

VOLKSWAGEN

AKTIENGESELLSCHAFT

Volkswagen VDA 4938 T4 - Global INVOIC

Message Implementation Guideline

Version:	VDA 2.2-VW 1.0
Variant:	Frachtrechnung/Freight Invoice
Basic:	UN D.13A S3
Publishing:	29.11.2016
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Introduction

This message guide contains information on the interchange of incoming credit-side financial documents from Volkswagen Logistics GmbH & Co. OHG and AUDI AG based on VDA subset 4938, Part 4 of the "Global INVOIC UN D.07A S53"

1. General specifications

The term VOLKSWAGEN is used in the guideline to represent all participating Group companies. A series of segments and segment groups, classified as optional in accordance with the VDA Recommendation, are marked as mandatory in the VOLKSWAGEN guide and must be transmitted. Further more, a range of information has been marked as "D" = dependent. This means that they are sent depending on the relevant business process described in the DE 1000 BGM segment.

2. Function and purpose of the Global INVOIC – VDA 4938 Part 4 Freight invoice

As part of statutory amendments to German tax legislation, VOLKSWAGEN will be introducing the EDIFACT-based Global INVOIC for the electronic interchange of invoice data for transportation services from 2013. This offers the possibility of processing **all** transportation and logistics services using electronic invoicing.

This also includes the current process of computer-controlled settlement of freight charges (MTB). This process is expected to be converted from a credit note procedure to an invoicing procedure based on VDA 4938 from 2014.

Preconditions for invoice processing are

- The conclusion of an EDI agreement.
The standard "Electronic Data Interchange (EDI) Agreement" compiled by the VDA will be used at Volkswagen.
- Reliable, documented and auditable internal processes, which ensure the generation of correct messages by the electronic data processing (EDP) systems used, or which ensure the correct processing of received invoice data.
- The internal processes and procedures used must also ensure that unauthorised persons are unable to change or falsify the data, whether intentionally or accidentally.
- A means of data transmission which ensures the authenticity and integrity of the data.
- A data interchange format ,which is able to transmit all data necessary in terms of commercial and tax legislation and business requirements.

3. Outlook

In addition to transferring sets of invoice data, there are plans to support the use of file attachments in accordance with VDA Recommendation 4983.

4. OFTP parameters

The OFTP parameters and virtual file names can be found under:

www.vwgroupsupply.com/portal01/vw/pub?path=/content/vwkbcd/de/public/informationen/elektronischer_datenaustausch/oftp_parameter.portlet.html.

The file names are used in the same way as the logistical messages. The invoice recipient can be found in the forwarding addresses in the message header data. VOLKSWAGEN AG companies receiving their invoice data by VDA 4938 can be found in the appendix to this guide. The current version of this guide can be found on the Group Business Platform under:

5. References

The current version of this VOLKSWAGEN Operating Manual.

www.vwgroupsupply.com/portal01/vw/pub?path=/content/vwkbcd/de/public/informationen/elektronischer_datenaustausch/edi_guidelines.portlet.html

Current version of the VDA recommendation.

http://vda.de/de/publikationen/publikationen_downloads/index.html

Global INVOIC.

<http://www.odette.org/publications>

1 Changelog

1 Changelog

Date	Version	Description	SG	Se (cons.no.)	DE
2016-11-09	VDA 2.2 - VW 1.0	Code 1 added	SG48	LOC (081)	3227
2016-11-09	VDA 2.2 - VW 1.0	PCE added	SG44	RTE (074)	6411
2016-11-01	VDA 2.2- VW 1.0	Code ANJ added.	SG1	RFF (014)	1153
2015-02-20	1.1	MaxRep 10 --> 3	SG32	MEA (067)	
2015-02-20	1.1	MaxRep = 6 added	SG31	()	
2015-02-20	1.1	Code PCE added	SG30	PRI (056)	6411
2015-02-20	1.1	Code PCE added	SG30	PRI (055)	6411
2015-02-20	1.1	Code PCE added	SG27	QTY (044)	6411
2015-02-20	1.1	Status C --> N	SG2	NAD (027)	
2015-02-20	1.1	Status C --> N	SG2	NAD (020)	
2015-02-20	1.1	Code ADE & XA added	SG3	RFF (016)	1153
2015-02-20	1.1	MaxRep 5 --> 4	SG3	()	
2015-02-20	1.1	Status C --> N	SG2	NAD (015)	
2015-02-20	1.1	Rules for Frachtrechnung_MTB added.	SG2	NAD (015)	3039
2015-02-20	1.1	Status C --> N		UNB (002)	0032
2015-02-20	1.1	Status C --> N		UNB (002)	0031
2015-02-20	1.1	Status C --> N		UNB (002)	0029
2015-02-20	1.1	Status C --> N		UNB (002)	0026
2015-02-20	1.1	Status C --> N		UNB (002)	
2015-02-20	1.1	Beschreibung/Description added		UNB (002)	0014
2015-02-20	1.1	Status C --> R		UNB (002)	0014
2015-02-20	1.1	Status O --> N		UNB (002)	0007
2015-02-20	1.1	Status O --> N		UNB (002)	0007
20141126	VDA 2.0 - VW 1.0	Format n..8 --> an..15	SG50	RFF (083)	1154

2 Message Type

Tag	No	St	MaxOcc	Name
UNA	1	O	1	Service string advice
UNB	2	M	1	Interchange header
UNH	3	M	1	Message header
BGM	4	M	1	Type of invoice and invoice number
DTM	5	M	1	Message date
DTM	6	R	1	Delivery or Service Completion Date
DTM	7	O	1	Delivery /service horizon start date
DTM	8	O	1	Delivery / service horizon end date
FTX	9	O	99	Legal info free text
FTX	10	O	99	Legal info free text
FTX	11	O	99	Payment instructions free text
FTX	12	O	99	General information free text
GEI	13	O	1	Processing information
SG1		O	5	
RFF	14	M	1	Reference number
SG2		R	1	
NAD	15	M	1	Buyer's Name and Address
SG3		O	4	
RFF	16	M	1	Buyer's reference number(s)
SG3		D	3	
RFF	17	M	1	Buyer's VAT number(s)
SG5		O	1	
CTA	18	M	1	Contact information
COM	19	O	4	Communication contact
SG2		R	1	
NAD	20	M	1	Seller's name and address
SG3		O	5	
RFF	21	M	1	Seller's VAT number
SG3		D	1	
RFF	22	M	1	Seller's tax number
SG3		R	1	
RFF	23	M	1	DUNS no.
SG3		O	1	
RFF	24	M	1	Commercial register no.
SG5		O	1	
CTA	25	M	1	Information contact
COM	26	O	5	Communication contact
SG2		D	1	
NAD	27	M	1	Tax representative's name and address
SG3		R	1	
RFF	28	M	1	VAT registration number
SG7		R	1	

This message structure described. A documented Segment/Segmentgroup shouldn't have to be assigned always.
In contrast to the EDIFACT- Message layout chart the different Segment-version will be displayed explicitly.

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Tag	No	St	MaxOcc	Name
CUX	29	M	1	Currencies
DTM	30	D	1	Exchange rate date
SG7		O	1	
CUX	31	M	1	Home currency
DTM	32	O	1	Exchange rate date
SG8		O	10	
PYT	33	M	1	Payment terms
DTM	34	O	1	Payment due date
DTM	35	O	1	Reference date/time
PCD	36	D	1	Discount, payment or instalment percentage
MOA	37	O	1	Instalment or payment discount amount
FII	38	O	1	Financial institution information
SG27		R	900	
LIN	39	M	1	Line item and article number
IMD	40	R	1	Description of the service
MEA	41	D	1	Total gross weight
MEA	42	D	1	Volume
MEA	43	O	5	Dimensions and weights
QTY	44	R	1	Invoiced quantity
QTY	45	D	5	Calculation basis for transportation stage
DTM	46	D	1	Delivery or service completion date
DTM	47	O	1	Date of order entry at forwarder
DTM	48	O	1	Shipping date
GIN	49	O	1000	Goods identity number
FTX	50	O	99	Tax exemption reason text
FTX	51	O	99	General text information
SG28		R	1	
MOA	52	M	1	Line item net amount in invoice currency
SG28		O	1	
MOA	53	M	1	Line item gross amount in invoice currency
SG28		O	1	
MOA	54	M	1	Monetary value of goods
SG30		R	3	
PRI	55	M	1	Price details
SG30		O	1	
PRI	56	M	1	Price details
SG31		O	1	
RFF	57	M	1	Reference message number
DTM	58	O	1	Reference message date
SG31		D	1	
RFF	59	M	1	Number (ID) of the referenced message
DTM	60	O	1	Reference message date
SG31		O	1	
RFF	61	M	1	Reference message number
SG31		O	6	

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Tag	No	St	MaxOcc	Name
RFF	62	M	1	Reference message number
DTM	63	O	1	Reference message date
SG31		O	1	
RFF	64	M	1	Reference message number
DTM	65	R	1	Reference message date
SG32		D	999	
PAC	66	M	1	Package
MEA	67	D	3	Package measurements Maße
SG33		O	10	
PCI	68	M	1	Package identification
SG35		R	5	
TAX	69	M	1	VAT or other tax rate
SG40		N	10	
ALC	70	M	1	Allowance/charge
FTX	71	O	1	Allowance/charge description
SG42		D	1	
PCD	72	M	1	Allowance/charge Percentage
SG43		D	1	
MOA	73	M	1	Allowance/charge - monetary amount
SG44		D	1	
RTE	74	M	1	Rate details
SG46		D	10	
TDT	75	M	1	Transport information
SG47		D	10	
LOC	76	R	1	Aktueller Versandort
DTM	77	O	1	Departure date and time
SG47		D	10	
LOC	78	R	1	Current receiving location
DTM	79	O	5	Arrival date and time
SG48		O	5	
TOD	80	M	1	Terms of delivery or transport
LOC	81	O	2	Place/location identification
SG50		D	999	
GEI	82	M	1	Trigger segment
RFF	83	D	1	Delivery note
RFF	84	O	9	Consignment reference number
RFF	85	D	1	Shipping order number
RFF	86	O	9	Other references
DTM	87	D	1	Delivery note date
LOC	88	D	1	Ship-from party
LOC	89	D	1	Ship-to
MEA	90	O	5	Shipment weight, measurements and/or volumes
QTY	91	O	9	Calculation basis for the shipment
MOA	92	O	1	Goods value for consignment

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Tag	No	St	MaxOcc	Name
UNS	93	M	1	Section control
CNT	94	O	1	Control total
SG52		M	3	
MOA	95	M	1	Invoice amount
SG52		D	3	
MOA	96	M	1	Total taxable amount
SG52		R	3	
MOA	97	M	1	Total tax amount
SG52		O	3	
MOA	98	M	1	Total line items amount (sum of net line items amounts)
SG52		O	3	
MOA	99	M	1	Payment discount amount in invoice, home or payment currency
SG52		D	3	
MOA	100	M	1	Prepaid amount
SG53		D	1	
RFF	101	M	1	Reference to prepayment invoice
DTM	102	O	1	Date of prepayment invoice
SG52		O	2	
MOA	103	M	1	Non-taxable or exemption amount
SG54		O	10	
TAX	104	M	1	Tax type and rate
MOA	105	D	1	Tax amount in invoice currency
MOA	106	R	1	Taxable amount in invoice currency
UNT	107	M	1	Message trailer
UNZ	108	M	1	Interchange trailer

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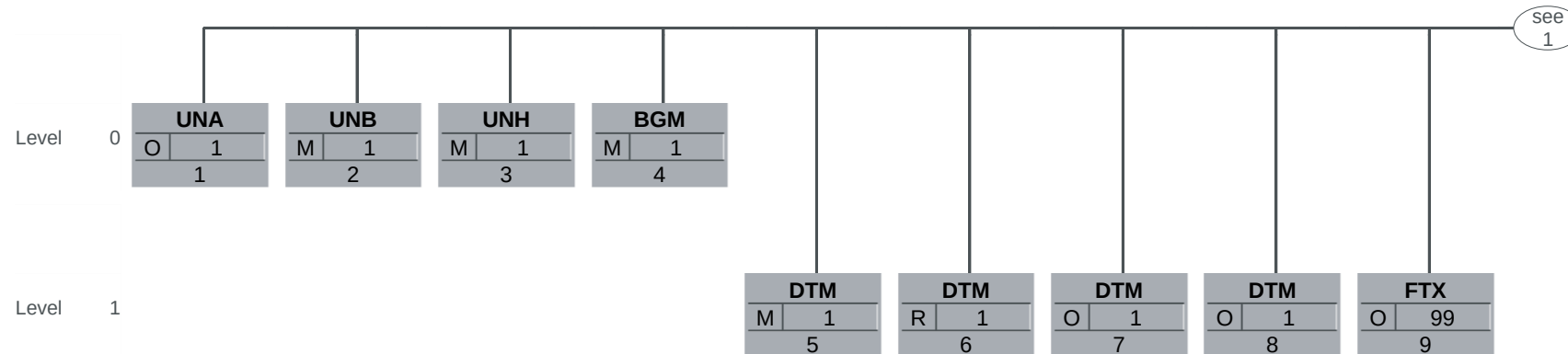
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3 Branching Diagram



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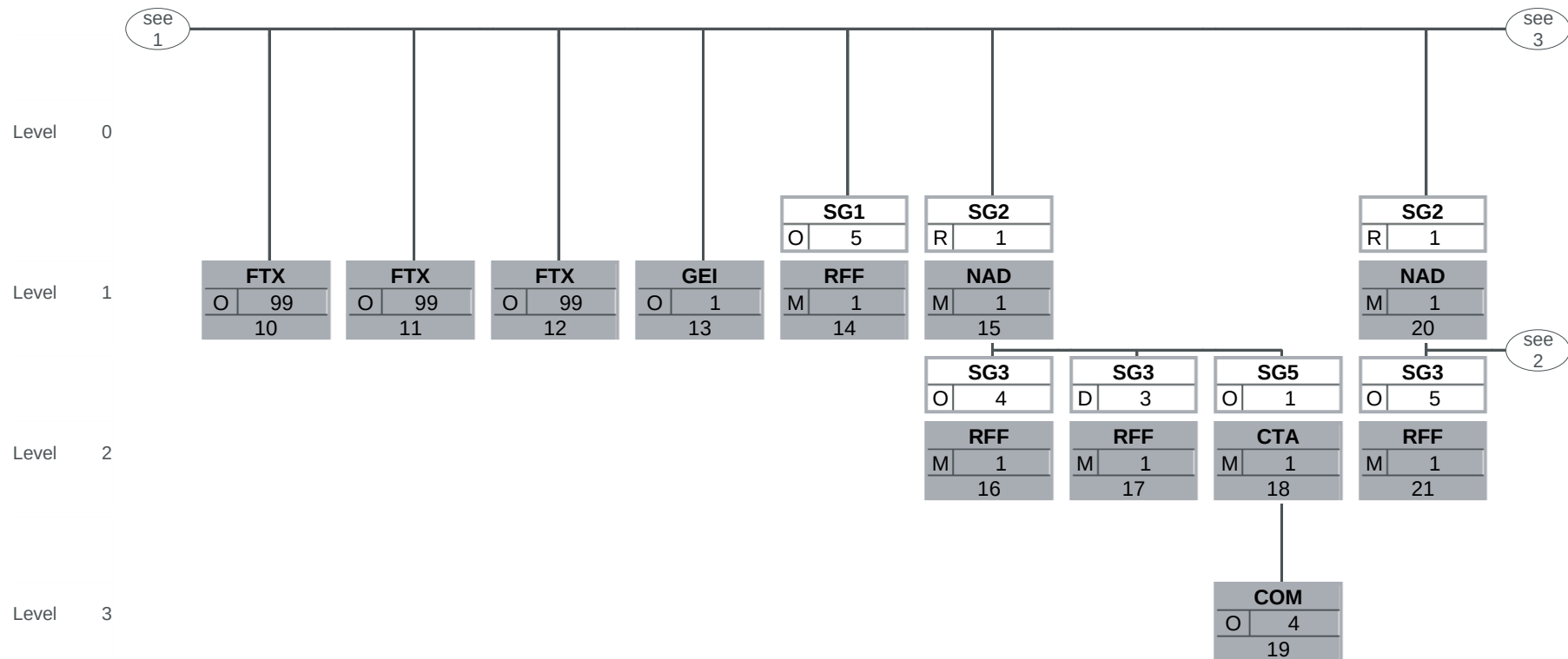
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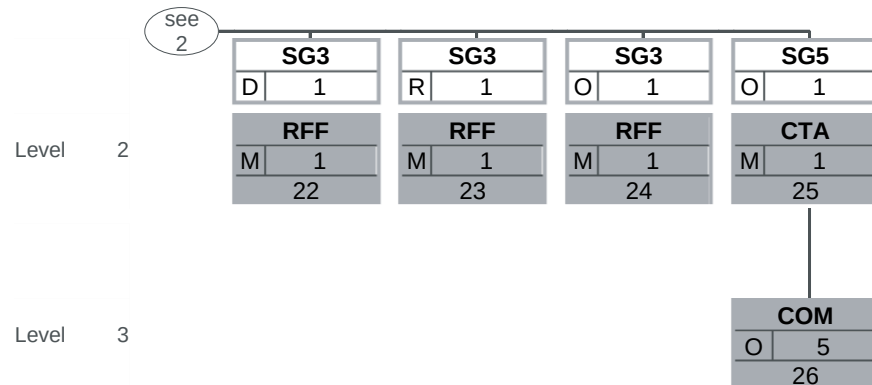
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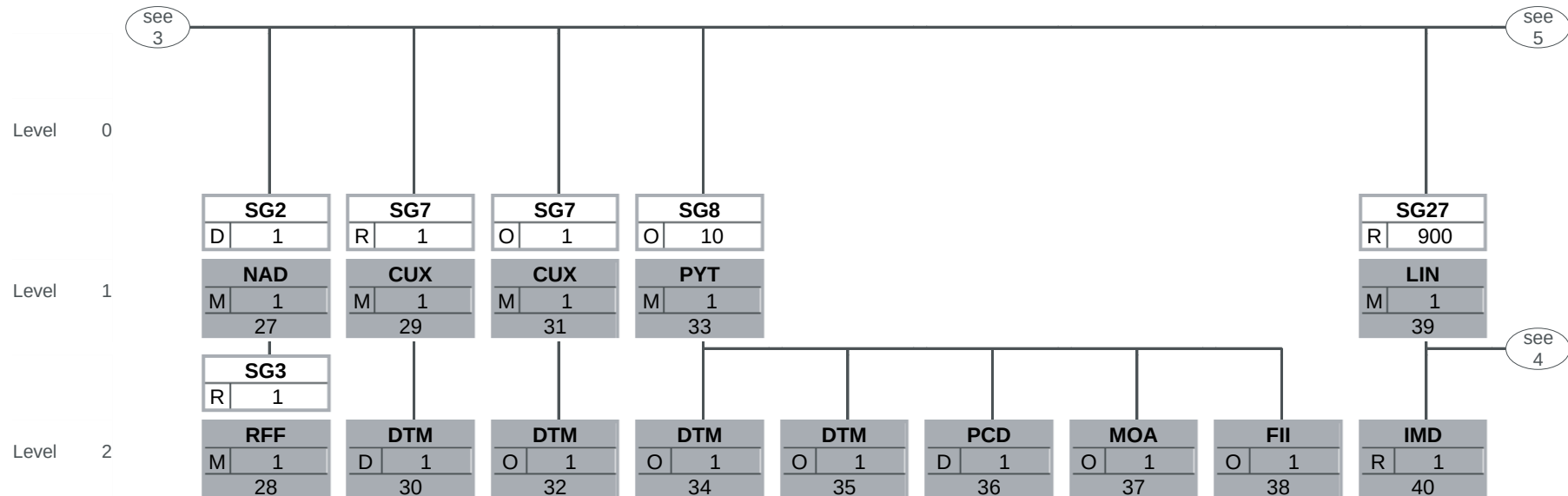
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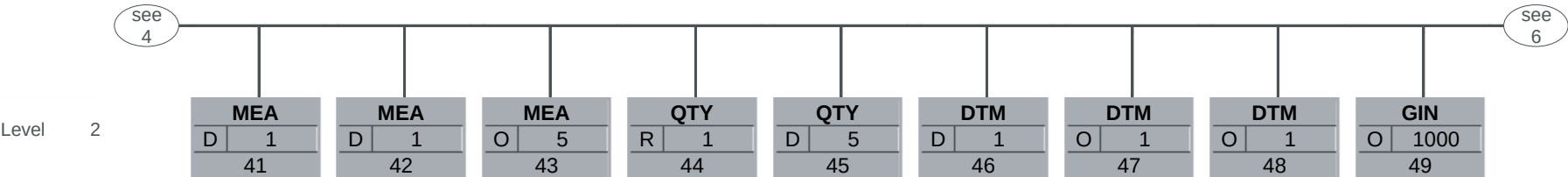
Volkswagen VDA 4938 T4 - Global INVOIC

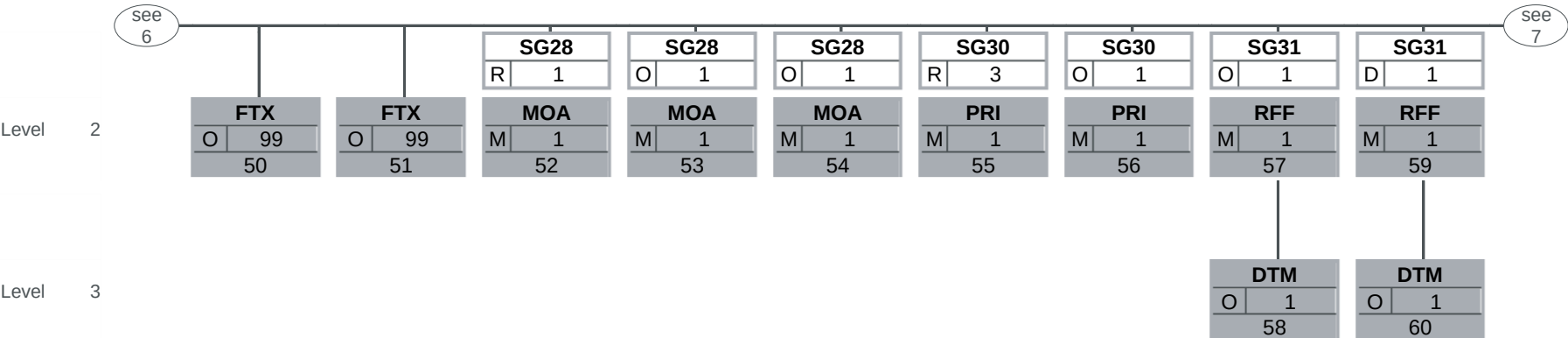
Version: VDA 2.2-VW 1.0 Variant: Frachtrechnung/Freight Invoice

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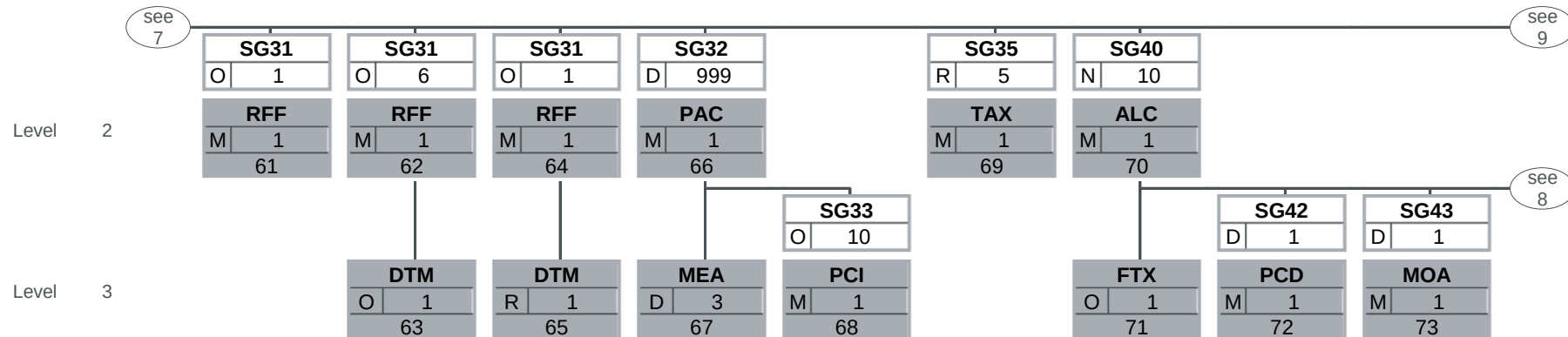
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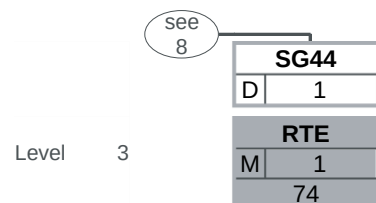
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Version: VDA 2.2-VW 1.0 Variant: Frachtrechnung/Freight Invoice

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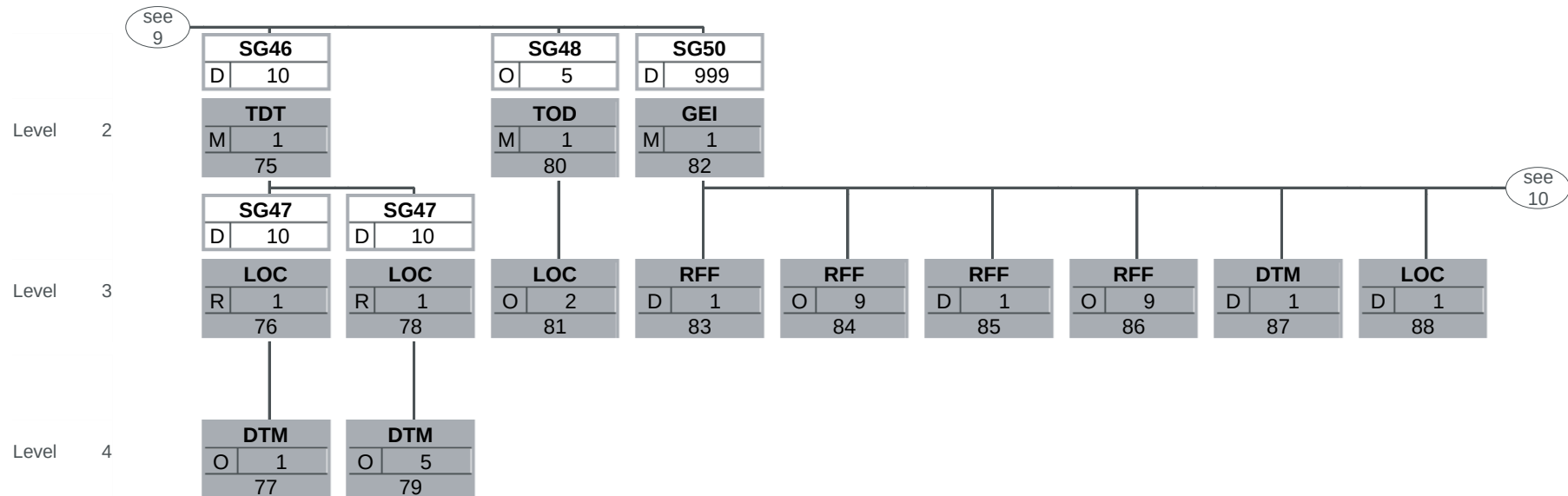
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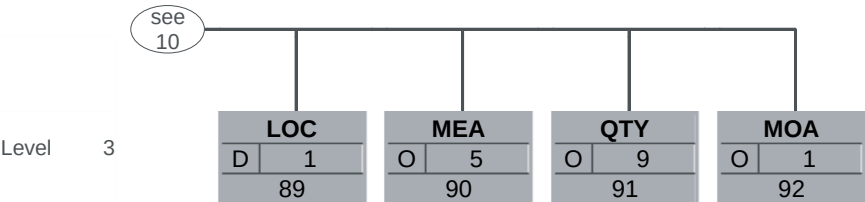
Volkswagen VDA 4938 T4 - Global INVOIC

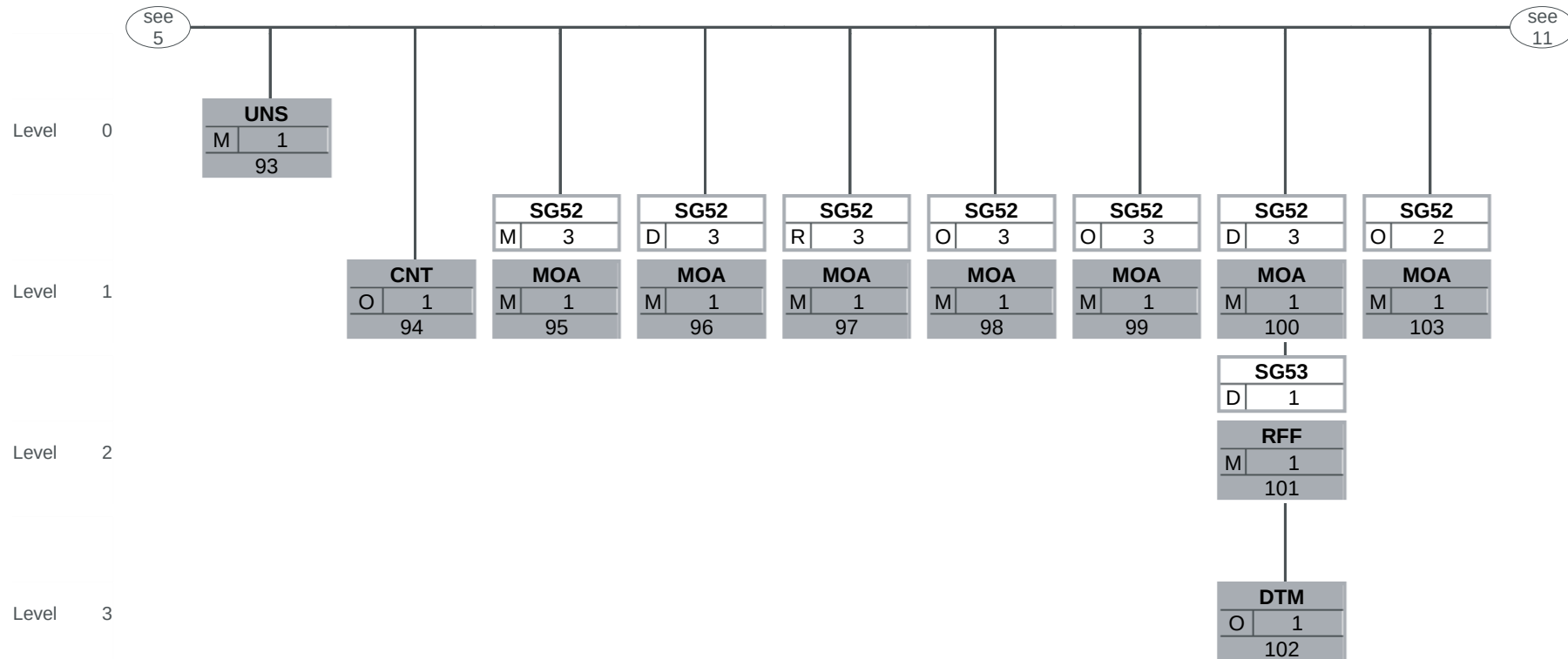
Version: VDA 2.2-VW 1.0 Variant: Frachtrechnung/Freight Invoice

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This message structure described. A documented Segment/Segmentgroup shouldn't have to be assigned always.
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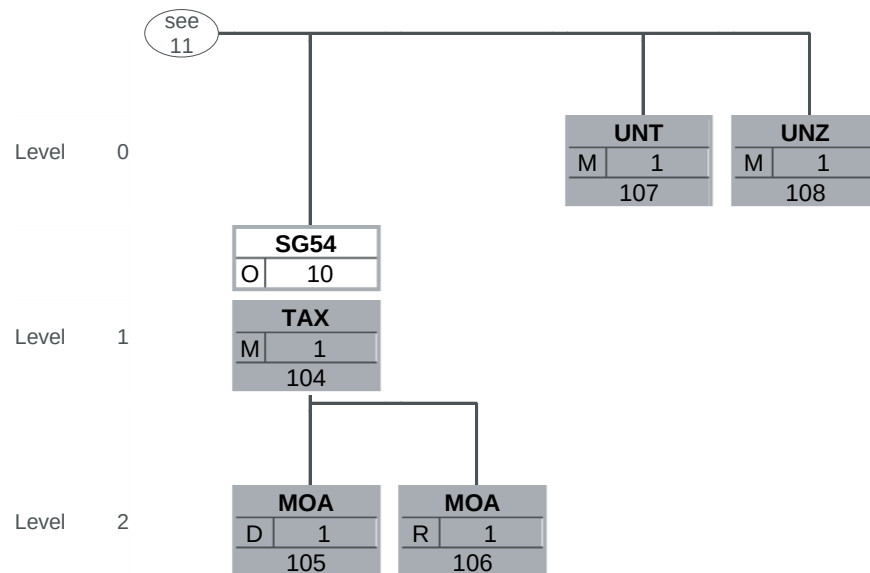
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4 Segment Details

No	Tag	St	MaxOcc	Level	Name
1	UNA	O	1	0	Service string advice

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
UNA1	Component data element separator	M	an1	M	an1	Colon
UNA2	Data element separator	M	an1	M	an1	Plus sign
UNA3	Decimal notation	M	an1	M	an1	Point
UNA4	Release indicator	M	an1	M	an1	Question mark
UNA5	Reserved for future use	M	an1	M	an1	Blank
UNA6	Segment terminator	M	an1	M	an1	Apostrophe

Remark:

Example:

UNA:+.? '

No	Tag	St	MaxOcc	Level	Name
2	UNB	M	1	0	Interchange header

Standard			Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
S001	Syntax identifier	M	M		
0001	Syntax identifier	M a4	M a4	UNOA UN/ECE level A UNOB UN/ECE level B UNOC UN/ECE level C UNOD UN/ECE level D	
0002	Syntax version number	M n1	M n1	2 Version 2 3 Version 3	
S002	Interchange sender	M	M		
0004	Sender identification	M an..35	M an..35		
0007	Partner identification code qualifier	C an..4	N	Not used	
0008	Address for reverse routing	C an..14	C an..14		
S003	Interchange recipient	M	M		
0010	Recipient identification	M an..35	M an..35		
0007	Partner identification code qualifier	C an..4	N	Not used	
0014	Company reference VOLKSWAGEN	C an..14	R n4	Reference to downstream VOLKSWAGEN companies. The company reference key is assigned by VOLKSWAGEN. In normal cases the buyer applies to a certain company reference key . Examples of the first participating companies. Volkswagen AG = 0100 Volkswagen Konzernlogistik GmbH & Co OHG = 4700 Audi AG = 0200 Volkswagen Sachsen GmbH = 0320 More keys will follow in a separate document to this guideline as soon as further VOLKSWAGEN companies will participate in this process.	
S004	Date/time of preparation	M	M		
0017	Date of preparation	M n6	M n6		
0019	Time of preparation	M n4	M n4		
0020	Interchange control reference	M an..14	M an..14		
S005	Recipient's reference, password	C	O		
0022	Recipient's reference/password	M an..14	M an..14		

St = Status

		Standard		Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
0026	Application reference	C	an..14	N		Not used
0029	Processing priority code	C	a1	N		Not used
0031	Acknowledgement request	C	n1	N		Not used
0032	Communications agreement ID	C	an..35	N		Not used
0035	Test indicator	C	n1	O	n1	1 Interchange is a test If a test indicator is transmitted the message is not forwarded to the final receiving system. A verification of the message will be carried out and the sender will receive a report.

Remark:**Example:**

UNB+UNOC:3+OD012345::X+987654321::4700+150220:1446+144659+++++1'

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

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
0062	Message reference number	M	an..14	M	an..14	Message reference number – unique number to identify the message during data interchange, usually a consecutive ascending number beginning with 1.
S009	Message identifier	M		M		
0065	Message type	M	an..6	M	an..6	INVOIC Invoice message
0052	Message version number	M	an..3	M	an..3	D Draft version/UN/EDIFACT Directory
0054	Message release number	M	an..3	M	an..3	13A Release 2013 - A
0051	Controlling agency	M	an..2	M	an..2	UN UN/CEFACT
0057	Association assigned code	C	an..6	R	an6	GAVA22 GAVA22 VDA INVOIC Version 2.2

Remark:**Example:**

UNH+1+INVOIC:D:13A:UN:GAVA22'

No	Tag	St	MaxOcc	Level	Name
4	BGM	M	1	0	Type of invoice and invoice number

Standard			Implementation		
Tag	Name	St	Format	St	Format Usage / Remark
C002	Document/message name	C		R	
1001	Document name code	C	an..3	R	an..3 Code specifying the type of document. Use UN/EDIFACT code list 1001 or JAI code list JAI001. The following explanations are intended to support the standardised usage of different message types: Table of transaction types and their results 326 Partial invoice 380 Commercial invoice 381 Credit note 383 Debit note 386 Prepayment invoice 780 Freight invoice At VOLKSWAGEN, a distinction is only made between two basic types: Invoice and credit note. Document types not listed in this guideline will be rejected.
1131	Code list identification code	C	an..17	N	Not used
3055	Code list responsible agency code	C	an..3	O	an..3 272 Joint Automotive Industry agency
1000	Document name	C	an..35	O	an..35 For services for which data interchange previously involved the computer-controlled settlement of freight charges (MTB), the following content must always be transmitted in DE 1000: "Frachtrechnung_MTB".
C106	Document/message identification	C		R	
1004	Document identifier	C	an..70	R	an..16 Usually, only a numerical value is expected (n...16). As such, only the numerical elements are returned on the payment advice slip as a reference for the payment. Example ACTUAL invoice number: 2011-from-001 is displayed as 2011001 and is used as a reference for the supplier. For numbers with more than 16 digits, only the last 16 digits, when right justified, are processed further.
1225	Message function code	C	an..3	O	an..3 9 Original 7 Duplicate

Remark:**Example:**

BGM+780:::Frachtrechnung+97923947+9'

St = Status

No	Tag	St	MaxOcc	Level	Name
5	DTM	M	1	1	Message date

Standard			Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
C507	Date/time/period	M	M		
2005	Date or time or period function code qualifier	M an..3	M an..3	The message date is perceived as synonym also for the invoice date. 137 Document issue date time	
2380	Date or time or period text	C an..35	R n8		
2379	Date or time or period format code	C an..3	R an..3	102 CCYYMMDD	

Remark:**Example:**

DTM+137:20130416:102'

No	Tag	St	MaxOcc	Level	Name
6	DTM	R	1	1	Delivery or Service Completion Date

Standard			Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
C507	Date/time/period	M	M		
2005	Date or time or period function code qualifier	M an..3	M an..3	1 Service completion date/time, actual	
2380	Date or time or period text	C an..35	R n..12	Service completion date	
2379	Date or time or period format code	C an..3	R an..3	102 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. This segment is to be used to have one unique date that is not dependent on the individual process.

If an invoice contains line items with different tax rates for the same tax type (for instance the standard tax rate increases from 19% in month A to 21% in month B and the invoice covers line items of month A and B) then the allocation of tax amounts related to the different tax rates in the summary section and their allocation to different tax periods in the accounting system has to be done independently of the delivery or service completion date in the header.

The delivery or service completion date must be equal to the latest delivery or service completion date.

In the standard case the date lies in the past or is equal to the Invoice date.

For area freight forwarder invoices, enter the cargo manifesto date here.

Example:

DTM+1:20100308:102'

No	Tag	St	MaxOcc	Level	Name
7	DTM	O	1	1	Delivery /service horizon start date

Standard			Implementation		
Tag	Name	St	Format	St	Format Usage / Remark
C507	Date/time/period	M		M	
2005	Date or time or period function code qualifier	M	an..3	M	an..3 158 Horizon start date
2380	Date or time or period text	C	an..35	R	n..12
2379	Date or time or period format code	C	an..3	R	an..3 102 CCYYMMDD

Remark:

Delivery / Service horizon start date describes the first date of a delivery / service period forming a horizon.

Example:

DTM+158:20150201:102'

No	Tag	St	MaxOcc	Level	Name
8	DTM	O	1	1	Delivery / service horizon end date

Standard			Implementation		
Tag	Name	St	Format	St	Format Usage / Remark
C507	Date/time/period	M		M	
2005	Date or time or period function code qualifier	M	an..3	M	an..3 159 Horizon end date
2380	Date or time or period text	C	an..35	R	n..12
2379	Date or time or period format code	C	an..3	R	an..3 102 CCYYMMDD

Remark:

Delivery / service horizon end date describes the last date of a delivery / service period forming a horizon.

Example:

DTM+159:20150220:102'

No	Tag	St	MaxOcc	Level	Name
9	FTX	O	99	1	Legal info free text

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
4451	Text subject code qualifier	M	an..3	M	an..3	REG Regulatory information TXD Tax declaration TXD is to be used for declaring the reason for tax exemption, valid for all line items. REG is to be used for information required by legislation (e.g. members of the board etc.).
4453	Free text function code	C	an..3	N		Not used
C107	Text reference	C		N		
4441	Free text description code	M	an..17	N		Not used
C108	Text literal	C		R		
4440	Free text	M	an..512	M	an..256	
4440	Free text	C	an..512	O	an..256	see 4440 # 1
4440	Free text	C	an..512	O	an..256	see 4440 # 1
4440	Free text	C	an..512	O	an..256	see 4440 # 1
4440	Free text	C	an..512	O	an..256	see 4440 # 1
3453	Language name code	C	an..3	O	an..3	

Remark:

There must be no more than a total of 99 FTX segments in the header.

The reason for tax exemption (TXD) is taken from the line item of the invoice. If the reason for the tax exemption is equal for all line items the reason can be transmitted in the header section.

Example:

FTX+TXD+++steuerfreie innergemeinschaftliche Lieferung::X:X:X+DE'

No	Tag	St	MaxOcc	Level	Name
10	FTX	O	99	1	Legal info free text

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
4451	Text subject code qualifier	M	an..3	M	an..3	REG Regulatory information TXD Tax declaration TXD is to be used for declaring the reason for tax exemption, valid for all line items. REG is to be used for information required by legislation (e.g. members of the board etc.).
4453	Free text function code	C	an..3	N		Not used
C107	Text reference	C		N		
4441	Free text description code	M	an..17	N		Not used
C108	Text literal	C		R		
4440	Free text	M	an..512	M	an..256	
4440	Free text	C	an..512	O	an..256	see 4440 # 1
4440	Free text	C	an..512	O	an..256	see 4440 # 1
4440	Free text	C	an..512	O	an..256	see 4440 # 1
4440	Free text	C	an..512	O	an..256	see 4440 # 1
3453	Language name code	C	an..3	O	an..3	

Remark:

There must be no more than a total of 99 FTX segments in the header.

The reason for tax exemption (TXD) is taken from the line item of the invoice. If the reason for the tax exemption is equal for all line items the reason can be transmitted in the header section.

Example:

FTX+REG+++Vorsitzender des Aufsichtsrates?: Max Mustermann:X:X:X+DE'

No	Tag	St	MaxOcc	Level	Name
11	FTX	O	99	1	Payment instructions free text

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
4451	Text subject code qualifier	M	an..3	M	an..3	AAB Payment term
4453	Free text function code	C	an..3	N		Not used
C107	Text reference	C		N		
4441	Free text description code	M	an..17	N		Not used
C108	Text literal	C		R		
4440	Free text	M	an..512	M	an..256	
4440	Free text	C	an..512	O	an..256	see 4440 # 1
4440	Free text	C	an..512	O	an..256	see 4440 # 1
4440	Free text	C	an..512	O	an..256	see 4440 # 1
4440	Free text	C	an..512	C	an..256	see 4440 # 1
3453	Language name code	C	an..3	O	an..3	

Remark:

There must be no more than a total of 99 FTX segments in the header.

Example:

FTX+AAB+++X:X:X:X+DE'

No	Tag	St	MaxOcc	Level	Name
12	FTX	O	99	1	General information free text

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
4451	Text subject code qualifier	M	an..3	M	an..3	AAI General information
4453	Free text function code	C	an..3	N		Not used
C107	Text reference	C		N		
4441	Free text description code	M	an..17	N		Not used
C108	Text literal	C		R		
4440	Free text	M	an..512	M	an..256	
4440	Free text	C	an..512	O	an..256	see 4440 # 1
4440	Free text	C	an..512	O	an..256	see 4440 # 1
4440	Free text	C	an..512	O	an..256	see 4440 # 1
4440	Free text	C	an..512	O	an..256	see 4440 # 1
3453	Language name code	C	an..3	O	an..3	

Remark:

There must be no more than a total of 99 FTX segments in the header.

Example:

FTX+AAI+++Bitte beachten Sie unsere geaenderte Bankverbindung:X:X:X+DE'

No	Tag	St	MaxOcc	Level	Name
13	GEI	O	1	1	Processing information

Standard			Implementation		
Tag	Name	St	Format	St	Format Usage / Remark
9649	Processing information code qualifier	M	an..3	M	an..3 LC Logistics cost
C012	Processing indicator	C		O	
7365	Processing indicator description code	C	an..3	N	Not used
1131	Code list identification code	C	an..17	N	Not used
3055	Code list responsible agency code	C	an..3	O	an..3 272 Joint Automotive Industry agency

Remark:

Example:

GEI+LC+::272'

No	Tag	St	MaxOcc	Level	Name
	SG1	O	5	1	Other Reference
14	RFF	M	1	1	Reference number

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C506	Reference	M		M		
1153	Reference code qualifier	M	an..3	M	an..3	Use qualifier IV only together with credit notes or debit notes, which are related to previous invoice documents/messages. Qualifier PQ: denominates a reference, which has to be given on the payment of the invoice. Qualifier ANJ: used to identify official registration or authorisation number, assigned to the invoice by tax authorities, e.g. in Mexico the UUID. Qualifier AGK: can be used to create a logical bracket comprising several invoice messages. Qualifier AST: used to transmit a cumulation number (various self billed invoices are grouped together, e.g. on a daily basis, and the subsequent remittance advice contains only the cumulation number as a reference). Qualifier AVS: mandate reference - necessary, if SEPA direct debit procedure is used for payment. AGK Application reference number AST Group reference number AVS Mandate Reference DL Debit note number IV Invoice document identifier PQ Payment reference ANJ Authorization number
1154	Reference identifier	C	an..70	R	an..70	Reference number

Remark:**Example:**

RFF+AGK:12345678'

No	Tag	St	MaxOcc	Level	Name
	SG2	R	1	1	Buyer
15	NAD	M	1	1	Buyer's Name and Address

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
3035	Party function code qualifier	M	an..3	M	an..3	BY Buyer
C082	Party identification details	C		R		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.
3039	Party identifier	M	an..35	M	an..35	The customer number assigned to the Volkswagen-internal invoice recipient must be transmitted for invoices for the computer-controlled settlement of freight charges (MTB). Example: 600 = Volkswagen Konzernlogistik
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	R	an..3	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
C058	Name and address	C		N		
3124	Name and address description	M	an..35	N		Not used
C080	Party name	C		R		
3036	Party name	M	an..70	M	an..70	
3036	Party name	C	an..70	O	an..70	see 3036 # 1
3036	Party name	C	an..70	O	an..70	see 3036 # 1
3036	Party name	C	an..70	O	an..70	see 3036 # 1
C059	Street	C		O		
3042	Street and number or post office box identifier	M	an..35	M	an..35	
3042	Street and number or post office box identifier	C	an..35	O	an..35	see 3042 # 1
3164	City name	C	an..35	R	an..35	
C819	Country subdivision details	C		N		
3229	Country subdivision identifier	C	an..9	N		Not used
3251	Postal identification code	C	an..17	R	an..17	
3207	Country identifier	C	an..3	R	a2	

Remark:

St = Status

Party to whom the service is sold.

In the context of this recommendation, this is also the invoice receiver (invoicee) if there is no invoicee separately specified.

Example:

NAD+BY+600::92++Volkswagen Konzernlogistik GmbH & Co OHG::X:X+Heßlingerstraße 12:X+Wolfsburg++38
436+DE'

No	Tag	St	MaxOcc	Level	Name
	SG2	R	1	1	Buyer
	SG3	O	4	2	Buyer's reference number(s)
16	RFF	M	1	2	Buyer's reference number(s)

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C506	Reference	M		M		
1153	Reference code qualifier	M	an..3	M	an..3	ANK may be used to transmit the DUNS number in addition to customer or supplier number in the NAD segment. This is only necessary if both numbers have to be transmitted. If only the DUNS number is required, the the NAD DE 3019 shall be used. ANK Reference number assigned by third party FC Fiscal number ADE Account number XA Company/place registration number
1154	Reference identifier	C	an..70	R	an..35	For 1153=ADE: The account ID of a party, allocated by a trading partner for the debits or credits account used within the internal information processing and financial system. There is not always a one to one relationship between this number and the party's identification number. For 1153=FC: Tax payer's number. Number assigned to individual persons as well as to corporates by a public institution; this number is different from the VAT registration number. For 1153=XA: Identifier of a company in the commercial registry

Remark:**Example:**

RFF+ANK:315877076'

No	Tag	St	MaxOcc	Level	Name
	SG2	R	1	1	Buyer
	SG3	D	3	2	Buyer's VAT number(s)
The German VAT no. is to be transmitted for deliveries from EU member states to Germany.					
17	RFF	M	1	2	Buyer's VAT number(s)

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C506	Reference	M		M		
1153	Reference code qualifier	M	an..3	M	an..3	VA VAT registration number
1154	Reference identifier	C	an..70	R	an..17	For 1153=VA: Unique number assigned by the relevant tax authority to identify a party for use in relation to Value Added Tax (VAT).

Remark:**Example:**

RFF+VA:DE811115489'

No	Tag	St	MaxOcc	Level	Name
	SG2	R	1	1	Buyer
	SG5	O	1	2	Information contact
18	CTA	M	1	2	Contact information

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
3139	Contact function code	C	an..3	R	an..3	IC Information contact
C056	Contact details	C		O		
3413	Contact identifier	C	an..17	O	an..17	
3412	Contact name	C	an..256	O	an..35	

Remark:**Example:**

CTA+IC+X:X'

No	Tag	St	MaxOcc	Level	Name
	SG2	R	1	1	Buyer
	SG5	O	1	2	Information contact
19	COM	O	4	3	Communication contact

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C076	Communication contact	M		M		
3148	Communication address identifier	M	an..512	M	an..100	Buyer's Communication Number
3155	Communication means type code	M	an..3	M	an..3	EM Electronic mail FX Telefax IM Internal mail TE Telephone

Remark:

Example:

COM+X:TE'

No	Tag	St	MaxOcc	Level	Name
	SG2	R	1	1	Seller
20	NAD	M	1	1	Seller's name and address

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
3035	Party function code qualifier	M	an..3	M	an..3	SE Seller
C082	Party identification details	C		R		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.
3039	Party identifier	M	an..35	R	an..35	Complete suppliers number which was assigned by the buyer to the seller. VW/Audi/VW Konzernlogistik Europa: Complete supplier number (n10) inclusive the two digits index
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	R	an..3	92 Assigned by buyer or buyer's agent
C058	Name and address	C		N		
3124	Name and address description	M	an..35	N		Not used
C080	Party name	C		R		
3036	Party name	M	an..70	M	an..70	
3036	Party name	C	an..70	O	an..70	see 3036 # 1
3036	Party name	C	an..70	O	an..70	see 3036 # 1
3036	Party name	C	an..70	O	an..70	see 3036 # 1
C059	Street	C		O		
3042	Street and number or post office box identifier	M	an..35	M	an..35	
3042	Street and number or post office box identifier	C	an..35	O	an..35	see 3042 # 1
3164	City name	C	an..35	O	an..35	
C819	Country subdivision details	C		N		
3229	Country subdivision identifier	C	an..9	N		Not used
3251	Postal identification code	C	an..17	R	an..17	
3207	Country identifier	C	an..3	R	a2	

Remark:

Seller: in this guideline the seller of transport services, usually the forwarder. In the context of this guideline this is also the invoice issuer.

Example:

NAD+SE+0027934700::92++Spedition Rudolf:X:X:X+Transportallee 1:X+Transstadt++99999+DE'

St = Status

No	Tag	St	MaxOcc	Level	Name
	SG2	R	1	1	Seller
	SG3	O	5	2	Seller's reference number(s)
21	RFF	M	1	2	Seller's VAT number

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C506	Reference	M		M		
1153	Reference code qualifier	M	an..3	M	an..3	VA VAT registration number For services from EU countries to Germany the VAT ID must be transmitted. When VAT is calculated, the VAT ID number (RFF+VA) and/or the tax number (RFF+FC) must be entered.
1154	Reference identifier	C	an..70	R	an..70	1153=VA: Unique identifier allocated to a business partner by the tax authority for VAT matters.

Remark:**Example:**

RFF+VA:DE34287348'

No	Tag	St	MaxOcc	Level	Name
	SG2	R	1	1	Seller
	SG3	D	1	2	Seller's tax number
	If VAT is charged the seller's value added tax identification number and/or tax number must be populated.				
22	RFF	M	1	2	Seller's tax number

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C506	Reference	M		M		
1153	Reference code qualifier	M	an..3	M	an..3	FC Fiscal number
1154	Reference identifier	C	an..70	R	an..70	1153=FC: Tax number: A number allocated to individual persons and companies by public institutions. This number is not identical to the VAT ID.

Remark:**Example:**

RFF+FC:99/011/12345'

No	Tag	St	MaxOcc	Level	Name
	SG2	R	1	1	Seller
	SG3	R	1	2	Seller's reference number(s)
23	RFF	M	1	2	DUNS no.

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C506	Reference	M		M		
1153	Reference code qualifier	M	an..3	R	an..3	ANK Reference number assigned by third party DUNS no.
1154	Reference identifier	C	an..70	R	an..70	1153=ANK: DUNS Nummer For 1153=ANK: DUNS number

Remark:

Example:

RFF+ANK:987654321'

No	Tag	St	MaxOcc	Level	Name
	SG2	R	1	1	Seller
	SG3	O	1	2	Seller's reference number(s)
24	RFF	M	1	2	Commercial register no.

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C506	Reference	M		M		
1153	Reference code qualifier	M	an..3	M	an..3	XA Company/place registration number Commercial register no. if available.
1154	Reference identifier	C	an..70	R	an..70	For 1153=XA: Identifier of a company in the commercial registry

Remark:**Example:**

RFF+XA:A1'

No	Tag	St	MaxOcc	Level	Name
	SG2	R	1	1	Seller
	SG5	O	1	2	Information contact
25	CTA	M	1	2	Information contact

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
3139	Contact function code	C	an..3	C	an..3	IC Information contact
C056	Contact details	C		O		
3413	Contact identifier	C	an..17	O	an..17	
3412	Contact name	C	an..256	O	an..35	

Remark:**Example:**

CTA+IC+:Max Mueller'

No	Tag	St	MaxOcc	Level	Name
	SG2	R	1	1	Seller
	SG5	O	1	2	Information contact
26	COM	O	5	3	Communication contact

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C076	Communication contact	M		M		
3148	Communication address identifier	M	an..512	M	an..100	Communication number / address
3155	Communication means type code	M	an..3	M	an..3	TE Telephone FX Telefax EM Electronic mail IM Internal mail

Remark:**Example:**

COM+max.mueller(a)volkswagen.de:EM'

No	Tag	St	MaxOcc	Level	Name
	SG2	D	1	1	Tax representative party
27	NAD	M	1	1	Tax representative's name and address

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
3035	Party function code qualifier	M	an..3	M	an..3	LC Party declaring the Value Added Tax (VAT)
C082	Party identification details	C		N		
3039	Party identifier	M	an..35	M	an..35	
C058	Name and address	C		N		
3124	Name and address description	M	an..35	N		Not used
C080	Party name	C		R		All partners listed in the invoice document are transmitted along with full name and address details. The partner ID can also be transmitted in order to ensure automated processing and assignment to internal databases.
3036	Party name	M	an..70	M	an..70	
3036	Party name	C	an..70	O	an..70	see 3036 # 1
3036	Party name	C	an..70	O	an..70	see 3036 # 1
3036	Party name	C	an..70	O	an..70	see 3036 # 1
C059	Street	C		R		
3042	Street and number or post office box identifier	M	an..35	M	an..35	
3042	Street and number or post office box identifier	C	an..35	C	an..35	see 3042 # 1
3164	City name	C	an..35	R	an..35	
C819	Country subdivision details	C		N		
3229	Country subdivision identifier	C	an..9	N		Not used
3251	Postal identification code	C	an..17	R	an..17	
3207	Country identifier	C	an..3	R	a2	

Remark:**Example:**

NAD+LC+++X:X:X:X+X++X+DE'

St = Status

No	Tag	St	MaxOcc	Level	Name
	SG2	D	1	1	Tax representative party
	SG3	R	1	2	VAT registration number
28	RFF	M	1	2	VAT registration number

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C506	Reference	M		M		
1153	Reference code qualifier	M	an..3	M	an..3	VA VAT registration number
1154	Reference identifier	C	an..70	R	an..17	Unique identifier allocated to a business partner by the tax authority for VAT matters.

Remark:**Example:**

RFF+VA:DE123456789'

No	Tag	St	MaxOcc	Level	Name
	SG7	R	1	1	Invoice and home or payment currency
29	CUX	M	1	1	Currencies

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C504	Invoice currency	C		C		
6347	Currency usage code qualifier	M	an..3	M	an..3	2 Reference currency
6345	Currency identification code	C	an..3	R	an..3	
6343	Currency type code qualifier	C	an..3	R	an..3	4 Invoicing currency
C504	Home or payment currency	C		O		
6347	Currency usage code qualifier	M	an..3	M	an..3	3 Target currency
6345	Currency identification code	C	an..3	R	an..3	
6343	Currency type code qualifier	C	an..3	R	an..3	3 Home currency 11 Payment currency
5402	Currency exchange rate	C	n..12	O	n..12	

Remark:

If the invoicing currency is the official domestic currency, this segment group can be omitted (this may depend on national fiscal requirements). Otherwise it is used to state the necessary currencies.

It has to contain the invoice currency and may contain home or payment currency.
Invoicing currency is always to be given in the first occurrence of the CUX segment, C504#1 as follows:
6347: '2', 6345: currency, 6343: '4'

If a different payment or home currency is to be given, the second occurrence of C504 in the CUX segment is to be used as follows:
second 6347: '3' , second 6345: currency, and second 6343: '3' or '11'. Data element 5402 contains the currency conversion rate.

If three currencies have to be transmitted, another SG7 - CUX, DTM has to be created and the following rule shall apply:

SG7#1 CUX C504#1: invoice currency (see above)
SG7#1 CUX C504#2: payment currency (see above)
SG7#2 CUX C504#1: home currency (see below)
6347 '3' 6345 Currency 6343 '3'

Home currency: in some countries it is a requirement that, for invoicing in foreign currency, the invoice taxable and tax (e.g. VAT) amounts must also be expressed in home currency. Relating this to the CUX segments, authorities would require the invoicing currency and the home currency to be shown, together with the rate of exchange (element 5402).

Example:

CUX+2:EUR:4+3:USD:11+1.4567'

No	Tag	St	MaxOcc	Level	Name
	SG7	R	1	1	Invoice and home or payment currency
30	DTM	D	1	2	Exchange rate date

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C507	Date/time/period	M		M		
2005	Date or time or period function code qualifier	M	an..3	M	an..3	134 Rate of exchange date/time
2380	Date or time or period text	C	an..35	R	n8	To specify the date a given exchange rate between two currencies has been calculated (or has been published by other sources).
2379	Date or time or period format code	C	an..3	R	an..3	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+134:20110729:102'

No	Tag	St	MaxOcc	Level	Name
	SG7	O	1	1	Home currency
31	CUX	M	1	1	Home currency

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C504	Currency details	C		R		
6347	Currency usage code qualifier	M	an..3	M	an..3	3 Target currency
6345	Currency identification code	C	an..3	R	an..3	
6343	Currency type code qualifier	C	an..3	R	an..3	3 Home currency
C504	Currency details	C		N		
6347	Currency usage code qualifier	M	an..3	N		Not used
5402	Currency exchange rate	C	n..12	O	n..12	Exchange rate between the invoice currency and the home(domestic) currency.

Remark:

In some countries it is a requirement that, for invoicing in foreign currency, the invoice taxable and tax (e.g. VAT) amounts must also be expressed in home currency. Relating this to the CUX segments, authorities would require the invoicing currency and the home currency to be shown, together with the rate of exchange (element 5402).

Invoicing currency is always to be given in the first occurrence of the CUX segment.

Example:

CUX+3:HUF:3++123456789'

No	Tag	St	MaxOcc	Level	Name
	SG7	O	1	1	Home currency
32	DTM	O	1	2	Exchange rate date

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C507	Date/time/period	M		M		
2005	Date or time or period function code qualifier	M	an..3	M	an..3	134 Rate of exchange date/time
2380	Date or time or period text	C	an..35	O	n8	To specify the date, a given exchange rate between two currencies has been calculated (or has been published by other sources).
2379	Date or time or period format code	C	an..3	R	an..3	102 CCYYMMDD

Remark:

This exchange rate date has to be specified only when it differs from the exchange rate date given in the previous segment group.

Example:

DTM+134::102'

No	Tag	St	MaxOcc	Level	Name
	SG8	O	10	1	Payment instructions
33	PYT	M	1	1	Payment terms

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
4279	Payment terms type code qualifier	M	an..3	M	an..3	1 Basic 22 Discount If cash discount agreements exist or cash discounts are granted the transmission of code 22 is required!
C019	Payment terms	C		N		
4277	Payment terms description identifier	C	an..17	N		Not used
2475	Event time reference code	C	an..3	O	an..3	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
2009	Terms time relation code	C	an..3	O	an..3	Code relating terms to a reference date, time or period. 1 Reference date 2 Before reference 3 After reference 4 End of 10-day period containing the reference date 5 End of 2-week period containing the reference date 6 End of month containing the reference date 8 End of quarter containing the reference date 9 End of year containing the reference date 12 End of half year containing the reference date
2151	Period type code	C	an..3	O	an..3	Code identifying a period 3M Quarter 6M Half-year D Day M Month P Four month period W Week Y Year
2152	Period count quantity	C	n..3	O	n..3	Actual number of periods (days, weeks etc.) belonging to a payment term.

Remark:**Example:**

PYT+22++5+3+D+14'

St = Status

No	Tag	St	MaxOcc	Level	Name
	SG8	O	10	1	Payment instructions
34	DTM	O	1	2	Payment due date

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C507	Date/time/period	M		M		
2005	Date or time or period function code qualifier	M	an..3	M	an..3	140 Payment due date
2380	Date or time or period text	C	an..35	R	n8	Fälligkeitsdatum: Datum, zu dem eine Zahlung Fällig ist, um den vereinbarten Zahlungsbedingungen zu entsprechen.
2379	Date or time or period format code	C	an..3	R	an..3	102 CCYYMMDD

Remark:

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

Example:

DTM+140:20110731:102'

No	Tag	St	MaxOcc	Level	Name
	SG8	O	10	1	Payment instructions
35	DTM	O	1	2	Reference date/time

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C507	Date/time/period	M		M		
2005	Date or time or period function code qualifier	M	an..3	M	an..3	171 Reference date/time
2380	Date or time or period text	C	an..35	R	n8	Date, the referenced document was issued, usually the invoice issue date
2379	Date or time or period format code	C	an..3	O	an..3	102 CCYYMMDD

Remark:

The reference date is related to data element 2009 or code ZZZ in DE 2475 in the previous PYT segment. If data element 2009 is filled, this reference date has to be specified.

Example:

DTM+171:20110715:102'

No	Tag	St	MaxOcc	Level	Name
	SG8	O	10	1	Payment instructions
36	PCD	D	1	2	Discount, payment or instalment percentage

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C501	Percentage details	M		M		
5245	Percentage type code qualifier	M	an..3	M	an..3	Payment Variation Qualifier 7 Percentage of invoice 12 Discount 122 Percentage of total payment Code 7 must be used in conjunction with code 262 in the following MOA segment, DE 5025. Code 12 must be used in conjunction with code 52 in MOA, DE 5025. Code 122 requires code 77 in the MOA segment. Code 122 is used to indicate the percentages of the total payment that is covered by the payment means, which is specified in the triggering PYT segment.
5482	Percentage	C	n..10	R	n..10	Amount expressed as a percentage deductible from the total amount due if payment takes place within a specified period or before the fixed due date. Percentage of an (e.g. invoice) total amount - used to specify e.g. payment variations or instalment payments. Amount expressed as a percentage added to the total amount due for payment.

Remark:

This segment specifies - dependent on qualifier of leading PYT segment - the discount percentage or the percentage of an invoice amount that an instalment is based on. The following MOA segment has to match this percentage, if given.

UK: Present HM Customs rules are that where invoice discounts (PYT/4279 = "22") are offered, based on a percentage of the invoice, then the percentage rate must also be explicitly declared - in such cases, the optional PCD segment would be mandatory for UK invoicing purposes. Please note also that, where (settlement) discounts are allowed, the VAT on the invoice is based on the discounted invoice amounts, irrespective of whether the terms of the discount are actually taken up by the Buyer.

If a cash discount agreement exists (PYT+22) the transmission of the segments PCD+12 and MOA+52 is not required.

Example:

PCD+12:3.00'

No	Tag	St	MaxOcc	Level	Name
	SG8	O	10	1	Payment instructions
37	MOA	O	1	2	Instalment or payment discount amount

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C516	Monetary amount	M		M		
5025	Monetary amount type code qualifier	M	an..3	M	an..3	52 Discount amount 262 Instalment amount
5004	Monetary amount	C	n..35	R	n..15	Value of a discount amount in currency units Value of an instalment monetary amount in currency units Value of a penalty monetary amount in currency units
6345	Currency identification code	C	an..3	R	an..3	Currency code according to specification in CUX segment(s).

Remark:

If a cash discount agreement exists (PYT+22) the transmission of the segments PCD+12 and MOA+52 is not required.

Example:

MOA+52:30.00:EUR'

No	Tag	St	MaxOcc	Level	Name
	SG8	O	10	1	Payment instructions
38	FII	O	1	2	Financial institution information

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
3035	Party function code qualifier	M	an..3	M	an..3	RH Seller's financial institution
C078	Account holder identification	C		R		
3194	Account holder identifier	C	an..35	R	an..35	For IBAN, a length of 34 bytes is necessary. Account number at the financial institution where this account is held.
3192	Account holder name	C	an..35	O	an..35	Name of the official account holder, as registered with a financial institution.
3192	Account holder name	C	an..35	O	an..35	See 3192#1
6345	Currency identification code	C	an..3	N		Not used
C088	Institution identification	C		O		Information which identifies or makes reference to a financial institution in accordance with legal and business requirements.
3433	Institution name code	C	an..11	O	an..11	Bank identifier as assigned by S.W.I.F.T. organisation.
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	O	an..3	17 S.W.I.F.T.
3434	Institution branch identifier	C	an..17	O	an..17	Unique number allocated to a financial institution or a branch of this institution for the purposes of identification – e.g. sort code.
1131	Code list identification code	C	an..17	O	an..17	Identifier of a code list, assigned by the responsible organisation or agency
3055	Code list responsible agency code	C	an..3	O	an..3	Agency responsible for code list / identifier maintenance
3432	Institution name	C	an..70	O	an..70	The name of the financial institution

Remark:

VOLKSWAGEN: The information is not currently being processed or analysed. However, an interchange is optional.

Example:

FII+RH+4433221100:Iron Parts Ltd.+::10090000::131:Volksbank'

St = Status

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
39	LIN	M	1	1	Line item and article nuber

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
1082	Line item identifier	C	an..6	R	an..6	Sequential item number generated by the sender to identify an item within the message.

Remark:

When used for transport services, each line item represents an individual transport leg, e.g. pre carriage, main carriage ... The transport leg may concern one or several shipments. Individual shipment details can be transmitted in SG 50.

Example:

LIN+1'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
40	IMD	R	1	2	Description of the service

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
7077	Description format code	C	an..3	N		Not used
C272	Item characteristic	C		N		
7081	Item characteristic code	C	an..3	N		Not used
C273	Item description	C		R		
7009	Item description code	C	an..17	D	an..17	AAA Transshipment service, inbound (materials, vehicles, spareparts) AAB Transshipment service, outbound (materials, vehicles, spareparts) AAC Extra tour, outbound (materials) AAD Extra tour, inbound (materials) AAE Materials, inbound (small shipments, consolidated cargo) AAF Materials, outbound (small shipments, consolidated cargo) AAV Third party transaction AAG Pre carriage, inbound (materials) AAH Pre carriage, outbound (materials) AAI Single, inbound (direct shipment) AAJ Single, outbound (direct shipment) (materials) AAK Return load outbound (direct shipment) AAL Return load inbound (direct shipment) AAM Inter plant, outbound, single (materials) AAN Inter plant, inbound, single (materials) AAO Inter plant, return load, outbound (materials) AAP Inter plant, return load, inbound (materials) AAQ Inter plant, standard rate (materials) AAR Inter plant, special rate (additional/ extra cargo with consolidated cargo) (materials) AAS Charter, outbound (materials) AAT Charter, inbound (materials) AAU Demurrage fee (materials) ABA TISYS, outbound ABB TISYS, inbound Type of service, encrypted; issued individually by client/customer Synonyms: relation key/invoice key A code must always be transmitted for "Freight invoices_MTB" (BGM, DE 1000).

St = Status

Volkswagen VDA 4938 T4 - Global INVOIC

29.11.2016

Version: VDA 2.2-VW 1.0 Variant: Frachtrechnung/Freight Invoice

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Standard			Implementation		
Tag	Name	St	Format	St	Format Usage / Remark
1131	Code list identification code	C	an..17	N	See appendix for comparison of MTB codes vs. JAI codes Not used
3055	Code list responsible agency code	C	an..3	O	an..3 92 Assigned by buyer or buyer's agent
7008	Item description	C	an..256	R	an..256 The short name or description of an article or service in plain text.
7008	Item description	C	an..256	O	an..256 see 7008 # 1
3453	Language name code	C	an..3	O	an..3 Code specifying the language name. Use ISO 639-1988

Remark:**Example:**

IMD+++AAK::92:Rundlauf Eingang::DE'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
41	MEA	D	1	2	Total gross weight

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
6311	Measurement purpose code qualifier	M	an..3	M	an..3	AAX Consignment measurement
C502	Measurement details	C		R		
6313	Measured attribute code	C	an..3	R	an..3	Frachtrechnung_MTB: AAD must always be transmitted. AAD Consignment gross weight
C174	Value/range	C		R		
6411	Measurement unit code	M	an..8	M	an..8	KGM kilogram
6314	Measure	C	an..18	R	an..18	

Remark:

Freight invoice_MTB

The gross weight must always be transmitted. Exception: allowances or charges for an MTB invoice item.

Example:

MEA+AAX+AAD+KGM:100.00'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
42	MEA	D	1	2	Volume

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
6311	Measurement purpose code qualifier	M	an..3	M	an..3	AAX Consignment measurement
C502	Measurement details	C		R		
6313	Measured attribute code	C	an..3	R	an..3	Frachtrechnung_MTB: ABJ must always be transmitted. ABJ Volume
C174	Value/range	C		R		
6411	Measurement unit code	M	an..8	M	an..8	MTQ cubic metre
6314	Measure	C	an..18	R	an..18	

Remark:

Freight invoice_MTB

The volume must always be transmitted. Exception: allowances or charges for an MTB invoice item.

Example:

MEA+AAX+ABJ+MTQ:100.00'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
43	MEA	O	5	2	Dimensions and weights

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
6311	Measurement purpose code qualifier	M	an..3	M	an..3	AAX Consignment measurement
C502	Measurement details	C		R		
6313	Measured attribute code	C	an..3	R	an..3	AAC Total net weight ACV Loading meters AEC Calculated weight WU Weight per unit of length ACG Chargeable weight WU Weight per unit of length
C174	Value/range	C		R		
6411	Measurement unit code	M	an..8	M	an..8	KGM kilogram MTR metre MTQ cubic metre TNE tonne (metric ton)
6314	Measure	C	an..18	R	an..18	

Remark:

Example:

MEA+AAX+AAC+KGM:100.00'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
44	QTY	R	1	2	Invoiced quantity

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C186	Quantity details	M		M		
6063	Quantity type code qualifier	M	an..3	M	an..3	47 Invoiced quantity
6060	Quantity	M	an..35	M	n..15	Invoiced quantity value
6411	Measurement unit code	C	an..8	R	an..3	Code specifying the unit of measurement. C62 one PCE piece E48 service unit GRM gram HUR hour KMT kilometre KGM kilogram LTR litre MTK square metre MTQ cubic metre NMI nautical mile NMP number of packs NPR number of pairs NRL number of rolls NV vehicle SET set SMI mile (statute mile) TNE tonne (metric ton)

Remark:

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

Example:

QTY+47:1:PCE'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
45	QTY	D	5	2	Calculation basis for transportation stage

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C186	Quantity details	M		M		
6063	Quantity type code qualifier	M	an..3	M	an..3	The codes are to be interpreted as follows: 49 = billable distance (in km or nmi) 100 = point load or minimum weight per m2 or load metre 101 = chargeable gross weight 109 = chargeable volume 111 = chargeable area 112 = chargeable load metre 473 = density 49 Chargeable distance 100 Chargeable weight 101 Chargeable gross weight 109 Chargeable volume 111 Chargeable surface 112 Chargeable length 473 Order sizing factor
6060	Quantity	M	an..35	M	n..10	
6411	Measurement unit code	C	an..8	R	an..3	KGM kilogram KMT kilometre MTK square metre MTQ cubic metre MTR metre NMI nautical mile SMI mile (statute mile) TNE tonne (metric ton)

Remark:

This segment can be used to communicate the dimensions, weights or distances needed to determine the price. Density: consignment volume X minimum weight per cubic metre ("minimum weight" means that at least this weight must be paid even if the actual weight is lower). A different process calculates this value by dividing the number of consignment load metres by the minimum weight per load metre: Point load = minimum weight per load metre ("minimum weight" means that at least this weight must be paid even if the actual weight is lower). QTY (2) must always be transmitted for Frachtrechnung_MTB.

Example:

QTY+101:2000.00:KGM'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
46	DTM	D	1	2	Delivery or service completion date

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C507	Date/time/period	M		M		
2005	Date or time or period function code qualifier	M	an..3	M	an..3	1 Service completion date/time, actual
2380	Date or time or period text	C	an..35	R	n..12	Service completion date
2379	Date or time or period format code	C	an..3	R	an..3	102 CCYYMMDD

Remark:

If there are several delivery/service dates for the items in an invoice, then the delivery/service dates must be transmitted separately for each item. The delivery date at header level contains the last item delivery date and determines the allocation of taxes to a tax period.

For Frachtrechnung_MTB, enter the cargo manifesto date here.

Example:

DTM+1:20100308:102'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
47	DTM	O	1	2	Date of order entry at forwarder

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C507	Date/time/period	M		M		
2005	Date or time or period function code qualifier	M	an..3	M	an..3	121 Entry date
2380	Date or time or period text	C	an..35	R	n..12	Datum
2379	Date or time or period format code	C	an..3	R	an..3	102 CCYYMMDD

Remark:

Auftragserfassungsdatum des Spediteurs

Example:

DTM+121:20150213:102'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
48	DTM	O	1	2	Shipping date

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C507	Date/time/period	M		M		
2005	Date or time or period function code qualifier	M	an..3	M	an..3	11 Despatch date and or time
2380	Date or time or period text	C	an..35	R	Versand	
2379	Date or time or period format code	C	an..3	R	an..3	102 CCYYMMDD 203 CCYYMMDDHHMM

Remark:

Example:

DTM+11:20150213:102'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
49	GIN	O	1000	2	Goods identity number

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
7405	Object identification code qualifier	M	an..3	M	an..3	BL Vehicle registration number BN Serial number VV Vehicle identity number
C208	Identity number range	M		M		
7402	Object identifier	M	an..35	R	an..35	VIN of the parts / assemblies / car (7405 = VV) Serial number of the article (7405 = BN) License plate (7405 = BL)

Remark:**Example:**

GIN+VV+WVW12345'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
50	FTX	O	99	2	Tax exemption reason text

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
4451	Text subject code qualifier	M	an..3	M	an..3	TXD Tax declaration
4453	Free text function code	C	an..3	N		Not used
C107	Text reference	C		N		
4441	Free text description code	M	an..17	N		Not used
C108	Text literal	C		R		
4440	Free text	M	an..512	M	an..256	Tax exemption reason text (reference to the provision in the EU directive in text)
4440	Free text	C	an..512	O	an..256	See DE 4440 #1
4440	Free text	C	an..512	O	an..256	See DE 4440 #1
4440	Free text	C	an..512	O	an..256	See DE 4440 #1
4440	Free text	C	an..512	O	an..256	See DE 4440 #1
3453	Language name code	C	an..3	O	an..3	Code specifying the language name. Use ISO 639-1988

Remark:

The segment reason for tax exemption must be filled in the case that an amount in SG50(8) MOA+403 or +342 equal Zero is transmitted. As an alternative the reason for tax exemption can be transmitted in the header section if it applies for the whole invoice. Furthermore the reason can be coded in SG34, TAX, C243, DE5305.

Example:

FTX+TXD+++X:X:X:X+DE'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
51	FTX	O	99	2	General text information

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
4451	Text subject code qualifier	M	an..3	M	an..3	AAI General information
4453	Free text function code	C	an..3	N		Not used
C107	Text reference	C		N		
4441	Free text description code	M	an..17	N		Not used
C108	Text literal	C		R		
4440	Free text	M	an..512	M	an..256	Other free text information, e.g. reason for goods return etc.
4440	Free text	C	an..512	O	an..256	See DE 4440 #1
4440	Free text	C	an..512	O	an..256	See DE 4440 #1
4440	Free text	C	an..512	O	an..256	See DE 4440 #1
4440	Free text	C	an..512	O	an..256	See DE 4440 #1
3453	Language name code	C	an..3	O	an..3	Code specifying the language name. Use ISO 639-1988

Remark:

Die Gesamtzahl aller FTX Segmente im Positionsteil darf 99 nicht überschreiten.

Example:

FTX+AAI+++X:X:X:X+DE'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG28	R	1	2	Line item net amount
52	MOA	M	1	2	Line item net amount in invoice currency

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C516	Monetary amount	M		M		
5025	Monetary amount type code qualifier	M	an..3	M	an..3	203 Line item amount
5004	Monetary amount	C	n..35	R	n..15	Value of line item net amount in currency units - for currency refer to CUX segment (invoice currency)
6345	Currency identification code	C	an..3	R	an..3	Invoice currency code according to specification in CUX segment(s).

Remark:

Net amount: Item quantity X net price = item quantity X list price (gross price excl. VAT) plus/minus allowances/charges. Tax and discounts are not included.

Example:

MOA+203::EUR'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG28	O	1	2	Line item gross amount
53	MOA	M	1	2	Line item gross amount in invoice currency

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C516	Monetary amount	M		M		
5025	Monetary amount type code qualifier	M	an..3	M	an..3	38 Invoice item amount
5004	Monetary amount	C	n..35	R	n..15	Value of line item gross amount - for currency refer to CUX segment (invoice currency)
6345	Currency identification code	C	an..3	R	an..3	

Remark:

This item amount is the total amount which arises as a product of quantity and price. The amount includes no charges, allowances, discounts or taxes.

Example:

MOA+38::EUR'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG28	O	1	2	Value of goods
54	MOA	M	1	2	Monetary value of goods

Standard			Implementation			
Tag	Name	St	Format	St	Format	Usage / Remark
C516	Monetary amount	M		M		
5025	Monetary amount type code qualifier	M	an..3	R	an..3	44 Goods item for carriage declared value amount
5004	Monetary amount	C	n..35	R	n..35	Declared goods value for this transport leg
6345	Currency identification code	C	an..3	R	an..3	Invoice currency code according to specification in CUX segment(s).

Remark:**Example:**

MOA+44:5500.00:EUR'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG30	R	3	2	Calculation net price
55	PRI	M	1	2	Price details

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C509	Price information	C		R		
5125	Price code qualifier	M	an..3	M	an..3	Net price: price for calculations, allowances and charges have already been taken into account. Allowances and charges may be displayed for information purposes only. AAA Calculation net
5118	Price amount	C	n..15	R	n..15	Unit price amount in price currency units
5375	Price type code	C	an..3	N		Not used
5387	Price specification code	C	an..3	O	an..3	CON Contract price
5284	Unit price basis quantity	C	n..9	O	n..9	Basis on which the unit price/rate applies.
6411	Measurement unit code	C	an..8	O	an..3	Code specifying the unit of measurement. C62 one PCE piece E48 service unit GRM gram HUR hour KMT kilometre KGM kilogram LTR litre MTK square metre MTQ cubic metre NMI nautical mile NMP number of packs NPR number of pairs NRL number of rolls NV vehicle SET set SMI mile (statute mile) TNE tonne (metric ton)

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:

PRI+AAA:10.00::CON:0.5:HUR'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG30	O	1	2	Calculation gross price
56	PRI	M	1	2	Price details

Standard			Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
C509	Price information	C		R	
5125	Price code qualifier	M an..3	M an..3	AAB Calculation gross	
5118	Price amount	C n..15	R n..15	Unit gross price amount in price currency units	
5375	Price type code	C an..3	N	Not used	
5387	Price specification code	C an..3	O an..3	CON Contract price	
5284	Unit price basis quantity	C n..9	O n..9	Basis on which the unit price/rate applies.	
6411	Measurement unit code	C an..8	O an..3	Code specifying the unit of measurement. C62 one PCE piece E48 service unit GRM gram HUR hour KMT kilometre KGM kilogram LTR litre MTK square metre MTQ cubic metre NMI nautical mile NMP number of packs NPR number of pairs NRL number of rolls NV vehicle SET set SMI mile (statute mile) TNE tonne (metric ton)	

Remark:

Price without allowances and charges, this represents the gross price applicable to the line, but does not include any allowances/charges that may be applicable to the line and which are deductible from the gross price.

Example:

PRI+AAB:::CON::PCE'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG31	O	1	2	Frame contract (blanket order) / Order / Purchase order
	Freight invoice_MTB Either the framework contract number (RFF+ON) or the contract number (RFF+CT) must be transmitted.				
57	RFF	M	1	2	Reference message number

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C506	Reference	M		M		
1153	Reference code qualifier	M	an..3	R	an..3	ON Order document identifier, buyer assigned In the context of this VDA recommendation the codes are to be interpreted as follows: ON = Frame contract (blanket order) / Order / Purchase order
1154	Reference identifier	C	an..70	R	an..15	Unique identifier of the referenced document
1156	Document line identifier	C	an..6	O	n..6	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.

Remark:

Order number, single orders, frame contract, SOFA no-, SOTRANS no., S-no. (Cargosoft), AZ-no. etc.
Only the 31 codes listed in the explicit description of the segment groups are currently processed by VOLKSWAGEN. If other valid VDA 4938 codes are transmitted, these will be ignored.

Example:

RFF+ON:123456789068886:1'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG31	O	1	2	Frame contract (blanket order) / Order / Purchase order
	Freight invoice_MTB Either the framework contract number (RFF+ON) or the contract number (RFF+CT) must be transmitted.				
58	DTM	O	1	3	Reference message date

			Standard	Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C507	Date/time/period	M		M		
2005	Date or time or period function code qualifier	M	an..3	M	an..3	171 Reference date/time
2380	Date or time or period text	C	an..35	R	n8	
2379	Date or time or period format code	C	an..3	R	an..3	102 CCYYMMDD

Remark:**Example:**

DTM+171:20130612:102'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG31	D	1	2	Contract number
	Freight invoice_MTB A contract number must always be transmitted.				
59	RFF	M	1	2	Number (ID) of the referenced message

Standard			Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
C506	Reference	M	M		
1153	Reference code qualifier	M an..3	R an..3	CT Contract number	
1154	Reference identifier	C an..70	R an..15	Unique identifier of the referenced document	
1156	Document line identifier	C an..6	O n..6	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.	

Remark:**Example:**

RFF+CT:V1234:1'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG31	D	1	2	Contract number
	Freight invoice_MTB A contract number must always be transmitted.				
60	DTM	O	1	3	Reference message date

Standard			Implementation			
Tag	Name	St	Format	St	Format	Usage / Remark
C507	Date/time/period	M		M		
2005	Date or time or period function code qualifier	M	an..3	M	an..3	171 Reference date/time
2380	Date or time or period text	C	an..35	R	n..12	Reference Document Date/Time
2379	Date or time or period format code	C	an..3	R	an..3	102 CCYYMMDD

Remark:

Example:

DTM+171:20141223:102'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG31	O	1	2	Reference number to another line item
61	RFF	M	1	2	Reference message number

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C506	Reference	M		M		
1153	Reference code qualifier	M	an..3	R	an..3	As part of the VDA Recommendation, the codes are interpreted as follows: LI = if an item refers to another item in this invoice (e.g. an ancillary service with a different rate of tax), the qualifier LI can be used to give the item number being referred to. LI Document line identifier
1154	Reference identifier	C	an..70	R	n..3	

Remark:

Example:

RFF+LI:1'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG31	O	6	2	Other references to messages
62	RFF	M	1	2	Reference message number

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C506	Reference	M		M		
1153	Reference code qualifier	M	an..3	R	an..3	Im Rahmen der VDA Empfehlung werden die Codes wie folgt interpretiert: AAQ = Equipment-ID im Sinne z.B. von Container FF = Speditionsauftragsnummer, vergeben vom Spediteur (interne Auftragsnummer des Spediteurs) ACE = Referenz auf Anlage (z.B. bei Nutzung VDA 4983) AAM Waybill number ADE Account number AF Airlines flight identification number AWB Air waybill number BM Bill of lading number CMR Road consignment note number DL Debit note number AAQ Transport equipment identifier FF Consignment identifier, freight forwarder assigned MWB Master air waybill number ACE Related document number
1154	Reference identifier	C	an..70	R	an..70	Unique identifier of the referenced document

Remark:

References to other messages and documents can be transmitted for informational purposes

Example:

RFF+AAM:X'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG31	O	6	2	Other references to messages
63	DTM	O	1	3	Reference message date

Standard			Implementation			
Tag	Name	St	Format	St	Format	Usage / Remark
C507	Date/time/period	M		M		
2005	Date or time or period function code qualifier	M	an..3	M	an..3	171 Reference date/time
2380	Date or time or period text	C	an..35	R	n..12	Reference Document Date/Time
2379	Date or time or period format code	C	an..3	R	an..3	102 CCYYMMDD

Remark:

Example:

DTM+171:20141112:102'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG31	O	1	2	Bordereau
64	RFF	M	1	2	Reference message number

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C506	Reference	M		M		
1153	Reference code qualifier	M	an..3	R	an..3	Im Rahmen der VDA Empfehlung werden die Codes wie folgt interpretiert: AFC = Bordernummer AFC Bordereau number
1154	Reference identifier	C	an..70	O	an17	Unique identifier of the referenced document
1156	Document line identifier	C	an..6	O	n..6	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.

Remark:

Sonstige Referenzen zu anderen Nachrichten und Dokumenten können zu Informationszwecken übertragen werden

Example:

RFF+AFC'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG31	O	1	2	Bordereau
65	DTM	R	1	3	Reference message date

Standard			Implementation			
Tag	Name	St	Format	St	Format	Usage / Remark
C507	Date/time/period	M		M		
2005	Date or time or period function code qualifier	M	an..3	M	an..3	171 Reference date/time
2380	Date or time or period text	C	an..35	R	n..12	Reference Document Date/Time
2379	Date or time or period format code	C	an..3	R	an..3	102 CCYYMMDD

Remark:

Example:

DTM+171:20141123:102'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG32	D	999	2	Packages
	Must be sent for Frachtrechnung_MTB				
66	PAC	M	1	2	Package

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
7224	Package quantity	C	n..8	R	n..8	Number of packages
C531	Packaging details	C		N		
7075	Packaging level code	C	an..3	N		Not used
C202	Package type	C		R		
7065	Package type description code	C	an..17	R	an..17	Type of package, code or ID
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	O	an..3	91 Assigned by seller or seller's agent 92 Assigned by buyer or buyer's agent 204 DE, VDA (Verband der Automobilindustrie E.V.)
C402	Package type identification	C		N		
7077	Description format code	M	an..3	M	N	
C532	Returnable package details	C		D		To be use for transports with empty packages.
8395	Returnable package freight payment responsibility code	C	an..3	N		Not used
8393	Returnable package load contents code	C	an..3	R	an..3	Used to indicate empties. If C532/DE8393 has not been filled in, this indicates the transport of filled containers. 3 Empty container 11 Empty container, folded

Remark:

Example:

PAC+9++VW0012::92++:3'

St = Status

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG32	D	999	2	Packages
	Must be sent for Frachtrechnung_MTB				
67	MEA	D	3	3	Package measurements Maße

Standard			Implementation		
Tag	Name	St	Format	St	Format Usage / Remark
6311	Measurement purpose code qualifier	M	an..3	M	an..3 AAY Package measurement
C502	Measurement details	C		R	
6313	Measured attribute code	C	an..3	R	an..3 LN Length WD Width dimension HT Height dimension
C174	Value/range	C		R	
6411	Measurement unit code	M	an..8	M	an..8 MMT millimetre
6314	Measure	C	an..18	R	an..18

Remark:

Freight invoice_MTB

For packages unknown to the customer, it is imperative that the measurements be transmitted. This always applies to the combination PAC+...91 or 204. This generally involves alternative packaging not stored in the LISON system or the MTB master data.

Example:

MEA+AAY+LN+MMT:1200'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG32	D	999	2	Packages
	Must be sent for Frachtrechnung_MTB				
	SG33	O	10	3	Package / container identification
68	PCI	M	1	3	Package identification

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
4233	Marking instructions code	C	an..3	N		Not used
C210	Marks & labels	C		R		
7102	Shipping marks description	M	an..35	M	an..35	Package/container number
7102	Shipping marks description	C	an..35	O	an..35	Package/container number
7102	Shipping marks description	C	an..35	O	an..35	Package/container number
7102	Shipping marks description	C	an..35	O	an..35	Package/container number
7102	Shipping marks description	C	an..35	O	an..35	Package/container number
7102	Shipping marks description	C	an..35	O	an..35	Package/container number
7102	Shipping marks description	C	an..35	O	an..35	Package/container number
7102	Shipping marks description	C	an..35	O	an..35	Package/container number
7102	Shipping marks description	C	an..35	O	an..35	Package/container number
7102	Shipping marks description	C	an..35	O	an..35	Package/container number

Remark:

Example:

PCI++PONU7274230:.....X'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG35	R	5	2	VAT or other tax rate for line item
69	TAX	M	1	2	VAT or other tax rate

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
5283	Duty or tax or fee function code qualifier	M	an..3	M	an..3	Code qualifying the function of a duty or tax or fee. 7 Tax
C241	Duty/tax/fee type	C		R		
5153	Duty or tax or fee type name code	C	an..3	O	an..3	AAG Harmonised sales tax, Canadian AAH Quebec sales tax AAI Canadian provincial sales tax BOL Stamp duty (Imposta di Bollo) GST Goods and services tax LOC Local sales tax OTH Other taxes SUR Surtax VAT Value added tax Code OTH shall be used when the tax in question is not one of the listed. Code SUR is used to qualify the used part tax, which is additional to VAT (currently 10% of VAT amount due for the used part).
C533	Duty/tax/fee account detail	C		N		
5289	Duty or tax or fee account code	M	an..6	N		Not used
5286	Duty or tax or fee assessment basis quantity	C	an..15	N		Not used
C243	Duty/tax/fee detail	C		R		
5279	Duty or tax or fee rate code	C	an..7	N		Not used
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	N		Not used
5278	Duty or tax or fee rate	C	an..17	R	n..7	The tax rate (numeric) should be presented as follows: 19.5% ==> :19.5 Rate (percentage) of the specified tax.
5305	Duty or tax or fee category code	C	an..3	O	an..3	Under EU directive and national law, any exemption from tax has to be declared more detailed. There are several provisions in the directive, which allow exemption. In the European environment it is necessary to state this reason whenever the invoice issuer declares an invoice item or the whole invoice to be VAT exempt. Code specifying a duty or tax or fee category.

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Standard			Implementation		
Tag	Name	St	Format	St	Format Usage / Remark
					This code list contains codes referencing to the Sixth EU directive regarding tax exemption and special procedures. It is intended to be harmonised with other European industry organisations and finally the codes shall be added to the UN/EDIFACT code list 5305 to facilitate a homogeneous implementation of the directive's provisions throughout Europe. The use of any valid EDIFACT code is permitted, the trading partners may limit the codes in accordance with business and legal requirements. (1) Codes created to comply with the European invoicing directive. These codes are not yet part of the official EDIFACT code list. AA Lower rate E Exempt from tax H Higher rate O Services outside scope of tax S Standard rate Z Zero rated goods AAA Exempt - Article 146, 148 and 151 of Council Directive 2006/112/EC AAB Exempt - Article 164 of Council Directive 2006/112/EC AAC Exempt - Article 138 of Council Directive 2006/112/EC AAD VAT exempt - Article 44 of Council Directive 2006/112/EC AAE Reverse Charge - Article 44 of Council Directive 2006/112/EC AAF Exempt - Article 346 of Council Directive 2006/112/EC AAG Exempt - Article 131, 132 and 135 of Council Directive 2006/112/EC AAH Margin Scheme - Title XII, Chapter 4 of Council Directive 2006/112/EC AAI Margin Scheme - Title XII, Chapter 3 of Council Directive 2006/112/EC AAJ Reverse Charge - Article 198 of Council Directive 2006/112/EC AAL Reverse Charge Exempt - Article 164 of Council Directive 2006/112/EC AAM Exempt New Means of Transport - Article 2, 3 and 4 of Council Directive 2006/112/EC AAN Exempt Triangulation - Article 141 of Council Directive 2006/112/EC AAP VAT exempt/reverse charge, within the construction business, Article 199 1 a-b of Council Directive 2006/112/EC AA – reduced rate of tax S – regular rate of tax
3446	Party tax identifier	C	an..20	N	Not used
1227	Calculation sequence code	C	an..3	N	Not used

St = Status

		Standard		Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
5307	Tax or duty or fee payment due date code	C	an..3	O	an..3	1 Duty, tax or fee payment due on invoice payment date 2 Duty, tax or fee payment due on invoice issue date

Remark:

This segment group is required when VAT is calculated at the line item level. Tax identification is required at the line item level as different goods and services can be taxed at different rates. That concerns VAT as well as different intrastate or interstate tax rates in the US.

Example:

TAX+7+AAG+++:::19+AA+++1'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG40	N	10	2	Allowances or charges
At VOLKSWAGEN, the transmission of allowances and charges is expected as a separate item/segment group 27.					
70	ALC	M	1	2	Allowance/charge

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
5463	Allowance or charge code qualifier	M	an..3	R	an..3	A Allowance C Charge
C552	Allowance/charge information	C		N		
1230	Allowance or charge identifier	C	an..35	N		Not used
4471	Settlement means code	C	an..3	N		Not used
1227	Calculation sequence code	C	an..3	N		Not used
C214	Special services identification	C		O		
7161	Special service description code	C	an..3	R	an..3	If an ABK code is shown, the text segment must be used to further specify the allowance. ABK Miscellaneous ABM Scrap surcharge ABW Customs duty charge FI Financing HD Handling IN Insurance PC Packing 341 Toll surcharge 342 Fuel surcharge 343 Security fee 344 Risk surcharge
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	O	an..3	6 UN/ECE (United Nations - Economic Commission for Europe) 272 Joint Automotive Industry agency

Remark:**Example:**

ALC+C++++ABK::272'

St = Status

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG40	N	10	2	Allowances or charges
	At VOLKSWAGEN, the transmission of allowances and charges is expected as a separate item/segment group 27.				
71	FTX	O	1	3	Allowance/charge description

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
4451	Text subject code qualifier	M	an..3	M	an..3	ALC Allowance/charge information
4453	Free text function code	C	an..3	N		Not used
C107	Text reference	C		N		
4441	Free text description code	M	an..17	N		Not used
C108	Text literal	C		R		
4440	Free text	M	an..512	O	an..256	Allowance or charge description in free text
4440	Free text	C	an..512	O	an..256	see 4440 # 1
4440	Free text	C	an..512	O	an..256	see 4440 # 1
4440	Free text	C	an..512	O	an..256	see 4440 # 1
4440	Free text	C	an..512	O	an..256	see 4440 # 1
3453	Language name code	C	an..3	O	an..3	

Remark:

This segment is to be used, if allowance or charge cannot be transmitted with a code.

Example:

FTX+ALC+++X:X:X:X+aa'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG40	N	10	2	Allowances or charges
	At VOLKSWAGEN, the transmission of allowances and charges is expected as a separate item/segment group 27.				
	SG42	D	1	3	Allowance/charge - percentage
72	PCD	M	1	3	Allowance/charge Percentage

Standard			Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
C501	Percentage details	M	M		
5245	Percentage type code qualifier	M an..3	M an..3	3 Monetary amount adjustment percentage	
5482	Percentage	C n..10	R n..10		

Remark:

Either SG41 (percentage) or SG42 (monetary amount) have to be sent.

Example:

PCD+3:2'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG40	N	10	2	Allowances or charges
	At VOLKSWAGEN, the transmission of allowances and charges is expected as a separate item/segment group 27.				
	SG43	D	1	3	Allowance/charge - monetary amount
73	MOA	M	1	3	Allowance/charge - monetary amount

Standard			Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
C516	Monetary amount	M	M		
5025	Monetary amount type code qualifier	M an..3	M an..3	8 Allowance or charge amount	
5004	Monetary amount	C n..35	R n..15		
6345	Currency identification code	C an..3	R an..3		

Remark:**Example:**

MOA+8:1:EUR'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG40	N	10	2	Allowances or charges
	At VOLKSWAGEN, the transmission of allowances and charges is expected as a separate item/segment group 27.				
	SG44	D	1	3	Allowance / charge rate per unit
74	RTE	M	1	3	Rate details

Standard			Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
C128	Rate details	M	M		
5419	Rate type code qualifier	M an..3	M an..3	1 Allowance rate 2 Charge rate	
5420	Unit price basis rate	M n..15	M n..15		
5284	Unit price basis quantity	C n..9	O n..9	e.g. per 1, 10, 100	
6411	Measurement unit code	C an..8	O an..8	e.g. kilometre or kilogram, provided that the rate applies to these units of measurement. C62 one PCE piece E48 service unit GRM gram HUR hour KMT kilometre KGM kilogram LTR litre MTK square metre MTQ cubic metre NMI nautical mile NMP number of packs NPR number of pairs NRL number of rolls NV vehicle SET set SMI mile (statute mile) TNE tonne (metric ton)	

Remark:

Example:

RTE+1:10.00::C62'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG46	D	10	2	Transport information
	Frachtrechnung_MTB SG 46 must always be transmitted.				
75	TDT	M	1	2	Transport information

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
8051	Transport stage code qualifier	M	an..3	M	an..3	DE 8051 must always be transmitted in accordance with EDIFACT. In this case, the applicable codes usually apply to Freight invoices_MTB. For services which do not correspond to any of these codes, "20" must always be transmitted. 10 Pre-carriage transport 20 Main-carriage transport 30 On-carriage transport
8028	Means of transport journey identifier	C	an..17	N		Not used
C220	Mode of transport	C		O		
8067	Transport mode name code	C	an..3	R	an..3	10 Maritime transport 20 Rail transport 30 Road transport 40 Air transport 50 Mail 60 Multimodal transport 70 Fixed transport installations 80 Inland water transport 90 Mode unknown
C001	Transport means	C		N		
8179	Transport means description code	C	an..8	N		Not used
C040	Carrier	C		O		
3127	Carrier identifier	C	an..17	O	an..17	Freight carrier ID
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	O	an..3	91 Assigned by seller or seller's agent 92 Assigned by buyer or buyer's agent 16 US, D&B (Dun & Bradstreet Corporation)
3126	Carrier name	C	an..35	O	an..35	Name of freight carrier
8101	Transit direction indicator code	C	an..3	N		Not used
C401	Excess transportation information	C		O		
8457	Excess transportation reason code	M	an..3	M	an..3	This data element is not used but must be filled in accordance with EDIFACT. ZZZ is used here as a place holder. ZZZ Mutually defined

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		Standard		Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
8459	Excess transportation responsibility code	M	an..3	N		Not used
7130	Customer shipment authorisation identifier	C	an..17	R	an..17	Special transport number, is transmitted in SG31
C222	Transport identification	C		O		
8213	Transport means identification name identifier	C	an..35	R	an..35	Licence plate, name of ship etc. The ship name must always be transmitted for transport by sea. For overland transport involving several keys, e. g. tractor unit and trailer, all license plate numbers must be transmitted, separated by an underscore.

Remark:**Example:**

TDT+10++10++987654321::92::Spedition & Logistik GmbH++ZZZ::A123-12+B-AV 123'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG46	D	10	2	Transport information
	Frachtrechnung_MTB SG 46 must always be transmitted.				
	SG47	D	10	3	Aktueller Versandort
	Frachtrechnung_MTB The dispatch location must always be transmitted.				
76	LOC	R	1	3	Aktueller Versandort

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
3227	Location function code qualifier	M	an..3	M	an..3	5 Place of departure
C517	Location identification	C		R		
3225	Location identifier	C	an..35	C	an..35	Loading point
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	N		Not used
3224	Location name	C	an..256	C	an..256	Country, post code and address must be transmitted.

Remark:

This segment denotes the dispatch location for the current transportation stage.

Example:

LOC+5+CES02:::ES 31001 Pamplona'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG46	D	10	2	Transport information
	Frachtrechnung_MTB SG 46 must always be transmitted.				
	SG47	D	10	3	Aktueller Versandort
	Frachtrechnung_MTB The dispatch location must always be transmitted.				
77	DTM	O	1	4	Departure date and time

Standard			Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
C507	Date/time/period	M	M		
2005	Date or time or period function code qualifier	M an..3	M an..3	136 Transport means departure date time, actual	
2380	Date or time or period text	C an..35	R n..12	Date / time	
2379	Date or time or period format code	C an..3	R an..3	102 CCYYMMDD 203 CCYYMMDDHHMM	

Remark:**Example:**

DTM+136:20141223:102'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG46	D	10	2	Transport information
	Frachtrechnung_MTB SG 46 must always be transmitted.				
	SG47	D	10	3	Current receiving location
	Frachtrechnung_MTB The receiving location must always be transmitted.				
78	LOC	R	1	3	Current receiving location

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
3227	Location function code qualifier	M	an..3	M	an..3	60 Place of arrival
C517	Location identification	C		R		
3225	Location identifier	C	an..35	O	an..35	Location (identifier)
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	O	an..3	
3224	Location name	C	an..256	O	an..256	Country, post code and address must be transmitted.
C519	Unloading point	C		O		Can be used for the unloading point for this transportation stage.
3223	First related location identifier	C	an..35	O	an..35	Unloading point – identifier
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	O	an..3	
3222	First related location name	C	an..70	O	an..70	Unloading point (text)

Remark:

This segment denotes the receiving location for the current transportation stage.

Example:

LOC+60+:::DE 28274 Hamburg+806M7:::X'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG46	D	10	2	Transport information
	Frachtrechnung_MTB SG 46 must always be transmitted.				
	SG47	D	10	3	Current receiving location
	Frachtrechnung_MTB The receiving location must always be transmitted.				
79	DTM	O	5	4	Arrivaldate and time

			Standard	Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C507	Date/time/period	M		M		
2005	Date or time or period function code qualifier	M	an..3	M	an..3	178 Transport means arrival date time, actual
2380	Date or time or period text	C	an..35	R	an..35	Date / time
2379	Date or time or period format code	C	an..3	R	an..3	102 CCYYMMDD 203 CCYYMMDDHHMM

Remark:

Example:

DTM+178::102'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG48	O	5	2	Delivery terms / INCOTERMS
80	TOD	M	1	2	Terms of delivery or transport

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
4055	Delivery or transport terms function code	C	an..3	C	an..3	6 Delivery condition
4215	Transport charges payment method code	C	an..3	N		Not used
C100	Terms of delivery or transport	C		O		
4053	Delivery or transport terms description code	C	an..3	R	an..3	CFR Cost and Freight CIF Cost, Insurance, Freight (... named port of destination) CIP Carriage and Insurance Paid to (... named place of destination) CPT Carriage Paid To (... named place of destination) DAF Delivered At frontier (... named place) DAP Delivered At Place DAT Delivered At Terminal (... named place) DDP Delivered Duty Paid (... named place of destination) DDU Delivered Duty Unpaid (... named place of destination) DEQ Delivered Ex Quay (Duty paid) (... named port of destination) DES Delivered Ex Ship (... named port of destination) EXW Ex Works (... named place) FAS Free Along Ship (... named port of shipment) FCA Free Carrier (... named place) FOA FOB Airport - Named airport of departure FOB Free On Board (... named port of shipment) FOR

Remark:

Example:

TOD+6++FCA'

St = Status

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG48	O	5	2	Delivery terms / INCOTERMS
81	LOC	O	2	3	Place/location identification

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
3227	Location function code qualifier	M	an..3	M	an..3	1 Place of terms of delivery
C517	Location identification	C		R		
3225	Location identifier	C	an..35	O	an..35	Location (identifier)
1131	Code list identification code	C	an..17	O	an..17	
3055	Code list responsible agency code	C	an..3	O	an..3	
3224	Location name	C	an..256	O	an..256	Location (text)

Remark:

Example:

LOC+1+:::Hamburg'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG50	D	999	2	Consignment details related to the transport leg
	Frachtrechnung_MTB SG 50 must always be transmitted with RFF+FF and AAU.				
82	GEI	M	1	2	Trigger segment

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
9649	Processing information code qualifier	M	an..3	M	an..3	5 Consignment type information

Remark:

This segment serves only as a trigger segment and has no other special functions.

Example:

GEI+5'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG50	D	999	2	Consignment details related to the transport leg
	Frachtrechnung_MTB SG 50 must always be transmitted with RFF+FF and AAU.				
83	RFF	D	1	3	Delivery note

Standard			Implementation			
Tag	Name	St	Format	St	Format	Usage / Remark
C506	Reference	M		M		
1153	Reference code qualifier	M	an..3	M	an..3	AAU Despatch note document identifier
1154	Reference identifier	C	an..70	C	an..15	Reference number

Remark:

The delivery slip number must always be transmitted for Frachtrechnung_MTB.

Example:

RFF+AAU:12345678'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG50	D	999	2	Consignment details related to the transport leg
	Frachtrechnung_MTB SG 50 must always be transmitted with RFF+FF and AAU.				
84	RFF	O	9	3	Consignment reference number

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C506	Reference	M		M		
1153	Reference code qualifier	M	an..3	M	an..3	CRN = Consignment load reference number CRN Transport means journey identifier
1154	Reference identifier	C	an..70	C	an..8	Unique reference given to a certain journey or departure of a means of transport (generic term). A.k.a. shipment load reference number of VDA recommendation 4913 Consignment identification number, assigned by consignor / shipper. Recurrence within one year is not allowed. For each relation supplier plant <-> recipient plant at least one consignment number is to allocate.

Remark:

Example:

RFF+CRN:00123456'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG50	D	999	2	Consignment details related to the transport leg
	Frachtrechnung_MTB SG 50 must always be transmitted with RFF+FF and AAU.				
85	RFF	D	1	3	Shipping order number

Standard			Implementation			
Tag	Name	St	Format	St	Format	Usage / Remark
C506	Reference	M		M		
1153	Reference code qualifier	M	an..3	M	an..3	FF Consignment identifier, freight forwarder assigned
1154	Reference identifier	C	an..70	C	an..17	Reference number

Remark:

The shipment order number must always be transmitted for Frachtrechnung_MTB.

Example:

RFF+FF:12345678901234567'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG50	D	999	2	Consignment details related to the transport leg
	Frachtrechnung_MTB SG 50 must always be transmitted with RFF+FF and AAU.				
86	RFF	O	9	3	Other references

Standard			Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
C506	Reference	M	M		
1153	Reference code qualifier	M an..3	M an..3	AAM Waybill number CMR Road consignment note number ON Order document identifier, buyer assigned BN Consignment identifier, carrier assigned AAO Consignment identifier, consignee assigned ADL Ordering customer consignment reference number	
1154	Reference identifier	C an..70	R an..35	Reference ID	

Remark:

Example:

RFF+ON:123456-2012'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG50	D	999	2	Consignment details related to the transport leg
	Frachtrechnung_MTB SG 50 must always be transmitted with RFF+FF and AAU.				
87	DTM	D	1	3	Delivery note date

Standard			Implementation			
Tag	Name	St	Format	St	Format	Usage / Remark
C507	Date/time/period	M		M		
2005	Date or time or period function code qualifier	M	an..3	M	an..3	124 Despatch note document issue date time
2380	Date or time or period text	C	an..35	C	an..35	
2379	Date or time or period format code	C	an..3	C	an..3	102 CCYYMMDD

Remark:

The delivery slip date must always be transmitted for Frachtrechnung_MTB.

Example:

DTM+124:20120424:102'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG50	D	999	2	Consignment details related to the transport leg
	Frachtrechnung_MTB SG 50 must always be transmitted with RFF+FF and AAU.				
88	LOC	D	1	3	Ship-from party

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
3227	Location function code qualifier	M	an..3	M	an..3	80 = Goods sender 80 Place of despatch
C517	Location identification	C		R		
3225	Location identifier	C	an..35	O	an..10	Identifier, e.g. supplier number or factory number Complete suppliers number. VW/Audi/VW Konzernlogistik Europe: Complete supplier number (n10) inclusive the two digits index.
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	O	an..3	Agency responsible for code list / identifier maintenance 92 Assigned by buyer or buyer's agent
3224	Location name	C	an..256	O	an..256	The location name are to be setup as follows: ISO Country Code two digit , ZIP, City, separated by blanks.
C519	Loading point	C		D		Frachtrechnung_MTB Loading point must be transmitted
3223	First related location identifier	C	an..35	O	an..35	Loading point (identifier)
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	O	an..3	91 Assigned by seller or seller's agent 92 Assigned by buyer or buyer's agent
3222	First related location name	C	an..70	C	an..70	Location (text)

Remark:

At this level of the EDIFACT message, there is no NAD segment available. As such, an LOC segment must be used to identify the goods sender.

Freight invoice_MTB

Data must be taken from the respective delivery slip.

Example:

LOC+80+0000128312::92:DE 70000 Stuttgart+X::91:X'

St = Status

Volkswagen VDA 4938 T4 - Global INVOIC

Version: VDA 2.2-VW 1.0 Variant: Frachtrechnung/Freight Invoice

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29.11.2016

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No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG50	D	999	2	Consignment details related to the transport leg
	Frachtrechnung_MTB SG 50 must always be transmitted with RFF+FF and AAU.				
89	LOC	D	1	3	Ship-to

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
3227	Location function code qualifier	M	an..3	M	an..3	20 = Ship-to 20 Place of ultimate destination of goods
C517	Location identification	C		R		
3225	Location identifier	C	an..35	O	an..35	Identifier, such as supplier number or plant number
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	O	an..3	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
3224	Location name	C	an..256	O	an..256	The location name are to be setup as follows: ISO Country Code two digit , ZIP, City, separated by blanks.
C519	Unloading point	C		O		
3223	First related location identifier	C	an..35	R	an..35	Unloading point
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	O	an..3	91 Assigned by seller or seller's agent 92 Assigned by buyer or buyer's agent
3222	First related location name	C	an..70	O	an..70	Location (text)

Remark:

At this level of the EDIFACT message, there is no NAD segment available. As such, an LOC segment must be used to identify the goods recipient.

Frachtrechnung_MTB

Data must be taken from the respective delivery slip.

Example:

LOC+20+GC:::DE 38440 Wolfsburg+806M7:::X'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG50	D	999	2	Consignment details related to the transport leg
	Frachtrechnung_MTB SG 50 must always be transmitted with RFF+FF and AAU.				
90	MEA	O	5	3	Shipment weight, measurements and/or volumes

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
6311	Measurement purpose code qualifier	M	an..3	M	an..3	AAX Consignment measurement
C502	Measurement details	C		R		
6313	Measured attribute code	C	an..3	R	an..3	AAD Consignment gross weight AAL Net weight ABJ Volume ACG Chargeable weight ACV Loading meters LN Length WD Width dimension HT Height dimension
C174	Value/range	C		R		
6411	Measurement unit code	M	an..8	R	an..8	KGM kilogram MTR metre MTQ cubic metre TNE tonne (metric ton)
6314	Measure	C	an..18	R	an..18	

Remark:**Example:**

MEA+AAX+AAD+TNE:33'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG50	D	999	2	Consignment details related to the transport leg
	Frachtrechnung_MTB SG 50 must always be transmitted with RFF+FF and AAU.				
91	QTY	O	9	3	Calculation basis for the shipment

Standard			Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
C186	Quantity details	M	M		
6063	Quantity type code qualifier	M an..3	M an..3	The codes are to be interpreted as follows: 49 = billable distance (in km or nmi) 100 = point load or minimum weight per m2 or load metre 101 = chargeable gross weight 109 = chargeable volume 111 = chargeable area 112 = chargeable load metre 49 Chargeable distance 100 Chargeable weight 101 Chargeable gross weight 109 Chargeable volume 111 Chargeable surface 112 Chargeable length	
6060	Quantity	M an..35	M n..10		
6411	Measurement unit code	C an..8	R an..3	KGM kilogram KMT kilometre MTK square metre MTQ cubic metre MTR metre NMI nautical mile SMI mile (statute mile) TNE tonne (metric ton)	

Remark:

Example:

QTY+49:2:KMT'

No	Tag	St	MaxOcc	Level	Name
	SG27	R	900	1	Line item section
	SG50	D	999	2	Consignment details related to the transport leg
	Frachtrechnung_MTB SG 50 must always be transmitted with RFF+FF and AAU.				
92	MOA	O	1	3	Goods value for consignment

Standard			Implementation			
Tag	Name	St	Format	St	Format	Usage / Remark
C516	Monetary amount	M		M		
5025	Monetary amount type code qualifier	M	an..3	M	an..3	44 Goods item for carriage declared value amount
5004	Monetary amount	C	n..35	R	n..35	Value of goods in the consignment
6345	Currency identification code	C	an..3	R	an..3	Invoice currency code according to specification in CUX segment(s).

Remark:

Example:

MOA+44::USD'

No	Tag	St	MaxOcc	Level	Name
93	UNS	M	1	0	Section control

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

Remark:

Example:

UNS+S'

No	Tag	St	MaxOcc	Level	Name
94	CNT	O	1	1	Control total

Standard			Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
C270	Control	M	M	Invoice currency according to specification in CUX segment(s)	
6069	Control total type code qualifier	M an..3	M an..3	2 Number of line items in message	
6066	Control total quantity	M n..18	R n..10	Quantity / Control value	

Remark:

Example:

CNT+2:1'

No	Tag	St	MaxOcc	Level	Name
	SG52	M	3	1	Invoice amount
95	MOA	M	1	1	Invoice amount

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C516	Monetary amount	M		M		
5025	Monetary amount type code qualifier	M	an..3	M	an..3	77 Invoice line item amount
5004	Monetary amount	C	n..35	R	n..15	Invoice total amount, including taxes (if applicable)
6345	Currency identification code	C	an..3	R	an..3	Currency code according to specification in CUX segment(s).

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 amount (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+77:1000:EUR'

No	Tag	St	MaxOcc	Level	Name
	SG52	D	3	1	Total taxable amount
96	MOA	M	1	1	Total taxable amount

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C516	Monetary amount	M		M		
5025	Monetary amount type code qualifier	M	an..3	M	an..3	125 Taxable amount
5004	Monetary amount	C	n..35	R	n..15	Value of taxable monetary amount in currency units
6345	Currency identification code	C	an..3	R	an..3	Currency code according to specification in CUX segment(s).

Remark:

If no taxes or duties apply to any part of this invoice, this occurrence of SG50 can be omitted. However, for transactions with European partners, this SG50 may be required for legal reasons even if only 0% tax rates apply to the invoiced items.

If the segment MOA+125 is not provided, MOA+403 or MOA+342 (non-taxable or tax-free amount) should be provided.

Example:

MOA+125::EUR'

No	Tag	St	MaxOcc	Level	Name
	SG52	R	3	1	Total tax amount
97	MOA	M	1	1	Total tax amount

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C516	Monetary amount	M		M		
5025	Monetary amount type code qualifier	M	an..3	M	an..3	176 Message total duty/tax/fee amount
5004	Monetary amount	C	n..35	R	n..15	Value of tax amount in currency units
6345	Currency identification code	C	an..3	R	an..3	Currency code according to specification in CUX segment(s).

Remark:

Example:

MOA+176:190.00:EUR'

No	Tag	St	MaxOcc	Level	Name
	SG52	O	3	1	Total line items amount
98	MOA	M	1	1	Total line items amount (sum of net line items amounts)

Standard			Implementation		
Tag	Name	St	Format	St	Format Usage / Remark
C516	Monetary amount	M		M	
5025	Monetary amount type code qualifier	M	an..3	M	an..3 79 Total line items amount
5004	Monetary amount	C	n..35	R	n..15 Total line items amount
6345	Currency identification code	C	an..3	R	an..3 Currency code according to specification in CUX segment(s).

Remark:

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

Example:

MOA+79:1000.00:EUR'

No	Tag	St	MaxOcc	Level	Name
	SG52	O	3	1	Payment discount amount
99	MOA	M	1	1	Payment discount amount in invoice, home or payment currency

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C516	Monetary amount	M		M		
5025	Monetary amount type code qualifier	M	an..3	M	an..3	109 Payment discount amount
5004	Monetary amount	C	n..35	R	n..15	Payment discount amount
6345	Currency identification code	C	an..3	R	an..3	Currency code according to specification in CUX segment(s).

Remark:

For information only, not part of the calculation of the total invoice amount.

Example:

MOA+109:13.00:EUR'

No	Tag	St	MaxOcc	Level	Name
	SG52	D	3	1	Prepaid amount
100	MOA	M	1	1	Prepaid amount

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C516	Monetary amount	M		M		
5025	Monetary amount type code qualifier	M	an..3	M	an..3	Amount Type 113 Prepaid amount Code specifying a monetary unit.
5004	Monetary amount	C	n..35	R	n..15	Value of a monetary amount which has been prepaid in advance
6345	Currency identification code	C	an..3	R	an..3	Currency code according to specification in CUX segment(s).

Remark:

This segment can be used for indication of received prepayments.

Example:

MOA+113:300.00:EUR'

No	Tag	St	MaxOcc	Level	Name
	SG52	D	3	1	Prepaid amount
	SG53	D	1	2	Reference to prepayment invoice
101	RFF	M	1	2	Reference to prepayment invoice

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C506	Reference	M		M		
1153	Reference code qualifier	M	an..3	R	an..3	IV Invoice document identifier ZZZ Mutually defined reference number
1154	Reference identifier	C	an..70	R	an..17	Document number of the prepayment invoice

Remark:

The RFF segment qualifier value IV is to be used to refer to a prepayment invoice, when relevant.

Example:

RFF+IV:12345'

No	Tag	St	MaxOcc	Level	Name
	SG52	D	3	1	Prepaid amount
	SG53	D	1	2	Reference to prepayment invoice
102	DTM	O	1	3	Date of prepayment invoice

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C507	Date/time/period	M		M		
2005	Date or time or period function code qualifier	M	an..3	M	an..3	171 Reference date/time
2380	Date or time or period text	C	an..35	R	n8	Document Date/Time
2379	Date or time or period format code	C	an..3	R	an..3	102 CCYYMMDD

Remark:

Example:

DTM+171:20130113:102'

No	Tag	St	MaxOcc	Level	Name
	SG52	O	2	1	Non-taxable / exemption amount
103	MOA	M	1	1	Non-taxable or exemption amount

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
C516	Monetary amount	M		M		
5025	Monetary amount type code qualifier	M	an..3	M	an..3	342 Non-taxable amount 403 Exemption amount
5004	Monetary amount	C	n..35	R	n..15	Non taxable amount Value of a monetary amount subject to tax exemptions
6345	Currency identification code	C	an..3	R	an..3	Currency code according to specification in CUX segment(s).

Remark:

The SG50, MOA+403 or +342, must always be transmitted if at least one line item is non-taxable (SG 34, TAX_5278 = 0%).

Example:

MOA+403:1000.00:EUR'

No	Tag	St	MaxOcc	Level	Name
	SG54	O	10	1	Tax rates and amounts
If all line items of one Invoice contain equal tax rates the SG52 does not to be transmitted. Per different tax rate the SG52 must be repeated.					
104	TAX	M	1	1	Tax type and rate

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
5283	Duty or tax or fee function code qualifier	M	an..3	M	an..3	Code qualifying the function of a duty or tax or fee. 7 Tax
C241	Duty/tax/fee type	C		R		
5153	Duty or tax or fee type name code	C	an..3	R	an..3	AAG Harmonised sales tax, Canadian AAH Quebec sales tax AAI Canadian provincial sales tax BOL Stamp duty (Imposta di Bollo) GST Goods and services tax LOC Local sales tax OTH Other taxes STT State/provincial sales tax SUR Surtax VAT Value added tax Code SUR is used to specify the old parts tax accrued in addition to VAT (currently 10% of the VAT applicable to new/replacement parts).
C533	Duty/tax/fee account detail	C		N		
5289	Duty or tax or fee account code	M	an..6	N		Not used
5286	Duty or tax or fee assessment basis quantity	C	an..15	N		Not used
C243	Duty/tax/fee detail	C		R		
5279	Duty or tax or fee rate code	C	an..7	N		Not used
1131	Code list identification code	C	an..17	N		Not used
3055	Code list responsible agency code	C	an..3	N		Not used
5278	Duty or tax or fee rate	C	an..17	R	n..7	The tax rate (numeric) should be presented in an alpha-numeric field as follows: 19.5% ==> :19.5
5305	Duty or tax or fee category code	C	an..3	D	an..3	Under 6th EU directive, any exemption from tax has to be declared more detailed. There are several provisions in the directive, which allow exemption. In the European environment it is necessary to state this reason whenever the invoice issuer declares an invoice item or the whole invoice to be VAT exempt. Code specifying a duty or tax or fee category. This code list contains codes referencing to the Sixth EU directive regarding tax exemption and special procedures. It is intended to be harmonised with other European industry

St = Status

		Standard		Implementation	
Tag	Name	St	Format	St	Format Usage / Remark
					organisations and finally the codes shall be added to the UN/EDIFACT code list 5305 to facilitate a homogeneous implementation of the directive's provisions throughout Europe. The use of any valid EDIFACT code is permitted, the trading partners may limit the codes in accordance with business and legal requirements. (1) Codes created to comply with the European invoicing directive. These codes are not yet part of the official EDIFACT code list. In Europe it is recommended or may be even required to use these more specific codes instead of code E. Recommendation: A Mixed tax rate AA Lower rate E Exempt from tax H Higher rate O Services outside scope of tax S Standard rate Z Zero rated goods AAA Exempt - Article 146, 148 and 151 of Council Directive 2006/112/EC AAB Exempt - Article 164 of Council Directive 2006/112/EC AAC Exempt - Article 138 of Council Directive 2006/112/EC AAD VAT exempt - Article 44 of Council Directive 2006/112/EC AAE Reverse Charge - Article 44 of Council Directive 2006/112/EC AAF Exempt - Article 346 of Council Directive 2006/112/EC AAG Exempt - Article 131, 132 and 135 of Council Directive 2006/112/EC AAH Margin Scheme - Title XII, Chapter 4 of Council Directive 2006/112/EC AAI Margin Scheme - Title XII, Chapter 3 of Council Directive 2006/112/EC AAJ Reverse Charge - Article 198 of Council Directive 2006/112/EC AAL Reverse Charge Exempt - Article 164 of Council Directive 2006/112/EC AAM Exempt New Means of Transport - Article 2, 3 and 4 of Council Directive 2006/112/EC AAN Exempt Triangulation - Article 141 of Council Directive 2006/112/EC
3446	Party tax identifier	C	an..20	N	Not used
1227	Calculation sequence code	C	an..3	N	Not used
5307	Tax or duty or fee payment due date code	C	an..3	O	an..3 1 Duty, tax or fee payment due on invoice payment date 2 Duty, tax or fee payment due on invoice issue date

Remark:

St = Status

In European business environment, it is recommended to use SG52 as well to summarize line items belonging to the same exemption category. Assuming an invoice with a mixture of line items (1000 EUR) subject to VAT and line items (1000 EUR) subject to different tax exemptions, the following example would explain the recommendation:

SG50: Total invoice amount (MOA+77) 2190.00 EUR
SG50: Total taxable amount (MOA+125) 1000.00 EUR
SG50: Total tax amount (MOA+176) 190.00 EUR
SG50: Total exemption amt (MOA+403) 1000.00 EUR (reason for tax exemption transmitted in FTX+TXD...)
SG52: Tax rate and amounts - VAT
SG52: Tax rate and type (TAX+7) 19% VAT
SG52: Taxable amount (MOA+125) 1000.00 EUR
SG52: Tax amount (MOA+124) 190.00 EUR

Example:

TAX+7+AAG+++:::19.00++++1'

No	Tag	St	MaxOcc	Level	Name
	SG54	O	10	1	Tax rates and amounts
If all line items of one Invoice contain equal tax rates the SG52 does not to be transmitted. Per different tax rate the SG52 must be repeated.					
105	MOA	D	1	2	Tax amount in invoice currency

Standard			Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
C516	Monetary amount	M	M		
5025	Monetary amount type code qualifier	M an..3	M an..3	124 Tax amount	
5004	Monetary amount	C n..35	R n..15	Value of a tax amount in currency units	
6345	Currency identification code	C an..3	R an..3		

Remark:**Example:**

MOA+124:190.00:EUR'

No	Tag	St	MaxOcc	Level	Name
	SG54	O	10	1	Tax rates and amounts
If all line items of one Invoice contain equal tax rates the SG52 does not to be transmitted. Per different tax rate the SG52 must be repeated.					
106	MOA	R	1	2	Taxable amount in invoice currency

Standard			Implementation		
Tag	Name	St Format	St Format	Usage / Remark	
C516	Monetary amount	M	M		
5025	Monetary amount type code qualifier	M an..3	M an..3	125 Taxable amount	
5004	Monetary amount	C n..35	R n..15	Value of a taxable amount in currency units	
6345	Currency identification code	C an..3	R an..3	Currency code according to specification in CUX segment(s).	

Remark:**Example:**

MOA+125:1000.00:EUR'

No	Tag	St	MaxOcc	Level	Name
107	UNT	M	1	0	Message trailer

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
0074	Number of segments in the message	M	n..6	M	n..6	Number of segments in the message
0062	Message reference number	M	an..14	M	an..14	

Remark:**Example:**

UNT+105+1'

No	Tag	St	MaxOcc	Level	Name
108	UNZ	M	1	0	Interchange trailer

Standard				Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
0036	Interchange control count	M	n..6	M	n..6	Number of messages in the data interchange.
0020	Interchange control reference	M	an..14	M	an..14	

Remark:**Example:**

UNZ+1+144659'

5 Message Pattern

	No	St	MaxRep	Segments
	UNA	1	O	1 UNA:+.? '
	UNB	2	M	1 UNB+UNOC:3+OD012345::X+987654321::4700+150220:1446+144659++++++1'
	UNH	3	M	1 UNH+1+INVOIC:D:13A:UN:GAVA22'
	BGM	4	M	1 BGM+780:::Frachtrechnung+97923947+9'
	DTM	5	M	1 DTM+137:20130416:102'
	DTM	6	R	1 DTM+1:20100308:102'
	DTM	7	O	1 DTM+158:20150201:102'
	DTM	8	O	1 DTM+159:20150220:102'
	FTX	9	O	99 FTX+TXD+++steuerfreie innergemeinschaftliche Lieferung::X:X:X+DE'
	FTX	10	O	99 FTX+REG+++Vorsitzender des Aufsichtsrates?: Max Mustermann: X:X:X:X+DE'
	FTX	11	O	99 FTX+AAB+++X:X:X:X:X+DE'
	FTX	12	O	99 FTX+AAI+++Bitte beachten Sie unsere geaenderte Bankverbindung:X:X:X:X+DE'
	GEI	13	O	1 GEI+LC+::272'
SG1			O	5
RFF	14	M		1 RFF+AGK:12345678'
SG2			R	1
NAD	15	M		1 NAD+BY+600::92++Volkswagen Konzernlogistik GmbH & Co OHG: :X:X+Heßlingerstraße 12:X+Wolfsburg++38436+DE'
SG3			O	4
RFF	16	M		1 RFF+ANK:315877076'
SG3			D	3
RFF	17	M		1 RFF+VA:DE811115489'
SG5			O	1
CTA	18	M		1 CTA+IC+X:X'
COM	19	O		4 COM+X:TE'
SG2			R	1
NAD	20	M		1 NAD+SE+0027934700::92++Spedition Rudolf:X:X:X+Transportallee 1:X+Transstadt++99999+DE'
SG3			O	5
RFF	21	M		1 RFF+VA:DE34287348'
SG3			D	1
RFF	22	M		1 RFF+FC:99/011/12345'
SG3			R	1
RFF	23	M		1 RFF+ANK:987654321'
SG3			O	1
RFF	24	M		1 RFF+XA:A1'
SG5			O	1
CTA	25	M		1 CTA+IC+:Max Mueller'
COM	26	O		5 COM+max.mueller(a)volkswagen.de:EM'
SG2			D	1
NAD	27	M		1 NAD+LC+++X:X:X:X:X+X+X+X+X+DE'
SG3			R	1
RFF	28	M		1 RFF+VA:DE123456789'
SG7			R	1
CUX	29	M		1 CUX+2:EUR:4+3:USD:11+1.4567'
DTM	30	D		1 DTM+134:20110729:102'
SG7			O	1
CUX	31	M		1 CUX+3:HUF:3++123456789'
DTM	32	O		1 DTM+134::102'

5 Message Pattern

	No	St	MaxRep	Segments
SG8	O		10	
PYT	33	M	1	PYT+22++5+3+D+14'
DTM	34	O	1	DTM+140:20110731:102'
DTM	35	O	1	DTM+171:20110715:102'
PCD	36	D	1	PCD+12:3.00'
MOA	37	O	1	MOA+52:30.00:EUR'
FII	38	O	1	FII+RH+4433221100:Iron Parts Ltd.+:::10090000::131:Volksbank'
SG27	R		900	
LIN	39	M	1	LIN+1'
IMD	40	R	1	IMD+++AAK::92:Rundlauf Eingang::DE'
MEA	41	D	1	MEA+AAX+AAD+KGM:100.00'
MEA	42	D	1	MEA+AAX+ABJ+MTQ:100.00'
MEA	43	O	5	MEA+AAX+AAC+KGM:100.00'
QTY	44	R	1	QTY+47:1:PCE'
QTY	45	D	5	QTY+101:2000.00:KGM'
DTM	46	D	1	DTM+1:20100308:102'
DTM	47	O	1	DTM+121:20150213:102'
DTM	48	O	1	DTM+11:20150213:102'
GIN	49	O	1000	GIN+VV+WVW12345'
FTX	50	O	99	FTX+TXD+++X:X:X:X:X+DE'
FTX	51	O	99	FTX+AAI+++X:X:X:X:X+DE'
SG28	R		1	
MOA	52	M	1	MOA+203::EUR'
SG28	O		1	
MOA	53	M	1	MOA+38::EUR'
SG28	O		1	
MOA	54	M	1	MOA+44:5500.00:EUR'
SG30	R		3	
PRI	55	M	1	PRI+AAA:10.00::CON:0.5:HUR'
SG30	O		1	
PRI	56	M	1	PRI+AAB::CON::PCE'
SG31	O		1	
RFF	57	M	1	RFF+ON:123456789068886:1'
DTM	58	O	1	DTM+171:20130612:102'
SG31	D		1	
RFF	59	M	1	RFF+CT:V1234:1'
DTM	60	O	1	DTM+171:20141223:102'
SG31	O		1	
RFF	61	M	1	RFF+LI:1'
SG31	O		6	
RFF	62	M	1	RFF+AAM:X'
DTM	63	O	1	DTM+171:20141112:102'
SG31	O		1	
RFF	64	M	1	RFF+AFC'
DTM	65	R	1	DTM+171:20141123:102'
SG32	D		999	
PAC	66	M	1	PAC+9++VW0012::92++:3'
MEA	67	D	3	MEA+AAY+LN+MMT:1200'
SG33	O		10	
PCI	68	M	1	PCI++PONU7274230:::X'
SG35	R		5	
TAX	69	M	1	TAX+7+AAG+++:::19+AA+++1'
SG40	N		10	

5 Message Pattern

	No	St	MaxRep	Segments
	ALC	70	M	1 ALC+C++++ABK::272'
	FTX	71	O	1 FTX+ALC+++X:X:X:X+aa'
┌	SG42		D	1
└	PCD	72	M	1 PCD+3:2'
┌	SG43		D	1
└	MOA	73	M	1 MOA+8:1:EUR'
┌	SG44		D	1
└	RTE	74	M	1 RTE+1:10.00::C62'
┌	SG46		D	10
└	TDT	75	M	1 TDT+10++10++987654321::92:Spedition & Logistik GmbH++ZZZ::A123-12+B-AV 123'
┌	SG47		D	10
└	LOC	76	R	1 LOC+5+CES02:::ES 31001 Pamplona'
┌	DTM	77	O	1 DTM+136:20141223:102'
└	SG47		D	10
┌	LOC	78	R	1 LOC+60+:::DE 28274 Hamburg+806M7:::X'
└	DTM	79	O	5 DTM+178:::102'
┌	SG48		O	5
└	TOD	80	M	1 TOD+6++FCA'
┌	LOC	81	O	2 LOC+1+:::Hamburg'
└	SG50		D	999
┌	GEI	82	M	1 GEI+5'
└	RFF	83	D	1 RFF+AAU:12345678'
┌	RFF	84	O	9 RFF+CRN:00123456'
└	RFF	85	D	1 RFF+FF:12345678901234567'
┌	RFF	86	O	9 RFF+ON:123456-2012'
└	DTM	87	D	1 DTM+124:20120424:102'
┌	LOC	88	D	1 LOC+80+0000128312::92:DE 70000 Stuttgart+X::91:X'
└	LOC	89	D	1 LOC+20+GC:::DE 38440 Wolfsburg+806M7:::X'
┌	MEA	90	O	5 MEA+AAX+AAD+TNE:33'
└	QTY	91	O	9 QTY+49:2:KMT'
┌	MOA	92	O	1 MOA+44:::USD'
└	UNS	93	M	1 UNS+S'
┌	CNT	94	O	1 CNT+2:1'
└	SG52		M	3
┌	MOA	95	M	1 MOA+77:1000:EUR'
└	SG52		D	3
┌	MOA	96	M	1 MOA+125:::EUR'
└	SG52		R	3
┌	MOA	97	M	1 MOA+176:190.00:EUR'
└	SG52		O	3
┌	MOA	98	M	1 MOA+79:1000.00:EUR'
└	SG52		O	3
┌	MOA	99	M	1 MOA+109:13.00:EUR'
└	SG52		D	3
┌	MOA	10	M	1 MOA+113:300.00:EUR'
└	SG53		D	1
┌	RFF	10	M	1 RFF+IV:12345'
└	DTM	10	O	1 DTM+171:20130113:102'
┌	SG52		O	2
└	MOA	10	M	1 MOA+403:1000.00:EUR'
┌	SG54		O	10
└	TAX	10	M	1 TAX+7+AAG++++:::19.00++++1'

No = Consecutive segment number in guide, St = Status, MaxRep = Maximum repetition

Volkswagen VDA 4938 T4 - Global INVOIC

29.11.2016

Version: VDA 2.2-VW 1.0 Variant: Frachtrechnung/Freight Invoice

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5 Message Pattern

		No	St	MaxRep	Segments
└─	MOA	10	D	1	MOA+124:190.00:EUR'
	MOA	10	R	1	MOA+125:1000.00:EUR'
	UNT	10	M	1	UNT+105+1'
	UNZ	10	M	1	UNZ+1+144659'