Global INVOIC / VDA 4938

EDIFACT/D07A/INVOIC: INVOIC Self billing Invoic

Version: 1.0 Final

Publication:	17.11.2016
Notes:	Based on VDA 4938, Version 2.1, June 2014

Change Log

Version 1.0 - November 2016	
Segment	**Comment**
UNH|0057	Changed to Version 2.0
BGM	Removed qualifiers except of 295, 383, 403, 389
SG1	Removed segment
GEI	Removed segment
SG2|NAD	Removed NAD+IV SG2 loop
SG2|NAD	Removed NAD+II SG2 loop
SG2|NAD	Removed NAD+PE SG2 loop
SG3|RFF	Removed qualifiers XA, ADE, ANK, AHL
SG7	Removed second SG7 loop
SG8|PYT	Removed 78 from PYT|010, set 2475 and 2009 to not used
SG8|PCD	Removed qualifiers except of 12
SG8|MOA	Removed qualifier 262
SG8|MOA	Removed MOA segment with qualifier 372
SG8|FII	Removed segment FII
SG9	Removed loop
SG26|QTY	Removed QTY with qualifier 372
SG26|ALI	Removed ALI segment
SG26|DTM	Removed DTM segments with qualifiers 1, 2 and 143
SG26|GIN	Removed GIN segment
SG26|FTX	Removed FTX segment
SG27|MOA	Removed MOA+38 segments
SG29	Removed second SG29 loop
SG30|RFF	Removed qualifiers except of ON, AAU
SG34|TAX	5153 removed qualifiers except of VAT, 5305 removed qualifiers except of S and E
SG35	Removed NAD segments except of NAD+ST
SG36	Removed segment loop
SG38	Removed segment loop
SG39|ALC	Set 7161 and 3055 to not used
SG39|FTX	Removed segment
SG41-SG49	Removed segments
SG50	Removed MOA with qualifier 342 und 403
SG51	Removed segments
SG52|TAX	5153 removed qualifiers except of VAT, 5305 removed qualifiers except of S and E
SG52|MOA	Set MOA+125 from mandatory to optional
SG53|ALC	Set 7161 to not used
SG53|FTX	Removed segment

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INVOIC

Invoice message

Definition: A message claiming payment for goods or services supplied under conditions agreed between the seller and the buyer. The United Nations Standard Invoice Message, with correct data qualification, serves also as the specification for Debit Note and Credit Note messages. Throughout this document, the reference to 'Invoice' may be interpreted as conveying the wider meaning of 'Invoice/Credit Note/Debit Note'.

Heading:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage	Page
0010	UNH	Message header	M	1	N1/0010	Required	3
0020	BGM	Type of invoice and invoice number	M	1	N1/0020	Required	4
0030	DTM	Message date	M	1	N1/0030	Required	5
0040	DTM	Delivery or Service Completion Date	C	1	N1/0040	Required	6
0050	DTM	Horizon start date	C	1	N1/0050	Optional	7
0060	DTM	Horizon end date	C	1	N1/0060	Optional	8
0070	FTX	Legal info free text	C	99	N1/0070	Optional	9
0080		**Segment Group 2**	**C**	**1**	**N1/0080**	**Required**	10
0090	NAD	Buyer's Name and Address	M	1	N1/0090	Required	11
0130		**Segment Group 3**	**C**	**5**	**N1/0130**	**Optional**	13
0140	RFF	Buyer's reference number(s)	M	1	N1/0140	Required	14
0190		**Segment Group 5**	**C**	**1**	**N1/0190**	**Optional**	15
0200	CTA	Contact information	M	1	N1/0200	Required	16
0210	COM	Communication contact	C	4	N1/0210	Optional	17
0220		**Segment Group 2**	**C**	**1**	**N1/0220**	**Required**	18
0230	NAD	Seller's name and address	M	1	N1/0230	Required	19
0270		**Segment Group 3**	**C**	**5**	**N1/0270**	**Optional**	21
0280	RFF	Sellers's reference number(s)	M	1	N1/0280	Required	22
0330		**Segment Group 2**	**C**	**1**	**N1/0330**	**Optional**	23
0340	NAD	Ship-from's name and address	M	1	N1/0340	Required	24
0380		**Segment Group 3**	**C**	**2**	**N1/0380**	**Optional**	26
0390	RFF	Ship-from's reference number(s)	M	1	N1/0390	Required	27
0510		**Segment Group 7**	**C**	**1**	**N1/0510**	**Required**	28
0520	CUX	Currencies	M	1	N1/0520	Required	29
0530	DTM	Exchange rate date	C	1	N1/0530	Dependent	30
0540		**Segment Group 8**	**C**	**10**	**N1/0540**	**Optional**	31
0550	PYT	Payment terms	M	1	N1/0550	Required	32
0560	DTM	Payment due date	C	1	N1/0560	Optional	33
0570	PCD	Discount, payment or instalment percentage	C	1	N1/0570	Dependent	34
0580	MOA	Instalment or payment discount amount	C	1	N1/0580	Dependent	35

Detail:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage	Page
0590		**Segment Group 26**	**C**	**900**	**N2/0590**	**Required**	36
0600	LIN	Line item and article nuber	M	1	N2/0600	Required	37
0610	PIA	Additional article identifier(s) 1	C	1	N2/0610	Optional	38
0630	IMD	Description of article or service	C	5	N2/0630	Required	39
0650	QTY	Invoiced quantity	C	1	N2/0650	Required	40

0670	DTM	Goods receipt date	C	1	N2/0670	Optional	41
0720		**Segment Group 27**	**C**	**1**	**N2/0720**	**Required**	42
0730	MOA	Line item net amount in invoice currency	M	1	N2/0730	Required	43
0800		**Segment Group 29**	**C**	**3**	**N2/0800**	**Required**	44
0810	PRI	Price details	M	1	N2/0810	Required	45
0860		**Segment Group 30**	**C**	**10**	**N2/0860**	**Optional**	46
0870	RFF	Reference message number	M	1	N2/0870	Required	47
0880	DTM	Reference message date	C	1	N2/0880	Optional	48
1020		**Segment Group 34**	**C**	**5**	**N2/1020**	**Required**	49
1030	TAX	VAT or other tax rate	M	1	N2/1030	Required	50
1060		**Segment Group 35**	**C**	**1**	**N2/1060**	**Optional**	51
1070	NAD	Ship-to's name and address	M	1	N2/1070	Required	52
1080	LOC	Place of discharge	C	1	N2/1080	Optional	54
1090	LOC	Place of delivery or warehouse after discharge	C	1	N2/1090	Optional	55
1140		**Segment Group 39**	**C**	**10**	**N2/1140**	**Optional**	56
1150	ALC	Allowance/charge	M	1	N2/1150	Required	57

Summary:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage	Page
1210	UNS	Section control	M	1	N3/1210	Required	58
1220	CNT	Control total	C	1	N3/1220	Optional	59
1230		**Segment Group 50**	**M**	**3**	**N3/1230**	**Required**	60
1240	MOA	Invoice amount	M	1	N3/1240	Required	61
1280		**Segment Group 50**	**C**	**3**	**N3/1280**	**Dependent**	62
1290	MOA	Total taxable amount	M	1	N3/1290	Required	63
1330		**Segment Group 50**	**C**	**3**	**N3/1330**	**Required**	64
1340	MOA	Total tax amount	M	1	N3/1340	Required	65
1380		**Segment Group 50**	**C**	**3**	**N3/1380**	**Optional**	66
1390	MOA	Total line items amount (sum of net line items amounts)	M	1	N3/1390	Required	67
1430		**Segment Group 50**	**C**	**3**	**N3/1430**	**Optional**	68
1440	MOA	Payment discount amount in invoice, home or payment currency	M	1	N3/1440	Required	69
1480		**Segment Group 52**	**C**	**10**	**N3/1480**	**Optional**	70
1490	TAX	Tax type and rate	M	1	N3/1490	Required	71
1500	MOA	Tax amount in invoice currency	C	1	N3/1500	Dependent	72
1510	MOA	Taxable amount in invoice currency	C	1	N3/1510	Optional	73
1520		**Segment Group 53**	**C**	**15**	**N3/1520**	**Dependent**	74
1530	ALC	Charge	M	1	N3/1530	Required	75
1550	MOA	Charge amount	C	1	N3/1550	Optional	76
1560	UNT	Message trailer	M	1	N3/1560	Required	77

UNH Message header

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Required
Function: To head, identify and specify a message.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH010	0062	**Message reference number**	M	an	1/14	Required
		Remark: *Message reference number - unique number to identify the message within the interchange, usually a consecutive number starting with 1.*				
UNH020	S009	**MESSAGE IDENTIFIER**	M	Comp		Required
UNH020-010	0065	**Message type**	M	an	1/6	Required
		Code: INVOIC — Name: Invoice message				
UNH020-020	0052	**Message version number**	M	an	1/3	Required
		Code: D — Name: Draft version/UN/EDIFACT Directory				
UNH020-030	0054	**Message release number**	M	an	1/3	Required
		Code: 07A — Name: Release 2007 - A				
UNH020-040	0051	**Controlling agency, coded**	M	an	1/3	Required
		Code: UN — Name: UN/CEFACT				
UNH020-050	0057	**Association assigned code**	C	an	1/6	Required
		Remark: *Identification of the subset release, assigned by the responsible organisation (Odette or member organisation). The code assigend by VDA should be used for a more exact specification of the applied subset. GAVA11 Global INVOIC (Version 3) VDA Profile 1.1 (1)*				
		Code: GAVA20 — Name: VDA INVOIC Version 2.0				

Example:
UNH+1+INVOIC:D:07A:UN:GAVA20'

BGM Type of invoice and invoice number

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 3

User Option (Usage): Required
Function: To indicate the type and function of a message and to transmit the identifying number.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BGM010	C002	**DOCUMENT/MESSAGE NAME**	C	Comp		Required
BGM010-010	1001	**Document name code**	C	an	1/3	Required
		Code / Name: 295 Price variation invoice 383 Debit note 389 Self-billed invoice 403 Debit Note issued by the Buyer Selfbilled Invoice (1)				
BGM010-030	3055	**Code list responsible agency code**	C	an	1/3	Optional
		Remark: *Agency responsible for code list / identifier maintenance* Code / Name: 272 Joint Automotive Industry agency				
BGM010-040	1000	**Document name**	C	an	1/35	Optional
		Remark: *Name of the document in text*				
BGM020	C106	**DOCUMENT/MESSAGE IDENTIFICATION**	C	Comp		Required
BGM020-010	1004	**Document identifier**	C	an	1/16	Required
		Remark: *Invoice number*				
BGM030	1225	**Message function code**	C	an	1/3	Optional
		Remark: *Code indicating the function of the document.* Code / Name: 7 Duplicate 9 Original				

Example:

BGM+383+123456:1:1+9'

DTM Message date

Pos: 0030	Max: 1
Mandatory	
Group: N/A	Elements: 1

User Option (Usage): Required
Function: To specify date, and/or time, or period.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
DTM010	C507	**DATE/TIME/PERIOD**	M	Comp		Required
DTM010-010	2005	**Date or time or period function code qualifier** **Remark:** *The message date is perceived as synonym also for the invoice date.* **Code** / **Name** 137 / Document issue date time	M	an	1/3	Required
DTM010-020	2380	**Date or time or period text** **Remark:** *Date of the invoice document*	C	n	8/8	Required
DTM010-030	2379	**Date or time or period format code** **Code** / **Name** 102 / CCYYMMDD	C	an	1/3	Optional

Example:

DTM+137:20161231:102'

DTM Delivery or Service Completion Date

Pos: 0040	Max: 1
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Required
Function: To specify date, and/or time, or period.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
DTM010	C507	**DATE/TIME/PERIOD**	M	Comp		Required
DTM010-010	2005	**Date or time or period function code qualifier**	M	an	1/3	Required
		Code: 1 — Name: Service completion date/time, actual				
DTM010-020	2380	**Date or time or period text**	C	n	1/12	Required
		Remark: *Service completion date*				
DTM010-030	2379	**Date or time or period format code**	C	an	1/3	Required
		Code: 102 — Name: CCYYMMDD				

Remark:

In Europe, the invoice must contain the delivery or service date that is relevant for taxation purposes. Depending on the business process this can be the shipment date, the arrival date (receiving date) or even the consumption date.

Example:

DTM+1:20160308:102'

DTM Horizon start date

Pos: 0050	Max: 1
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Optional
Function: To specify date, and/or time, or period.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
DTM010	C507	**DATE/TIME/PERIOD**	M	Comp		Required
DTM010-010	2005	**Date or time or period function code qualifier** **Code** / **Name** 158 Horizon start date	M	an	1/3	Required
DTM010-020	2380	**Date or time or period text** **Remark:** *Horizon start date: start date of a given invoice period*	C	n	1/12	Required
DTM010-030	2379	**Date or time or period format code** **Code** / **Name** 102 CCYYMMDD	C	an	1/3	Required

Remark:

Horizon start date describes the first date of an invoicing target period forming a horizon.

Example:

DTM+158:20161201:102'

DTM Horizon end date

Pos: 0060	Max: 1
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Optional
Function: To specify date, and/or time, or period.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
DTM010	C507	**DATE/TIME/PERIOD**	M	Comp		Required
DTM010-010	2005	**Date or time or period function code qualifier** **Code** / **Name** 159 / Horizon end date	M	an	1/3	Required
DTM010-020	2380	**Date or time or period text** **Remark:** *Horizon end date: end date of a given invoice period*	C	n	1/12	Required
DTM010-030	2379	**Date or time or period format code** **Code** / **Name** 102 / CCYYMMDD	C	an	1/3	Required

Remark:

Horizon end date describes the last date of an invoicing target period forming a horizon.

Example:

DTM+159:20161231:102'

FTX Legal info free text

Pos: 0070	Max: 99
Conditional	
Group: N/A	Elements: 3

User Option (Usage): Optional
Function: To provide free form or coded text information.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
FTX010	4451	**Text subject code qualifier**	M	an	1/3	Required
		Remark: *TXD is to be used for declaring the reason for tax excemption, valid for all line items.* *REG is to be used for information required by legislation (e.g. members of the board etc.).*				
		Code / **Name** AAI General information REG Regulatory information TXD Tax declaration				
FTX040	C108	**TEXT LITERAL**	C	Comp		Required
FTX040-010	4440	**Free text**	M	an	1/256	Required
		Remark: *A line of plain, non-structured text information.*				
FTX040-020	4440	**Free text**	C	an	1/256	Optional
		Remark: *see 4440 # 1*				
FTX040-030	4440	**Free text**	C	an	1/256	Optional
		Remark: *see 4440 # 1*				
FTX040-040	4440	**Free text**	C	an	1/256	Optional
		Remark: *see 4440 # 1*				
FTX040-050	4440	**Free text**	C	an	1/256	Optional
		Remark: *see 4440 # 1*				
FTX050	3453	**Language name code**	C	an	1/3	Optional
		Remark: *Code specifying the language name. Use ISO 639-1988*				

Remark:

Free text containing information or statements as required by legal environment.

Example:

FTX+TXD+++Legal info text+en'

Segment Group 2

Pos: 0080	Repeat: 1
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Required
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0090	NAD	Buyer's Name and Address	M	1	Required
0130		Segment Group 3	C	5	Optional
0190		Segment Group 5	C	1	Optional

NAD Buyer's Name and Address

Pos: 0090	Max: 1
Mandatory	
Group: 2	Elements: 7

Loop Path: Group 2
User Option (Usage): Required
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.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	**Party function code qualifier**	M	an	1/3	Required
		Code / **Name** BY — Buyer				
NAD020	C082	**PARTY IDENTIFICATION DETAILS**	C	Comp		Required
		Remark: *All partners listed in the invoicing message are to be transmitted with the complete name and address information. Partner ID is an additional information for enabeling the automated processing and matching to internal records.*				
NAD020-010	3039	**Party identifier**	M	an	1/35	Required
		Remark: *Unique identification of a party by an ID (customer number, supplier number, DUNS or similar).*				
NAD020-030	3055	**Code list responsible agency code**	C	an	1/3	Required
		Remark: *Agency responsible for code list / identifier maintenance*				
		Code / **Name** 10 — ODETTE 16 — US, D&B (Dun & Bradstreet Corporation) 91 — Assigned by seller or seller's agent 92 — Assigned by buyer or buyer's agent				
NAD040	C080	**PARTY NAME**	C	Comp		Required
NAD040-010	3036	**Party name**	M	an	1/35	Required
		Remark: *Single text line for specification of a name*				
NAD040-020	3036	**Party name**	C	an	1/35	Optional
		Remark: *see 3036 # 1*				
NAD040-030	3036	**Party name**	C	an	1/35	Optional
		Remark: *see 3036 # 1*				
NAD040-040	3036	**Party name**	C	an	1/35	Optional
		Remark: *see 3036 # 1*				
NAD050	C059	**STREET**	C	Comp		Optional
NAD050-010	3042	**Street and number or post office box identifier**	M	an	1/35	Required
		Remark: *The name that identifies the location of a house or building: usually within a street*				

		as part of an address.				
NAD050-020	3042	**Street and number or post office box identifier**	C	an	1/35	Optional
		Remark: *see 3042 # 1*				
NAD060	3164	**City name**	C	an	1/35	Required
		Remark: *The name of the city, town, or village of this address.*				
NAD080	3251	**Postal identification code**	C	an	1/17	Required
		Remark: *The identifier for one or more properties according to the postal service of that country; a group of letters and/or numbers added to the postal address to assist in the sorting of mail.*				
NAD090	3207	**Country identifier**	C	a	2/2	Required
		Remark: *Provides the country part of an address using a code. Use ISO3166 two alpha code.*				

Remark:

Party to whom merchandise and/or service is sold.

Example:

NAD+BY+12100287::91++Magna Steyr Fahrzeugtechnik AG & Co+Liebenauer Hauptstrasse+Graz++8041+AT'

Segment Group 3

Pos: 0130	**Repeat: 5**
Conditional	
Group: 3	**Elements: N/A**

Loop Path: Group 2
User Option (Usage): Optional
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0140	RFF	Buyer's reference number(s)	M	1	Required

RFF Buyer's reference number(s)

Pos: 0140	**Max: 1**
Mandatory	
Group: 3	**Elements: 1**

Loop Path: Group 2-Group 3
User Option (Usage): Required
Function: To specify a reference.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
RFF010	C506	**REFERENCE**	M	Comp		Required
RFF010-010	1153	**Reference code qualifier**	M	an	1/3	Required
		Code / **Name** FC Fiscal number VA VAT registration number				
RFF010-020	1154	**Reference identifier**	C	an	1/35	Required
		Remark: *For 1153=VA: Unique number assigned by the relevant tax authority to identify a party for use in relation to Value Added Tax (VAT).*				

Example:

RFF+VA:7656444'

Segment Group 5

Pos: 0190	Repeat: 1
Conditional	
Group: 5	Elements: N/A

Loop Path: Group 2
User Option (Usage): Optional
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0200	CTA	Contact information	M	1	Required
0210	COM	Communication contact	C	4	Optional

CTA Contact information

Pos: 0200	Max: 1
Mandatory	
Group: 5	Elements: 2

Loop Path: Group 2-Group 5
User Option (Usage): Required
Function: To identify a person or a department to whom communication should be directed.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
CTA010	3139	**Contact function code**	C	an	1/3	Required
		Code / **Name** IC / Information contact				
CTA020	C056	**CONTACT DETAILS**	C	Comp		Optional
CTA020-010	3413	**Contact identifier**	C	an	1/17	Optional
		Remark: *Identifies the department or employee by a unique identifier other than their name when given as a contact.*				
CTA020-020	3412	**Contact name**	C	an	1/35	Optional
		Remark: *Name of the contact person or department*				

Example:

CTA+IC+:Klaus Meier'

COM Communication contact

Pos: 0210	Max: 4
Conditional	
Group: 5	Elements: 1

Loop Path: Group 2-Group 5
User Option (Usage): Optional
Function: To identify a communication number of a department or a person to whom communication should be directed.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
COM010	C076	**COMMUNICATION CONTACT**	M	Comp		Required
COM010-010	3148	**Communication address identifier**	M	an	1/100	Required
		Remark: *Buyer's Communication Number*				
COM010-020	3155	**Communication means type code**	M	an	1/3	Required

Code	Name
EM	Electronic mail
FX	Telefax
IM	Internal mail
TE	Telephone

Segment Group 2

Pos: 0220	Repeat: 1
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Required
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0230	NAD	Seller's name and address	M	1	Required
0270		Segment Group 3	C	5	Optional

NAD Seller's name and address

Pos: 0230	Max: 1
Mandatory	
Group: 2	Elements: 7

Loop Path: Group 2
User Option (Usage): Required
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.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	**Party function code qualifier**	M	an	1/3	Required
		Code / Name: SE – Seller				
NAD020	C082	**PARTY IDENTIFICATION DETAILS**	C	Comp		Required
		Remark: *All partners listed in the invoicing message are to be transmitted with the complete name and address information. Partner ID is an additional information for enabeling the automated processing and matching to internal records.*				
NAD020-010	3039	**Party identifier**	M	an	1/35	Required
		Remark: *Unique identification of a party by an ID (customer number, supplier number, DUNS or similar).*				
NAD020-030	3055	**Code list responsible agency code**	C	an	1/3	Required
		Remark: *Agency responsible for code list / identifier maintenance*				
		Code / Name: 10 – ODETTE; 16 – US, D&B (Dun & Bradstreet Corporation); 91 – Assigned by seller or seller's agent; 92 – Assigned by buyer or buyer's agent				
NAD040	C080	**PARTY NAME**	C	Comp		Required
NAD040-010	3036	**Party name**	M	an	1/35	Required
		Remark: *Single text line for specification of a name*				
NAD040-020	3036	**Party name**	C	an	1/35	Optional
		Remark: *see 3036 # 1*				
NAD040-030	3036	**Party name**	C	an	1/35	Optional
		Remark: *see 3036 # 1*				
NAD040-040	3036	**Party name**	C	an	1/35	Optional
		Remark: *see 3036 # 1*				
NAD050	C059	**STREET**	C	Comp		Optional
NAD050-010	3042	**Street and number or post office box identifier**	M	an	1/35	Required
		Remark: *The name that identifies the location of a house or building: usually within a street*				

		as part of an address.				
NAD050-020	3042	**Street and number or post office box identifier**	C	an	1/35	Optional
		Remark: *see 3042 # 1*				
NAD060	3164	**City name**	C	an	1/35	Optional
		Remark: *The name of the city, town, or village of this address.*				
NAD080	3251	**Postal identification code**	C	an	1/17	Required
		Remark: *The identifier for one or more properties according to the postal service of that country; a group of letters and/or numbers added to the postal address to assist in the sorting of mail.*				
NAD090	3207	**Country identifier**	C	a	2/2	Required
		Remark: *Provides the country part of an address using a code. Use ISO3166 two alpha code.*				

Remark:

Party selling merchandise to a buyer.
Seller: The party who has liability to fulfill the contract. It is often used in the sense of seller and supplier and ship-from.

Example:

NAD+SE+768710::92++Dummy Supplier++93055+DE'

Segment Group 3

Pos: 0270	Repeat: 5
Conditional	
Group: 3	Elements: N/A

Loop Path: Group 2
User Option (Usage): Optional
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0280	RFF	Sellers's reference number(s)	M	1	Required

RFF Sellers's reference number(s)

Pos: 0280		Max: 1
	Mandatory	
Group: 3		Elements: 1

Loop Path: Group 2-Group 3
User Option (Usage): Required
Function: To specify a reference.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
RFF010	C506	**REFERENCE**	M	Comp		Required
RFF010-010	1153	**Reference code qualifier**	M	an	1/3	Required
		Code / **Name** FC Fiscal number VA VAT registration number				
RFF010-020	1154	**Reference identifier**	C	an	1/70	Required
		Remark: *For 1153=VA: Unique number assigned by the relevant tax authority to identify a party for use in relation to Value Added Tax (VAT).*				

Example:

RFF+VA:765432'

Segment Group 2

Pos: 0330	Repeat: 1
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Optional
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0340	NAD	Ship-from's name and address	M	1	Required
0380		Segment Group 3	C	2	Optional

NAD	Ship-from's name and address	Pos: 0340 Max: 1 Mandatory Group: 2 Elements: 7

Loop Path: Group 2
User Option (Usage): Required
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.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	**Party function code qualifier**	M	an	1/3	Required
		Code: SF — Ship from				
NAD020	C082	**PARTY IDENTIFICATION DETAILS**	C	Comp		Optional
		Remark: *All partners listed in the invoicing message are to be transmitted with the complete name and address information. Partner ID is an additional information for enabeling the automated processing and matching to internal records.*				
NAD020-010	3039	**Party identifier**	M	an	1/35	Required
		Remark: *Unique identification of a party by an ID (customer number, supplier number, DUNS or similar).*				
NAD020-030	3055	**Code list responsible agency code**	C	an	1/3	Required
		Remark: *Agency responsible for code list / identifier maintenance*				
		Code: 10 — ODETTE; 16 — US, D&B (Dun & Bradstreet Corporation); 91 — Assigned by seller or seller's agent; 92 — Assigned by buyer or buyer's agent				
NAD040	C080	**PARTY NAME**	C	Comp		Required
NAD040-010	3036	**Party name**	M	an	1/35	Required
		Remark: *Single text line for specification of a name*				
NAD040-020	3036	**Party name**	C	an	1/35	Optional
		Remark: *see 3036 # 1*				
NAD040-030	3036	**Party name**	C	an	1/35	Optional
		Remark: *see 3036 # 1*				
NAD040-040	3036	**Party name**	C	an	1/35	Optional
		Remark: *see 3036 # 1*				
NAD050	C059	**STREET**	C	Comp		Optional
NAD050-010	3042	**Street and number or post office box identifier**	M	an	1/35	Required
		Remark: *The name that identifies the location of a house or building: usually within a street*				

		as part of an address.				
NAD050-020	3042	**Street and number or post office box identifier**	C	an	1/35	Optional
		Remark: *see 3042 # 1*				
NAD060	3164	**City name**	C	an	1/35	Required
		Remark: *The name of the city, town, or village of this address.*				
NAD080	3251	**Postal identification code**	C	an	1/17	Required
		Remark: *The identifier for one or more properties according to the postal service of that country; a group of letters and/or numbers added to the postal address to assist in the sorting of mail.*				
NAD090	3207	**Country identifier**	C	a	2/2	Required
		Remark: *Provides the country part of an address using a code. Use ISO3166 two alpha code.*				

Remark:

The party, which consigns or sends goods or makes them available for pick-up.

Example:

NAD+SF+080560::92++COMPANY GmbH'

Segment Group 3

Pos: 0380	Repeat: 2
Conditional	
Group: 3	Elements: N/A

Loop Path: Group 2
User Option (Usage): Optional
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0390	RFF	Ship-from's reference number(s)	M	1	Required

RFF Ship-from's reference number(s)

Pos: 0390	Max: 1
Mandatory	
Group: 3	Elements: 1

Loop Path: Group 2-Group 3
User Option (Usage): Required
Function: To specify a reference.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
RFF010	C506	**REFERENCE**	M	Comp		Required
RFF010-010	1153	**Reference code qualifier**	M	an	1/3	Required
		Code: VA – VAT registration number; XA – Company/place registration number				
RFF010-020	1154	**Reference identifier**	C	an	1/17	Required
		Remark: *For 1153=VA: Unique number assigned by the relevant tax authority to identify a party for use in relation to Value Added Tax (VAT). For 1153=XA: Identifier of a company in the commercial registry*				

Code	Name
VA	VAT registration number
XA	Company/place registration number

Example:

RFF+ADE:765434'

Segment Group 7

Pos: 0510 **Repeat: 1**
Conditional
Group: 7 **Elements: N/A**

User Option (Usage): Required
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0520	CUX	Currencies	M	1	Required
0530	DTM	Exchange rate date	C	1	Dependent

CUX Currencies

Pos: 0520	Max: 1
Mandatory	
Group: 7	Elements: 3

Loop Path: Group 7
User Option (Usage): Required
Function: To specify currencies used in the transaction and relevant details for the rate of exchange.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
CUX010	C504	**CURRENCY DETAILS**	C	Comp		Optional
CUX010-010	6347	**Currency usage code qualifier** **Code** / **Name** 2 Reference currency	M	an	1/3	Required
CUX010-020	6345	**Currency identification code** **Remark:** *Code specifying a monetary unit.*	C	an	1/3	Required
CUX010-030	6343	**Currency type code qualifier** **Code** / **Name** 4 Invoicing currency	C	an	1/3	Required
CUX020	C504	**CURRENCY DETAILS**	C	Comp		Optional
CUX020-010	6347	**Currency usage code qualifier** **Code** / **Name** 3 Target currency	M	an	1/3	Required
CUX020-020	6345	**Currency identification code** **Remark:** *Target Currency specifies the currency that has to be used for accounting, taxation, or calculation purposes in those cases, when a monetary amount is given in a different currency. Use ISO 4217 3-alpha currency code.*	C	an	1/3	Required
CUX020-030	6343	**Currency type code qualifier** **Code** / **Name** 3 Home currency 11 Payment currency	C	an	1/3	Required
CUX030	5402	**Currency exchange rate** **Remark:** *The rate at which one specified currency is expressed in another specified currency.*	C	n	1/12	Optional

Example:

CUX+2:EUR:4+3:SEK:11+9.987'

DTM Exchange rate date

Pos: 0530	Max: 1
Conditional	
Group: 7	Elements: 1

Loop Path: Group 7
User Option (Usage): Dependent
Function: To specify date, and/or time, or period.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
DTM010	C507	**DATE/TIME/PERIOD**	M	Comp		Required
DTM010-010	2005	**Date or time or period function code qualifier**	M	an	1/3	Required
		Code / **Name**: 134 – Rate of exchange date/time				
DTM010-020	2380	**Date or time or period text**	C	n	8/8	Required
		Remark: *To specify the date a given exchange rate between two currencies has been calculated (or has been published by other sources).*				
DTM010-030	2379	**Date or time or period format code**	C	an	1/3	Optional
		Code / **Name**: 102 – CCYYMMDD				

Remark:

The exchange rate date has to be specified only when payment or home currency is used in that CUX segment.

Example:

DTM+134:20161230:102'

Segment Group 8

Pos: 0540	Repeat: 10
Conditional	
Group: 8	Elements: N/A

User Option (Usage): Optional
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0550	PYT	Payment terms	M	1	Required
0560	DTM	Payment due date	C	1	Optional
0570	PCD	Discount, payment or instalment percentage	C	1	Dependent
0580	MOA	Instalment or payment discount amount	C	1	Dependent

PYT Payment terms

Pos: 0550	Max: 1
Mandatory	
Group: 8	Elements: 5

Loop Path: Group 8
User Option (Usage): Required
Function: To specify the terms of payment.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PYT010	4279	**Payment terms type code qualifier**	M	an	1/3	Required
		Remark: *Qualifier for payment terms.*				
		Code / **Name** 1 Basic 22 Discount				
PYT030	2475	**Event time reference code**	C	an	1/3	Not used
		Remark: *Payment Time Reference Coded - see code list 2475* *Reference to the date of a specific event, e.g. issue date of a specified business document (for example invoice date). see code list 2475*				
PYT040	2009	**Terms time relation code**	C	an	1/3	Not used
		Remark: *Code relating terms to a reference date, time or period.*				
PYT050	2151	**Period type code**	C	an	1/3	Optional
		Remark: *Code identifying a period*				
		Code / **Name** D Day M Month P Four month period W Week Y Year 3M Quarter 6M Half-year				
PYT060	2152	**Period count quantity**	C	n	1/3	Optional
		Remark: *Actual number of periods (days, weeks etc.) belonging to a payment term.*				

Example:

PYT+1++++D+60'

DTM Payment due date

Pos: 0560	Max: 1
Conditional	
Group: 8	Elements: 1

Loop Path: Group 8
User Option (Usage): Optional
Function: To specify date, and/or time, or period.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
DTM010	C507	**DATE/TIME/PERIOD**	M	Comp		Required
DTM010-010	2005	**Date or time or period function code qualifier**	M	an	1/3	Required
		Code: 140 — Name: Payment due date				
DTM010-020	2380	**Date or time or period text**	C	n	8/8	Required
		Remark: *Date when the payment is due in order to comply with the specified payment terms.*				
DTM010-030	2379	**Date or time or period format code**	C	an	1/3	Optional
		Code: 102 — Name: CCYYMMDD				

Remark:

This segment can be used in conjunction with any of the applicable qualifiers in the leading PYT segment.

Example:

DTM+140:20160110:102'

PCD Discount, payment or instalment percentage

Pos: 0570	**Max: 1**
Conditional	
Group: 8	**Elements: 1**

Loop Path: Group 8
User Option (Usage): Dependent
Function: To specify percentage information.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PCD010	C501	**PERCENTAGE DETAILS**	M	Comp		Required
PCD010-010	5245	**Percentage type code qualifier**	M	an	1/3	Required
		Remark: *Payment Variation Qualifier Code 12 must be used in conjunction with code 52 in MOA, DE 5025.*				
		Code / **Name**: 12 — Discount				
PCD010-020	5482	**Percentage**	C	n	1/10	Required

Remark:

PCD segment only used if qualifier in PYT=22

Example:

PCD+12:2'

MOA Instalment or payment discount amount

Pos: 0580	Max: 1
Conditional	
Group: 8	Elements: 1

Loop Path: Group 8
User Option (Usage): Dependent
Function: To specify a monetary amount.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MOA010	C516	**MONETARY AMOUNT**	M	Comp		Required
MOA010-010	5025	**Monetary amount type code qualifier**	M	an	1/3	Required
		Code / **Name** 52 Discount amount				
MOA010-020	5004	**Monetary amount**	C	n	1/15	Required
		Remark: *Value of a discount amount in curreny units*				
MOA010-030	6345	**Currency identification code**	C	an	1/3	Required
		Remark: *Code specifying a monetary unit.*				

Example:

MOA+52:20'

Segment Group 26

Pos: 0590	Repeat: 900
Conditional	
Group: 26	Elements: N/A

User Option (Usage): Required
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0600	LIN	Line item and article nuber	M	1	Required
0610	PIA	Additional article identifier(s) 1	C	1	Optional
0630	IMD	Description of article or service	C	5	Required
0650	QTY	Invoiced quantity	C	1	Required
0670	DTM	Goods receipt date	C	1	Optional
0720		Segment Group 27	C	1	Required
0800		Segment Group 29	C	3	Required
0860		Segment Group 30	C	10	Optional
1020		Segment Group 34	C	5	Required
1060		Segment Group 35	C	1	Optional
1140		Segment Group 39	C	10	Optional

LIN Line item and article nuber

Pos: 0600	Max: 1
Mandatory	
Group: 26	Elements: 2

Loop Path: Group 26
User Option (Usage): Required
Function: To identify a line item and configuration.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
LIN010	1082	**Line item identifier**	C	n	1/6	Required
		Remark: *Sequential number generated by the sender to identify a line item within a message. It is recommended to start with value 1 and to increment by 1 for each new line.*				
LIN030	C212	**ITEM NUMBER IDENTIFICATION**	C	Comp		Optional
LIN030-010	7140	**Item identifier**	C	an	1/35	Required
		Remark: *Information directly relating to the identification of an article by the buyer's identification system.* *Note: The term article is synonymous to the term item. In the global joint automotive guidelines the term article is used.*				
LIN030-020	7143	**Item type identification code**	C	an	1/3	Required

Code	Name
IN	Buyer's item number

Remark:

Line item level of an invoice document.

Example:

LIN+1++1234567890:IN'

PIA Additional article identifier(s) 1

Pos: 0610	Max: 1
Conditional	
Group: 26	Elements: 4

Loop Path: Group 26
User Option (Usage): Optional
Function: To specify additional or substitutional item identification codes.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PIA010	4347	**Product identifier code qualifier**	M	an	1/3	Required
		Code / **Name** 1 — Additional identification				
PIA020	C212	**ITEM NUMBER IDENTIFICATION**	M	Comp		Required
PIA020-010	7140	**Item identifier**	C	an	1/35	Required
		Remark: *Information directly relating to the identification of an item by the seller's identification system.* *Note: The term article is synonymous to the term item. In the global joint automotive guidelines the term article is used.*				
PIA020-020	7143	**Item type identification code**	C	an	1/3	Required
		Code / **Name** SA — Supplier's article number				
PIA030	C212	**ITEM NUMBER IDENTIFICATION**	C	Comp		Optional
PIA030-010	7140	**Item identifier**	C	an	1/35	Required
		Remark: *Customs tariff code*				
PIA030-020	7143	**Item type identification code**	C	an	1/3	Required
		Code / **Name** HS — Harmonised system				
PIA040	C212	**ITEM NUMBER IDENTIFICATION**	C	Comp		Optional
PIA040-010	7140	**Item identifier**	C	an	1/35	Required
		Remark: *Product group / family*				
PIA040-020	7143	**Item type identification code**	C	an	1/3	Required
		Code / **Name** GB — Buyer's internal product group code				

Example:

PIA+1+9389115-01:SA'

IMD Description of article or service

Pos: 0630	Max: 5
Conditional	
Group: 26	Elements: 1

Loop Path: Group 26
User Option (Usage): Required
Function: To describe an item in either an industry or free format.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
IMD030	C273	**ITEM DESCRIPTION**	C	Comp		Required
IMD030-040	7008	**Item description**	C	an	1/256	Required
		Remark: *The short name or description of an article or service in plain text.*				
IMD030-050	7008	**Item description**	C	an	1/256	Optional
		Remark: *see 7008 # 1*				
IMD030-060	3453	**Language name code**	C	an	1/3	Optional
		Remark: *Code specifying the language name. Use ISO 639-1988*				

Example:

IMD+++:::ITEM description'

QTY Invoiced quantity

Pos: 0650	Max: 1
Conditional	
Group: 26	Elements: 1

Loop Path: Group 26
User Option (Usage): Required
Function: To specify a pertinent quantity.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
QTY010	C186	**QUANTITY DETAILS**	M	Comp		Required
QTY010-010	6063	**Quantity type code qualifier**	M	an	1/3	Required
		Code / **Name** 47 Invoiced quantity				
QTY010-020	6060	**Quantity**	M	an	1/15	Required
		Remark: *Invoiced quantity value*				
QTY010-030	6411	**Measurement unit code**	C	an	1/3	Required
		Remark: *Code specifying the unit of measurement. For code value, see UN/ECE Recommendation No. 20.*				

Remark:

The quantity invoiced is necessary for line items belonging to an invoice, credit or debit note.

Example:

QTY+47:10:C62'

DTM Goods receipt date

Pos: 0670	Max: 1
Conditional	
Group: 26	Elements: 1

Loop Path: Group 26
User Option (Usage): Optional
Function: To specify date, and/or time, or period.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
DTM010	C507	**DATE/TIME/PERIOD**	M	Comp		Required
DTM010-010	2005	**Date or time or period function code qualifier** **Code** / **Name** 50 / Goods receipt date/time	M	an	1/3	Required
DTM010-020	2380	**Date or time or period text** **Remark:** *Date when the Ship-to party received a shipment*	C	an	1/14	Required
DTM010-030	2379	**Date or time or period format code** **Code** / **Name** 102 / CCYYMMDD	C	an	1/3	Optional

Example:

DTM+50:20161214:102'

Segment Group 27

Pos: 0720	**Repeat: 1**
Conditional	
Group: 27	**Elements: N/A**

Loop Path: Group 26
User Option (Usage): Required
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0730	MOA	Line item net amount in invoice currency	M	1	Required

MOA Line item net amount in invoice currency

Pos: 0730	Max: 1
Mandatory	
Group: 27	Elements: 1

Loop Path: Group 26-Group 27
User Option (Usage): Required
Function: To specify a monetary amount.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MOA010	C516	**MONETARY AMOUNT**	M	Comp		Required
MOA010-010	5025	**Monetary amount type code qualifier**	M	an	1/3	Required
		Code / **Name** 203 / Line item amount				
MOA010-020	5004	**Monetary amount**	C	n	1/15	Required
		Remark: *Value of line item net amount in currency units - for currency refer to CUX segment (invoice currency)*				
MOA010-030	6345	**Currency identification code**	C	an	1/3	Required
		Remark: *Code specifying a monetary unit.*				

Remark:

*The line item amount is the total related to this line item. It includes rebates and additions but excludes payment discount and VAT. Calculation furmula: Net price amount * invoiced quantity = (invoiced quantity * gross price) plus / minus allowances or charges.*

Example:

MOA+203:1100'

Segment Group 29

Pos: 0800	**Repeat: 3**
Conditional	
Group: 29	**Elements: N/A**

Loop Path: Group 26
User Option (Usage): Required
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0810	PRI	Price details	M	1	Required

PRI Price details

Pos: 0810	Max: 1
Mandatory	
Group: 29	Elements: 1

Loop Path: Group 26-Group 29
User Option (Usage): Required
Function: To specify price information.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PRI010	C509	**PRICE INFORMATION**	C	Comp		Required
PRI010-010	5125	**Price code qualifier** **Remark:** *The price stated is the net price including allowances/charges. Allowances/charges may be stated for information only.* **Code** / **Name** AAA Calculation net	M	an	1/3	Required
PRI010-020	5118	**Price amount** **Remark:** *Unit price amount in price currency units*	C	n	1/15	Required
PRI010-040	5387	**Price specification code** **Remark:** *The contract price is assumed to be the default net price. In retrospective price adjustments the old price (AAL), the new price (CON) and the price difference (ABM) can be used.* **Code** / **Name** AAL Old price ABM Base price difference CON Contract price	C	an	1/3	Optional
PRI010-050	5284	**Unit price basis quantity** **Remark:** *Basis on which the unit price/rate applies.*	C	n	1/9	Optional
PRI010-060	6411	**Measurement unit code** **Remark:** *Code specifying the unit of measurement. For code value, see UN/ECE Recommendation No. 20.*	C	an	1/3	Optional

Remark:

Price including allowances and charges (ALC), this represents the net price applicable to the line, it does also include any allowances/ charges (ALCs) that may be applicable to the line and which are deductible from the gross price.

Example:

Self Billing Invoice:
PRI+AAA:50::CON:100:C62'

Price Variation Invoice:
PRI+AAA:58.44::AAL:1:C62'
PRI+AAA:-2.3::ABM:1:C62'
PRI+AAA:56.14::CON:1:C62'

Segment Group 30

Pos: 0860	Repeat: 10
Conditional	
Group: 30	Elements: N/A

Loop Path: Group 26
User Option (Usage): Optional
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0870	RFF	Reference message number	M	1	Required
0880	DTM	Reference message date	C	1	Optional

RFF Reference message number

Pos: 0870	Max: 1
Mandatory	
Group: 30	Elements: 1

Loop Path: Group 26-Group 30
User Option (Usage): Required
Function: To specify a reference.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
RFF010	C506	**REFERENCE**	M	Comp		Required
RFF010-010	1153	**Reference code qualifier**	M	an	1/3	Required
		Code / **Name**				
		ON — Order document identifier, buyer assigned				
		AAU — Despatch note document identifier				
RFF010-020	1154	**Reference identifier**	C	an	1/70	Required
		Remark: *Unique identifier of the referenced document*				
RFF010-030	1156	**Document line identifier**	C	n	1/6	Optional

Example:

RFF+AAU:333444'

DTM Reference message date

Pos: 0880	Max: 1
Conditional	
Group: 30	Elements: 1

Loop Path: Group 26-Group 30
User Option (Usage): Optional
Function: To specify date, and/or time, or period.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
DTM010	C507	**DATE/TIME/PERIOD**	M	Comp		Required
DTM010-010	2005	**Date or time or period function code qualifier**	M	an	1/3	Required
		Code / **Name**: 171 Reference date/time				
DTM010-020	2380	**Date or time or period text**	C	n	1/12	Required
		Remark: *Reference Document Date/Time*				
DTM010-030	2379	**Date or time or period format code**	C	an	1/3	Required
		Code / **Name**: 102 CCYYMMDD				

Example:

DTM+171:20161212:102'

Segment Group 34

Pos: 1020	**Repeat: 5**
Conditional	
Group: 34	**Elements: N/A**

Loop Path: Group 26
User Option (Usage): Required
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
1030	TAX	VAT or other tax rate	M	1	Required

TAX VAT or other tax rate

Pos: 1030	Max: 1
Mandatory	
Group: 34	Elements: 5

Loop Path: Group 26-Group 34
User Option (Usage): Required
Function: To specify relevant duty/tax/fee information.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
TAX010	5283	**Duty or tax or fee function code qualifier** **Remark:** *Code qualifying the function of a duty or tax or fee.* **Code** / **Name** 7 / Tax	M	an	1/3	Required
TAX020	C241	**DUTY/TAX/FEE TYPE**	C	Comp		Required
TAX020-010	5153	**Duty or tax or fee type name code** **Code** / **Name** VAT / Value added tax	C	an	1/3	Optional
TAX050	C243	**DUTY/TAX/FEE DETAIL**	C	Comp		Required
TAX050-040	5278	**Duty or tax or fee rate** **Remark:** *Rate (percentage) of the specified tax.* *The tax rate (numeric) should be presented as follows: 19.5% ==> :19.50*	C	n	1/7	Required
TAX060	5305	**Duty or tax or fee category code** **Code** / **Name** E / Exempt from tax S / Standard rate	C	an	1/3	Optional
TAX090	5307	**Tax or duty or fee payment due date code**	C	an	1/3	Not used

Example:

TAX+7+VAT+++:::19.00+S'

Segment Group 35

Pos: 1060	Repeat: 1
Conditional	
Group: 35	Elements: N/A

Loop Path: Group 26
User Option (Usage): Optional
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
1070	NAD	Ship-to's name and address	M	1	Required
1080	LOC	Place of discharge	C	1	Optional
1090	LOC	Place of delivery or warehouse after discharge	C	1	Optional

NAD Ship-to's name and address

Pos: 1070	Max: 1
Mandatory	
Group: 35	Elements: 7

Loop Path: Group 26-Group 35
User Option (Usage): Required
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.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	**Party function code qualifier**	M	an	1/3	Required
		Code / **Name** ST Ship to				
NAD020	C082	**PARTY IDENTIFICATION DETAILS**	C	Comp		Optional
NAD020-010	3039	**Party identifier**	M	an	1/35	Required
		Remark: *Unique identification of a party by an ID (customer number, supplier number, DUNS or similar).*				
NAD020-030	3055	**Code list responsible agency code**	C	an	1/3	Required
		Remark: *Agency responsible for code list / identifier maintenance*				
		Code / **Name** 10 ODETTE 16 US, D&B (Dun & Bradstreet Corporation) 91 Assigned by seller or seller's agent 92 Assigned by buyer or buyer's agent				
NAD040	C080	**PARTY NAME**	C	Comp		Optional
NAD040-010	3036	**Party name**	M	an	1/35	Required
		Remark: *Single text line for specification of a name*				
NAD040-020	3036	**Party name**	C	an	1/35	Optional
		Remark: *see 3036 # 1*				
NAD040-030	3036	**Party name**	C	an	1/35	Optional
		Remark: *see 3036 # 1*				
NAD040-040	3036	**Party name**	C	an	1/35	Optional
		Remark: *see 3036 # 1*				
NAD050	C059	**STREET**	C	Comp		Optional
NAD050-010	3042	**Street and number or post office box identifier**	M	an	1/35	Required
		Remark: *The name that identifies the location of a house or building: usually within a street as part of an address.*				
NAD050-020	3042	**Street and number or post office box identifier**	C	an	1/35	Optional
		Remark: *see 3042 # 1*				
NAD060	3164	**City name**	C	an	1/35	Optional

		Remark: *The name of the city, town, or village of this address.*				
NAD080	3251	**Postal identification code**	C	an	1/17	Optional
		Remark: *The identifier for one or more properties according to the postal service of that country; a group of letters and/or numbers added to the postal address to assist in the sorting of mail.*				
NAD090	3207	**Country identifier**	C	a	2/2	Optional
		Remark: *Provides the country part of an address using a code. Use ISO3166 two alpha code.*				

Remark:

The party to which goods are to be shipped (consigned). If the ship-to party has been specified on header level this segment may be used merely as trigger for place of discharge, in which case the name and address informacion can be omitted.

Example:

NAD+ST++Ship-to name+Industry park+Newcastle++ABC 134+UK'

LOC Place of discharge

Pos: 1080		Max: 1
	Conditional	
Group: 35		Elements: 2

Loop Path: Group 26-Group 35
User Option (Usage): Optional
Function: To identify a place or a location and/or related locations.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
LOC010	3227	**Location function code qualifier**	M	an	1/3	Required
		Code: 11 — Name: Place of discharge				
LOC020	C517	**LOCATION IDENTIFICATION**	C	Comp		Required
LOC020-040	3224	**Location name**	C	an	1/35	Required
		Remark: *Name of place/location, other than city name.*				

Remark:

Place of discharge: seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are unloaded from the means of transport having been used for their carriage.

Example:

LOC+11+:::Gate 7'

LOC Place of delivery or warehouse after discharge

Pos: 1090	Max: 1
Conditional	
Group: 35	Elements: 2

Loop Path: Group 26-Group 35
User Option (Usage): Optional
Function: To identify a place or a location and/or related locations.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
LOC010	3227	**Location function code qualifier**	M	an	1/3	Required
		Code / **Name** 7 Place of delivery 18 Warehouse				
LOC020	C517	**LOCATION IDENTIFICATION**	C	Comp		Required
LOC020-040	3224	**Location name**	C	an	1/35	Required
		Remark: *Name of place/location of delivery or warehouse*				

Remark:

An internal location within the ship-to's premises, where goods are moved to after they have been unloaded, e.g. an assembly line, an internal warehouse, etc.

Example:

LOC+18+:::Assembling line 3'

Segment Group 39

Pos: 1140	Repeat: 10
Conditional	
Group: 39	Elements: N/A

Loop Path: Group 26
User Option (Usage): Optional
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
1150	ALC	Allowance/charge	M	1	Required

ALC Allowance/charge

Pos: 1150	Max: 1
Mandatory	
Group: 39	Elements: 2

Loop Path: Group 26-Group 39
User Option (Usage): Required
Function: To identify allowance or charge details.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
ALC010	5463	**Allowance or charge code qualifier**	M	an	1/3	Required
		Code / **Name** A / Allowance C / Charge				
ALC050	C214	**SPECIAL SERVICES IDENTIFICATION**	C	Comp		Optional
ALC050-010	7161	**Special service description code**	C	an	1/3	Not used
		Remark: *Code specifying a special service. Codes according to EDIFACT code list 7161 or JAI032 are applicable. The actually used codes have to be agreed upon mutually.*				
ALC050-030	3055	**Code list responsible agency code**	C	an	1/3	Not used

Example:

ALC+C'

UNS Section control

Pos: 1210	Max: 1
Mandatory	
Group: N/A	Elements: 1

User Option (Usage): Required
Function: To separate header, detail and summary sections of a message.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNS010	0081	**Section identification**	M	a	1/1	Required

Code	Name
S	Detail/summary section separation

Example:

UNS+S'

CNT Control total

Pos: 1220	Max: 1
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Optional
Function: To provide control total.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
CNT010	C270	**CONTROL**	M	Comp		Required
CNT010-010	6069	**Control total type code qualifier**	M	an	1/3	Required
		Code / **Name** 2 Number of line items in message				
CNT010-020	6066	**Control total quantity**	M	n	1/10	Required
		Remark: *Control value: number of lines in a message* *Quantity / Control value*				

Example:

CNT+2:1'

Segment Group 50

Pos: 1230	**Repeat: 3**
Mandatory	
Group: 50	**Elements: N/A**

User Option (Usage): Required
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
1240	MOA	Invoice amount	M	1	Required

MOA Invoice amount

Pos: 1240	Max: 1
Mandatory	
Group: 50	Elements: 1

Loop Path: Group 50
User Option (Usage): Required
Function: To specify a monetary amount.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MOA010	C516	**MONETARY AMOUNT**	M	Comp		Required
MOA010-010	5025	**Monetary amount type code qualifier**	M	an	1/3	Required
		Code / **Name** 77 Invoice line item amount				
MOA010-020	5004	**Monetary amount**	C	n	1/15	Required
		Remark: *Invoice total amount, including taxes (if applicable)*				
MOA010-030	6345	**Currency identification code**	C	an	1/3	Required
		Remark: *Code specifying a monetary unit.*				

Remark:

Total sum charged in respect of a single invoice in accordance with the terms of delivery.
Invoice amount (MOA+77) is the sum of:
line item amounts (MOA+79)
plus total invoice additional amont (MOA+136)
plus total duty/tax/fee amount (MOA+176)
Relation between Home Currency and Invoicing Currency is established through data element 5402 (rate of exchange) in the CUX segment at header level.

Example:

MOA+77:1160::EUR'

Segment Group 50

Pos: 1280	Repeat: 3
Conditional	
Group: 50	Elements: N/A

User Option (Usage): Dependent
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
1290	MOA	Total taxable amount	M	1	Required

MOA Total taxable amount

Pos: 1290	Max: 1
Mandatory	
Group: 50	Elements: 1

Loop Path: Group 50
User Option (Usage): Required
Function: To specify a monetary amount.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MOA010	C516	**MONETARY AMOUNT**	M	Comp		Required
MOA010-010	5025	**Monetary amount type code qualifier**	M	an	1/3	Required
		Code / **Name**: 125 Taxable amount				
MOA010-020	5004	**Monetary amount**	C	n	1/15	Required
		Remark: *Value of taxable monetary amount in currency units*				
MOA010-030	6345	**Currency identification code**	C	an	1/3	Required
		Remark: *Code specifying a monetary unit.*				

Remark:

If no taxes or duties apply to any part of the invoice this occurence of SG50 can be omitted. For transactions with European partners this SG50 might be required for legal reasons even if only zero rate taxes apply to the invoiced items.

Example:

MOA+125:1000::EUR'

Segment Group 50

Pos: 1330	Repeat: 3
Conditional	
Group: 50	Elements: N/A

User Option (Usage): Required
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
1340	MOA	Total tax amount	M	1	Required

MOA Total tax amount

Pos: 1340	Max: 1
Mandatory	
Group: 50	Elements: 1

Loop Path: Group 50
User Option (Usage): Required
Function: To specify a monetary amount.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MOA010	C516	**MONETARY AMOUNT**	M	Comp		Required
MOA010-010	5025	**Monetary amount type code qualifier**	M	an	1/3	Required
		Code / **Name**: 176 — Message total duty/tax/fee amount				
MOA010-020	5004	**Monetary amount**	C	n	1/15	Required
		Remark: *Value of tax amount in currency units*				
MOA010-030	6345	**Currency identification code**	C	an	1/3	Required
		Remark: *Code specifying a monetary unit.*				

Example:

MOA+176:160::EUR'

Segment Group 50

Pos: 1380	Repeat: 3
Conditional	
Group: 50	Elements: N/A

User Option (Usage): Optional
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
1390	MOA	Total line items amount (sum of net line items amounts)	M	1	Required

MOA Total line items amount (sum of net line items amounts)

Pos: 1390	Max: 1
Mandatory	
Group: 50	Elements: 1

Loop Path: Group 50
User Option (Usage): Required
Function: To specify a monetary amount.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MOA010	C516	**MONETARY AMOUNT**	M	Comp		Required
MOA010-010	5025	**Monetary amount type code qualifier**	M	an	1/3	Required
		Code / **Name** 79 Total line items amount				
MOA010-020	5004	**Monetary amount**	C	n	1/15	Required
		Remark: *Total line items amount*				
MOA010-030	6345	**Currency identification code**	C	an	1/3	Required
		Remark: *Code specifying a monetary unit.*				

Remark:

Sum of all line items net amounts (MOA+203...)

Example:

MOA+79:1000:EUR'

Segment Group 50

Pos: 1430	Repeat: 3
Conditional	
Group: 50	Elements: N/A

User Option (Usage): Optional
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
1440	MOA	Payment discount amount in invoice, home or payment currency	M	1	Required

MOA Payment discount amount in invoice, home or payment currency

Pos: 1440	Max: 1
Mandatory	
Group: 50	Elements: 1

Loop Path: Group 50
User Option (Usage): Required
Function: To specify a monetary amount.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MOA010	C516	**MONETARY AMOUNT**	M	Comp		Required
MOA010-010	5025	**Monetary amount type code qualifier**	M	an	1/3	Required
		Code: 109 — Name: Payment discount amount				
MOA010-020	5004	**Monetary amount**	C	n	1/15	Required
		Remark: *Payment discount amount*				
MOA010-030	6345	**Currency identification code**	C	an	1/3	Required
		Remark: *Code specifying a monetary unit.*				

Example:

MOA+109:20::EUR'

Segment Group 52

Pos: 1480	Repeat: 10
Conditional	
Group: 52	Elements: N/A

User Option (Usage): Optional
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
1490	TAX	Tax type and rate	M	1	Required
1500	MOA	Tax amount in invoice currency	C	1	Dependent
1510	MOA	Taxable amount in invoice currency	C	1	Optional

TAX Tax type and rate

Pos: 1490	Max: 1
Mandatory	
Group: 52	Elements: 5

Loop Path: Group 52
User Option (Usage): Required
Function: To specify relevant duty/tax/fee information.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
TAX010	5283	**Duty or tax or fee function code qualifier**	M	an	1/3	Required
		Remark: *Code qualifying the function of a duty or tax or fee.*				
		Code / **Name** 7 / Tax				
TAX020	C241	**DUTY/TAX/FEE TYPE**	C	Comp		Required
TAX020-010	5153	**Duty or tax or fee type name code**	C	an	1/3	Required
		Code / **Name** VAT / Value added tax				
TAX050	C243	**DUTY/TAX/FEE DETAIL**	C	Comp		Required
TAX050-040	5278	**Duty or tax or fee rate**	C	n	1/7	Required
		Remark: *Rate (percentage) of the specified tax.* *The tax rate (numeric) should be presented in an alpha-numeric field as follows: 19.5% ==> :19.50*				
TAX060	5305	**Duty or tax or fee category code**	C	an	1/3	Dependent
		Code / **Name** E / Exempt from tax S / Standard rate				
TAX090	5307	**Tax or duty or fee payment due date code**	C	an	1/3	Not used

Example:

TAX+7+VAT+++:::19.00+S'

MOA Tax amount in invoice currency

Pos: 1500	Max: 1
Conditional	
Group: 52	Elements: 1

Loop Path: Group 52
User Option (Usage): Dependent
Function: To specify a monetary amount.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MOA010	C516	**MONETARY AMOUNT**	M	Comp		Required
MOA010-010	5025	**Monetary amount type code qualifier**	M	an	1/3	Required
		Code / **Name** 124 / Tax amount				
MOA010-020	5004	**Monetary amount**	C	n	1/15	Required
		Remark: *Value of a tax amount in currency units*				
MOA010-030	6345	**Currency identification code**	C	an	1/3	Required
		Remark: *Code specifying a monetary unit.*				

Example:

MOA+124:160::4'

MOA Taxable amount in invoice currency

Pos: 1510	Max: 1
Conditional	
Group: 52	Elements: 1

Loop Path: Group 52
User Option (Usage): Optional
Function: To specify a monetary amount.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MOA010	C516	**MONETARY AMOUNT**	M	Comp		Required
MOA010-010	5025	**Monetary amount type code qualifier**	M	an	1/3	Required
		Code / **Name**: 125 Taxable amount				
MOA010-020	5004	**Monetary amount**	C	n	1/15	Required
		Remark: *Value of a taxable amount in currency units*				
MOA010-030	6345	**Currency identification code**	C	an	1/3	Required
		Remark: *Code specifying a monetary unit.*				

Example:

MOA+125:1000::4'

Segment Group 53

Pos: 1520	Repeat: 15
Conditional	
Group: 53	Elements: N/A

User Option (Usage): Dependent
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
1530	ALC	Charge	M	1	Required
1550	MOA	Charge amount	C	1	Optional

ALC Charge

Pos: 1530	Max: 1
Mandatory	
Group: 53	Elements: 2

Loop Path: Group 53
User Option (Usage): Required
Function: To identify allowance or charge details.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
ALC010	5463	**Allowance or charge code qualifier**	M	an	1/3	Required
		Code / **Name**: C – Charge				
ALC050	C214	**SPECIAL SERVICES IDENTIFICATION**	C	Comp		Required
ALC050-010	7161	**Special service description code**	C	an	1/3	Not used
ALC050-030	3055	**Code list responsible agency code**	C	an	1/3	Not used

Remark:

This segment group is used for additional charge on invoice level (e.g. freight, packaging), i.e. in addition to charges that might be stated at individual line items. It is not the sum of line item charges.

MOA Charge amount

Pos: 1550	Max: 1
Conditional	
Group: 53	Elements: 1

Loop Path: Group 53
User Option (Usage): Optional
Function: To specify a monetary amount.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
MOA010	C516	**MONETARY AMOUNT**	M	Comp		Required
MOA010-010	5025	**Monetary amount type code qualifier**	M	an	1/3	Required
		Code / **Name**: 8 – Allowance or charge amount				
MOA010-020	5004	**Monetary amount**	C	n	1/35	Required
		Remark: *Charge amount*				
MOA010-030	6345	**Currency identification code**	C	an	1/3	Required
		Remark: *Code specifying a monetary unit.*				

UNT Message trailer

Pos: 1560	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Required
Function: To end and check the completeness of a message.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNT010	0074	**Number of segments in a message**	M	n	1/6	Required
		Remark: *Number of segments in the message*				
UNT020	0062	**Message reference number**	M	an	1/14	Required

Example:

UNT+162+1'

Testfiles & Guidelines

Testfiles and Guidelines can be found on our website
http://supplyweb.magna.com/downloads/guidelines.htm

Further Reference

Magna is following the VDA recommendations.
For additional information and detailed process description please see VDA reference documents:

VDA 4938 T2 – INVOIC Version 2.1 Juni 2014.pdf

https://www.vda.de/de/verband/organisation/organisation-ausschuesse/arbeitskreis-abrechnungsverfahren/empfehlungen-ak-abrechnung.html
(German)

VDA 4938 T2 – INVOIC Version 2.1 June 2014.pdf

https://www.vda.de/de/verband/organisation/organisation-ausschuesse/arbeitskreis-abrechnungsverfahren/empfehlungen-ak-abrechnung.html

(English)

Support

For support feel free to contact edi.support@magna.com