C an..3	R	ISO 4217 three alpha
6343	Currency type code qualifier	C an..3	R	* 4 = Invoicing currency
Segment Notes: This segment is used to specify currency information for the complete invoice. The CUX Segment is mandatory for international exchanges. CUX+2:EUR:4'				

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Segment Details

Segment number: 16

SG26 - C 9999999 - LIN-PIA-IMD-QTY-ALI-SG27-SG29-SG30-SG34-SG39					
LIN - M 1 - Line item					
Function: To identify a line item and configuration.					
EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
1082	Line item identifier	C an..6	R		Application generated number of the item lines within the invoice.
C212	ITEM NUMBER IDENTIFICATION	C	D		This composite is only used for the identification of EAN/UPC codes. If another coding structure is required, e.g., HIBC, this composite will not be used and the code will be detailed in the PIA segment.
7140	Item identifier	C an..35	R		Format n..14. EAN / GTIN, supplier's product number or MSH product id
7143	Item type identification code	C an..3	R	*	SRV = EAN.UCC Global Trade Item Number SA = Supplier's article number IN = Buyer's item number
Segment Notes: This segment is used to identify the item being invoiced. If Global Trade Item Numbers are available it is mandatory to use GTIN within the LIN segment. Example: LIN+1+++4000862141404:SRV' Priority: 1) EAN/GTIN, 2) supplier's product number, 3) MSH product id					

* = Restricted Codes

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

INVOIC
Segment Details

Invoice message

MEDIA-SATURN

T. Services GmbH

Segment number: 17

SG26 - C 9999999 - LIN-PIA-IMD-QTY-ALI-SG27-SG29-SG30-SG34-SG39					
PIA - C 25 - Additional product id					
Function: To specify additional or substitutional item identification codes.					
EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
4347	Product identifier code qualifier	M an..3	M	*	1 = Additional identification Product Id function coded has the following restricted coded functions: 1 - Additional Identification - To provide an additional identity for the product identified in the LIN segment. The additional identification can consist of :
C212	ITEM NUMBER IDENTIFICATION	M	M		
7140	Item identifier	C an..35	R		
7143	Item type identification code	C an..3	R		IN = Buyer's item number SA = Supplier's article number
3055	Code list responsible agency code	C an..3	D		91 = Assigned by supplier or supplier's agent 92 = Assigned by buyer or buyer's agent
Segment Notes: This segment is used to specify additional or substitutional item identification codes such as a buyer's or supplier's item number. Examples: PIA+1+12046:SA::91' PIA+1+1256727:IN::92'					

* = Restricted Codes

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

Segment Details

Segment number: 18

SG26	- C	9999999	- LIN-PIA-IMD-QTY-ALI-SG27-SG29-SG30-SG34-SG39	
IMD	- C	99	- Item description	
Function:				
To describe an item in either an industry or free format.				
EDIFACT			EAN	
Tag	Name	St/Format	St	* Usage
7077	Description format code	C an..3	O	* F = Free-form
C273	ITEM DESCRIPTION	C	C	
7008	Item description	C an..256	M	
Segment Notes:				
<p>This segment is used to provide a description for the current line item. It is recommended that this segment only be used for coded descriptions. Data element 7008 in clear text should only be used when no product code is available or when free-form descriptions are required by trading partners to communicate basic product descriptions. EAN International recommends that free text product description be provided in the EANCOM price/sales catalogue (PRICAT) and there after referred to using a GTIN. If you wish to indicate that promotional details are marked on the package, then this should be indicated in DE 7233 in the PAC segment. IMD+F++:::012046 NYLON BAG 192CD SCH"</p>				

* = Restricted Codes

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

Segment number: 19

SG26 - C 9999999 - LIN-PIA-IMD-QTY-ALI-SG27-SG29-SG30-SG34-SG39				
QTY - C 5 - Quantity				
Function: To specify a pertinent quantity.				
EDIFACT			EAN	
Tag	Name	St/Format	St	* Usage
C186	QUANTITY DETAILS	M	M	
6063	Quantity type code qualifier	M an..3	M	* 46 = Delivered quantity 47 = Invoiced quantity 61 = Return quantity 119 = Short shipped The usage of the different Quantity qualifiers (C186.6063) depends on the document type (BGM C002.1000): (document type) --> C186.6063 IR or LW: --> 61 BN or WK --> 47 SV or "null" --> 46, 47 and 119
6060	Quantity	M an..35	M	
6411	Measurement unit code	C an..3	C	PCE = Piece (EAN Code)
Segment Notes: This segment is used to specify quantities related to the current line item. Example: QTY+47:40:PCE'				

* = Restricted Codes

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

Segment Details

Segment number: 20

SG26	- C	9999999	- LIN-PIA-IMD-QTY-ALI-SG27-SG29-SG30-SG34-SG39			
ALI	- C	5	- Additional information			
Function:						
To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.						
EDIFACT			EAN			
Tag	Name	St/Format	St	*	Usage	
3239	Country of origin name code	C an..3	O		Use ISO 3166 two alpha country code.	
Segment Notes:						
This segment is used to indicate special conditions or the country of origin of the current line item.						
Example:						
ALI+DE'						

* = Restricted Codes

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

Segment Details

Segment number: 21

SG26	- C	9999999	- LIN-PIA-IMD-QTY-ALI-SG27-SG29-SG30-SG34-SG39
SG27	- C	99	- MOA
MOA	- M	1	- Monetary amount

Function:

To specify a monetary amount.

EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
C516	MONETARY AMOUNT	M	M		
5025	Monetary amount type code qualifier	M an..3	M		203 = Line item amount 79 = Total line items amount (SCE)
5004	Monetary amount	C n..35	R		

Segment Notes:

This segment is used to specify monetary amounts related to the current line item.
Item Amount = Quantity * Unit Net Price

Example:

MOA+203:580.10'

This example shows the line item amount as 580. This figure is derived from multiplying the invoiced quantity, 40, by the price 14.50.

* = Restricted Codes

St = Status

EDIFACT: M=Mandatory, C=Conditional

User specific: R=Required, O=Optional, D=Dependent,

A=Advised, N=Not used, X=Not used

Segment Details

Segment number: 22

SG26	- C	9999999	- LIN-PIA-IMD-QTY-ALI-SG27-SG29-SG30-SG34-SG39	
SG29	- C	25	- PRI	
PRI	- M	1	- Price details	
Function:				
To specify price information.				
EDIFACT			EAN	
Tag	Name	St/Format	St	* Usage
C509	PRICE INFORMATION	C	R	
5125	Price code qualifier	M an..3	M	<p>AAA = Calculation net</p> <p>AAA - The price stated is the net price including all allowances and charges and excluding taxes. Allowances and charges may be stated for information purposes only.</p>
5118	Price amount	C n..15	R	
5387	Price specification code	C an..3	O	<p>EUP = Expected unit price</p> <p>The qualifier EUP only appears if the element BGM C002.1000 is (null) or "SV". and only in cases of price differences</p>
Segment Notes:				
This segment is used to specify price information for the current line item.				
PRI+AAA:14.50:EUP'				
Net price of 14.50 (excluding tax) to be used for calculation purposes. This price includes all allowances and charges.				
The price is a catalogue price.				

* = Restricted Codes

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

Segment Details

Segment number: 23

SG26	- C	9999999	- LIN-PIA-IMD-QTY-ALI-SG27-SG29-SG30-SG34-SG39	
SG30	- C	10	- RFF-DTM	
RFF	- M	1	- Reference	
Function: To specify a reference.				
EDIFACT			EAN	
Tag	Name	St/Format	St	* Usage
C506	REFERENCE	M	M	
1153	Reference code qualifier	M an..3	M	ABT = Customs declaration number DQ = Delivery note number ALQ = Returns notice number LI = Line item reference number ON = Order number (buyer)
1154	Reference identifier	C an..70	R	
Segment Notes: This segment is used to provide references specific to the line item, and overrides any global references provided in the heading section of the invoice when the same qualifier is used. Example: RFF+DQ:8306'				

* = Restricted Codes

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

Segment Details

Segment number: 24

SG26	- C	9999999	- LIN-PIA-IMD-QTY-ALI-SG27-SG29-SG30-SG34-SG39	
SG30	- C	10	- RFF-DTM	
DTM	- C	5	- Date/time/period	
Function:				
To specify date, and/or time, or period.				
EDIFACT			EAN	
Tag	Name	St/Format	St	* Usage
C507	DATE/TIME/PERIOD	M	M	
2005	Date or time or period function code qualifier	M an..3	M	* 50 = Goods receipt date/time
2380	Date or time or period value	C an..35	R	
2379	Date or time or period format code	C an..3	R	102 = CCYYMMDD
Segment Notes:				
This segment is used to specify dates and times pertinent to the previous RFF segment.				
Example:				
DTM+50:20020802:102'				

* = Restricted Codes

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

Segment Details

Segment number: 25

SG26	- C	9999999	- LIN-PIA-IMD-QTY-ALI-SG27-SG29-SG30-SG34-SG39	
SG34	- C	99	- TAX	
TAX	- M	1	- Duty/tax/fee details	
Function:				
To specify relevant duty/tax/fee information.				
EDIFACT			EAN	
Tag	Name	St/Format	St	* Usage
5283	Duty or tax or fee function code qualifier	M an..3	M	7 = Tax
C241	DUTY/TAX/FEE TYPE	C	C	
5153	Duty or tax or fee type name code	C an..3	C	VAT = Value added tax
C243	DUTY/TAX/FEE DETAIL	C	C	
5278	Duty or tax or fee rate	C an..17	R	The actual rate of tax/duty.
5305	Duty or tax or fee category code	C an..3	D	S = Standard rate E = Exempt from tax Z = Zero rated goods AE = VAT Reverse Charge
Segment Notes:				
This segment is used to specify tax details for the line item being invoiced. TAX+7+VAT+++:::19+S'				
Dependency Notes:				
DE C241 and 5305: Tax types and categories will differ from country to country. They are to be defined by national guidelines.				

* = Restricted Codes

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

Segment Details

Segment number: 26

SG26	- C	9999999	- LIN-PIA-IMD-QTY-ALI-SG27-SG29-SG30-SG34-SG39	
SG39	- C	30	- ALC-SG42	
ALC	- M	1	- Allowance or charge	
Function:				
To identify allowance or charge details.				
EDIFACT			EAN	
Tag	Name	St/Format	St	* Usage
5463	Allowance or charge code qualifier	M an..3	M	C = Charge
C552	ALLOWANCE/CHARGE INFORMATION	C	O	
1230	Allowance or charge identifier	C an..35	D	Code from list (provided by Media Saturn) of the charge agreed e.g. "PT_9", "ES_10"
1227	Calculation sequence code	C an..3	C	1 = First step of calculation
C214	SPECIAL SERVICES IDENTIFICATION	C	C	
1131	Code list identification code	C an..17	O	ZZZ = Mutually defined
3055	Code list responsible agency code	C an..3	D	92 = Assigned by buyer or buyer's agent
7160	Special service description	C an..35	C	Description of the charge.
7160	Special service description	C an..35	C	Description of the charge agreed
Segment Notes:				
This segment is used to specify any allowances or charges which apply only to the line item being invoiced.				
ALC+C+++1+:ZZZ:92:PT_9:6F22'				

* = Restricted Codes

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

Segment Details

Segment number: 27

SG26	- C	9999999	- LIN-PIA-IMD-QTY-ALI-SG27-SG29-SG30-SG34-SG39
SG39	- C	30	- ALC-SG42
SG42	- C	2	- MOA
MOA	- M	1	- Monetary amount

Function:

To specify a monetary amount.

EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
C516	MONETARY AMOUNT	M	M		
5025	Monetary amount type code qualifier	M an..3	M		8 = Allowance or charge amount
5004	Monetary amount	C n..35	R		

Segment Notes:

This segment is used to specify monetary allowances/charges for the line item being invoiced.

Example:

MOA+8:12.20'

* = Restricted Codes

St = Status

EDIFACT: M=Mandatory, C=Conditional

User specific: R=Required, O=Optional, D=Dependent,

A=Advised, N=Not used, X=Not used

Segment number: 28

UNS - M 1 - Section control					
Function: 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.					
EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
0081	Section identification	M a1	M	*	S = Detail/summary section separation
Segment Notes: This segment is used to identify the break between the message detail and message trailer sections.					
Example: UNS+S'					

* = Restricted Codes

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

Segment Details

Segment number: 29

SG50	- M	100 - MOA			
MOA	- M	1 - Monetary amount			
Function: To specify a monetary amount.					
EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
C516	MONETARY AMOUNT	M	M		
5025	Monetary amount type code qualifier	M an..3	M		77 = Invoice amount 79 = Total line items amount 124 = Tax amount 125 = Taxable amount
5004	Monetary amount	C n..35	R		
Segment Notes: This segment is used to detail prepaid amounts, or total monetary values due for the entire invoice. Example: MOA+79:45612.20'					

* = Restricted Codes

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

Segment Details

Segment number: 30

SG52	- C	10 - TAX-MOA
TAX	- M	1 - Duty/tax/fee details
Function: To specify relevant duty/tax/fee information.		
EDIFACT		EAN
Tag	Name	St/Format
5283	Duty or tax or fee function code qualifier	M an..3
		M
		7 = Tax
C241	DUTY/TAX/FEE TYPE	C
		C
5153	Duty or tax or fee type name code	C an..3
		C
		VAT = Value added tax
C243	DUTY/TAX/FEE DETAIL	C
		C
5278	Duty or tax or fee rate	C an..17
		R
		The actual rate of tax/duty.
5305	Duty or tax or fee category code	C an..3
		C
		S = Standard rate E = Exempt from tax Z = Zero rated goods
Segment Notes: This segment is used to specify the total taxes or duties due on the complete invoice. Example: TAX+7+VAT++++:::19+S'		

* = Restricted Codes

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

Segment Details

Segment number: 31

SG52	- C	10 - TAX-MOA			
MOA	- C	9 - Monetary amount			
Function: To specify a monetary amount.					
EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
C516	MONETARY AMOUNT	M	M		
5025	Monetary amount type code qualifier	M an..3	M	*	79 = Total line items amount 124 = Tax amount 125 = Taxable amount
5004	Monetary amount	C n..35	R		
Segment Notes: This segment is used to specify the tax amounts due, for the tax rate specified in the TAX segment, covering the whole invoice. Example: MOA+79:65243.32'					

* = Restricted Codes

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

Segment Details

Segment number: 32

UNT - M 1 - Message trailer					
Function: To end and check the completeness of a message.					
EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
0074	Number of segments in the message	M n..6	M		The total number of segments in the message is detailed here.
0062	Message reference number	M an..14	M		The message reference number detailed here should equal the one specified in the UNH segment.
Segment Notes: This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message. Example: UNT+103+1'					

* = Restricted Codes

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

Segment Details

Segment number: 33

UNZ - M 1 - Interchange trailer					
Function: To end and check the completeness of an interchange.					
EDIFACT			EAN		
Tag	Name	St/Format	St	*	Usage
0036	Interchange control count	M n..6	M		Number of messages or functional groups within an interchange. If functional groups are used, this is the number of functional groups within the interchange. If functional groups are not used, this is the number of messages within the interchange.
0020	Interchange control reference	M an..14	M		Identical to DE 0020 in UNB segment.
Segment Notes: This segment is used to provide the trailer of an interchange. Example: UNZ+5+12345555'					

* = Restricted Codes

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

INVOIC
Sample message

Invoice message

MEDIA-SATURN

T. Services GmbH

No	Tag	Example
01	UNA	UNA:+.?'
02	UNB	UNB+UNOC:3+5412345678908:14+8798765432106:14+20020102: 1000+12345555+++++EANCOMREF 52'
03	UNH	UNH+1+INVOIC:D:01B:UN:EAN010'
04	BGM	BGM+380:::SV+432097+9'
05	DTM	DTM+137:20021008:102'
06	FTX	FTX+AAI+++MESSAGE HERE' FTX+REG+++IGL'
	SG1	
07	RFF	RFF+IV:2554125'
08	DTM	DTM+171:20020804:102' DTM+322:2012:602'
	SG2	
09	NAD	NAD+BY+5412345000020::9' NAD+SU+4012345500004::9'
	SG3	
10	RFF	RFF+VA:VR12345'
	SG5	
11	CTA	CTA+IC+:MARK CARTER'
12	COM	COM+00448132445322:TE'
	SG6	
13	TAX	TAX+7+VAT+++:::19+S'
14	MOA	
	SG7	
15	CUX	CUX+2:EUR:4'
	SG26	
16	LIN	LIN+1++4000862141404:SRV'
17	PIA	PIA+1+12046:SA::91' PIA+1+1256727:IN::92'
18	IMD	IMD+F+++:::012046 NYLON BAG 192CD SCH''
19	QTY	QTY+47:40:PCE'
20	ALI	ALI+DE'
	SG27	
21	MOA	MOA+203:580.10'
	SG29	
22	PRI	PRI+AAA:14.50:EUP'
	SG30	
23	RFF	RFF+DQ:8306'
24	DTM	DTM+50:20020802:102'
	SG34	
25	TAX	TAX+7+VAT+++:::19+S'
	SG39	
26	ALC	ALC+C+++1+:ZZZ:92:PT_9:6F22'
	SG42	
27	MOA	MOA+8:12.20'
28	UNS	UNS+S'
	SG50	
29	MOA	MOA+79:45612.20'

No = Consecutive segment number

INVOIC (EAN010) S3
DebitNoteMSH_EN; 2002; EAN

INVOIC / EANCOM® 2002 S3

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INVOIC
Sample message

Invoice message

No	Tag	Example
	SG52	
30	TAX	TAX+7+VAT+++:::19+S'
31	MOA	MOA+79:65243.32'
32	UNT	UNT+103+1'
33	UNZ	UNZ+5+12345555'

No = Consecutive segment number