

Manual for the Electronic Mobile Phone Invoice Information
- Invoice -
- Subscriber Information -

Electronic Data Exchange
with
EDIFACT INVOIC UN D.01B
between
Vodafone GmbH
and
Vodafone Customers

Versions : ELM113 (new for all messages)

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1 Change History

Version	Date	Change Description	Name / Department
1.0	14.07.2015	Initial creation of document for ELM10 based on EDIFACT INVOIC UN D01 B S3	Sowa
1.01	25.09.2015	Additional optional address information in NAD+BY	Sowa
1.02	11.10.2017	Additional contract information Amended segments UNH (version), DTM und FTX. Sample message updated	M. Lala Axway GmbH
1.03	19.04.2018	Enhancements for M2M (IoT) billing Changes were applied to the segments BGM and FTX	M. Lala Axway GmbH
1.04	01.06.2018	Only ONE document for Version ELM11 (standard mobile) and ELM12 (M2M/IoT) / text adaptation "contract end" to "end of the minimum contract period"	B. Bendisch
1.04b	14.12.2018	Adaption example file names	B. Bendisch
1.05	07.08.2020	ELM13 now for all messages The max.repetition for the DTM segment in SG0 set to 10 DTM and FTX with new qualifiers	M. Lala Axway GmbH
1.06	04.02.2022	Enhancement of ELM13 regarding „Reverse Charge“ („Steuerschuldnerschaft des Leistungsempfängers“) – Invoice only. TAX Segments adapted, adding „Reverse Charge“ Information as code.	D. Sowa
	10.02.2022	Change of Vodafone-contact customer care	B. Bendisch / U.Bilge
1.07	08.04.2022	Changed example in chapter 10.1 regarding "Reverse Charge"	Anja Heinrichs
1.08	14.04.23	Changes + additions in chap. 6 resp. new as chap. 7 data transmissions protocols and chap. 7 contact persons now new as chap. 2	Sowa/Ichoutene/ Bendisch/Carrilho

2 Contact partner

If you have any questions, please contact your Vodafone customer service, who will forward them.

Alternatively, use the (german) contact form at:

www.vodafone.de/business-formular

3 Introduction

Vodafone GmbH offers its customers with the electronic mobile phone invoice information, the possibility of making extensive cost analyses and the processing of an electronic invoice in the EDIFACT format.

This document describes the semantic and syntactical structure of the electronic mobile phone invoice information including M2M/IoT (“machine to machine” / “Internet of things”).

The new version 1.3 (ELMI13) harmonizes the M2M (IoT) and standard mobile invoice

4 Scope of Services

The array of services with regard to the electronic mobile phone invoice information includes providing the documents issued by Vodafone GmbH

- Invoice,
 - Subscriber Information
 - Call details
- in electronic form.

In principle, within the process relating to the electronic mobile phone invoice information, the invoice is a non-optional component together with the Subscriber Information.

In the case of M2M invoices, the subscriber information is omitted, as the "IMSI" (International Mobile Subscriber Identity) is relevant here, This is given in the (data) call details.

The call details are optional components and are generated in line with the customer's requirements.

The above-mentioned formats were realized in subsets on the basis of the EDIFACT message type INVOIC 01.B. The latter was developed by the UN/ECE WP.4 (Working Party on the Facilitation of International Trading Procedures) especially for transmitting invoice data.

Counter = Counter of segment/group within the standard
No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
A=Advised, X=Not used

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,

5 Terms

The electronic and printed Vodafone documents are identical in terms of value. The differences in content are the result from adding identification numbers to allow electronic post-processing.

An invoice is issued for billing relevant customers. One or more subscribers are charged via one invoice. A subscriber is identified by a MSISDN (Vodafone telephone number). The invoice indicates the total amounts relating to the Vodafone services and customer-related services which are used by the customer.

The Subscriber Information is subscriber specific and provides information of the Vodafone services used by this subscriber. The Subscriber Information only serves as information and is not for payment. This information is not an official part of the invoice.

Call details display the time and costs relating to all calls made by a subscriber within the defined billing period.

Invoices, Subscriber Information and call details below are referred to as messages as long as information that concerns all formats to the same extent is affected.

Information about construction and structure at M2M:

M2M connections have a different information structure. Therefore, M2M connection messages are labeled with an additional data field in the **BGM segment, with the value "M2M"**.

For M2M connections, unlike standard mobile connections, the mobile number (MSISDN) is not relevant to e.g. a cost center assignment, but the **"IMSI" (International Mobile Subscriber Identity)**, which is reported within the call details report.

In the case of M2M, therefore, only the sequence of numbers **"00000000" "RFF + CN: 00000000" is in the MSISDN field.**

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6 Explanations regarding Subset Documentation

Various status codes are used in this document. These codes refer to the use of individual segment groups, segments, data element groups and data elements. For reasons of simplicity, the following explanations only refer to the segment level. They can, however, also be applied to segment groups, data element groups and data elements.

- M The segment **must** be used.
- C: The segment **can** be used.
- R: The segment is defined with the status “C” in the standard message. However it must be used within the framework of the subset.
- D: The use of the segment depends on the specific circumstances.
- S: The use of the segment is defined as a special agreement.
- X: The segment is not used.

Field formats are defined in accordance with the EDIFACT syntax unless explicitly described otherwise.

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7 System Structure

7.1 Transmission Protocols

As transmission protocol Vodafone uses the B2B Standard AS2 (Applicability Statement 2) or SFTP (Secure File Transfer Protocol).

The X.400 protocol is not used anymore by Vodafone for sending EDIFACT and is only mentioned for completeness.

The use of other transmission protocols can be checked onrequest. Usage is authorized by Vodafone GmbH subject to technical feasibility and in line with the legal regulations applying to data protection and data security.

7.1.1 AS2 Protocol

The electronic mobile phone information is sent on the basis of the AS2 (Applicability Statement 2) transmission protocol, which is now the global standard in the B2B sector.

AS2 is a secure, reliable and cost-efficient transmission protocol and allows direct end-to-end communication between the customer and Vodafone.

In principle, the use of the AS2 protocol is possible for all customers who

- a) already have AS2 in use (e.g. from Axway, Seeburger or other software solution)
- b) get their own AS2 software/interface (must be Drummond certified)
- c) have received the AS2 software from Vodafone (Axway software solution) as a 1-user license:
This can continue to be used, *but support is no longer available for it.*
The software will no longer be provided by Vodafone.

Transmission is encrypted over the Internet (http/https) and authentication is by using certificates. The data can be stored synchronously or asynchronously (optional) on the customer system with AS2, e.g. in a folder path or on an externally integrated drive.

In order to be able to receive the data from Vodafone, it is required, that a server on customer side is connected to the Internet with ideally 24/7 operation (IP/URL address according to order).

7.1.2 SFTP

SFTP (Secure File Transfer Protocol) is (similar to AS2) a secure method for transferring data as it enables encrypted transfer, allowing the company to securely transfer files. In this way, the sensitive information is not transmitted over the network in plain text and content cannot be read.

SFTP uses SSH (Secure Shell) to transfer data. The client (Vodafone as the sender of the billing data) must authenticate itself on the server (recipient of the billing data) with the so-called SSH public key, which is checked against a corresponding SSH private key on the server. Mutual authentication takes place via certificates and via the public and private key procedure. The SSH public key has to be provided to the client by the server.

Just as with AS2, a server connected to the Internet with ideally 24/7 operation (IP/URL address according to order) is required on the customer side for receiving data from Vodafone.

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7.1.3 X.400 Protocol

X.400 is an older transmission protocol which in general is used / bought via the Business Mailbox of the Deutsche Telekom. The invoice data is provided (unencrypted) for retrieval in the Telekom Mailbox. In certain single events the transmission is done in a compressed format (Zip) in case the receiving software is capable of this. In general all X.400 domains can be reached which have a gateway agreement with the Deutsche Telekom. For end customers which only have a Message Transfer Agent (MTA) a direct link can be provided if applicable. X.400 is not provided by Vodafone anymore.

7.2 Structure of Transmission

A transmission of electronic billing information mobile network has the following structure:

There is at least one transfer per customer, i.e. per invoice (credit note).

With the optional receipt of itemized bills, at least two transmissions are made per customer, i.e. the invoice/credit note and itemized connection overview(s) are sent separately.

The maximum transmission volume with X.400 is limited to 2 megabytes in accordance with the secured transmission rate of the ISO X.400 standard. If the transmission volume exceeds this limit or its integer multiple, a physical separation into two or more transmissions takes place.

This restriction does not exist with AS2 and SFTP.

7.3 Data Reception

In this chapter AS2-/SFTP and X.400 Data transmission is described separately in more details.

7.3.1 Data Reception AS2 and SFTP

Appropriate software is required to receive data via AS2 or SFTP (can be purchased on the open market).

In order to be able to receive the files via AS2 or via SFTP, the required connection parameters must be provided (including information according to the order form).

A prerequisite for successful data transfer is that there is a connection to the Internet at the time of transfer and that there is sufficient storage space in the target directory.

For invoice files to be transmitted to partner Vodafone offers following file naming convention (changes reserved):

<Billable-Account-Number>_<Invoice-Number>_<Bill-Cycle-End-Date>_<File-Number>_<Total-Number-of-Files>.<File-Extension>

The possible „File-Extensions“ are as follows:

„rueb“ – for Invoice and Subscriber Information data

„evn“ - for Call Details data

File name examples:

1) 123456789_100002778901_20180430_00000001_00000002.rueb

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2) 123456789_100002778901_20180430_00000029_00000029.evn

To sort the files the „Billable Account Number“ is put in front of the file name. After that the „Invoice Number“ is the next value. The „Bill Cycle End Date“ will be shown in format “YYYYMMDD” (Y=year; M=month; D=day).

The last two values help to identify which file it is and how many there are in total. The file name extension is either “rueb” or “evn” as described above.

To give a clear example within the above mentioned file names:

- 1) File 1 of overall 2 for the type “rueb”, „Billable Account Number“ 123456789, “InvoiceNumber” 100002778901 and “Bill Cycle End Date” 20180430.
- 2) File 29 of overall 29 (last file) for the type “evn” „Billable Account Number” 123456789, “InvoiceNumber” 100002778901 and “Bill Cycle End Date” 20180430.

7.3.2 Data Reception X.400

The minimum equipment required for receiving data is a user agent that is compatible with the respective X.400 system (e.g. the Telebox software for the Telebox 400).

The integration of a special Electronic Mobile Phone Invoice Information file handling function has been realized in Deutsche Telekom’s ELRE transfer program for users of Deutsche Telekom’s Telebox 400 service for the purpose of automatically collecting Electronic Mobile Phone Invoice Information messages. The following file handling has been realized (subject to change):

The following sender address is used.

C = DE
 A = DBP
 P = mdvx400
 O = Mannesmann
 OU1 = mdvd0
 S = tiggmo6

Via the ELRE transfer program, files are stored in the defined input directory on the customer’s receiving computer in line with the following name convention.

YYMMxxxx.MMO

whereby

YY: year of the X.400 transmission
 MM: month of the X.400 transmission
 xxxx four-digit alphanumeric code that is generated in ascending order for each year-month combination
 MMO constant suffix

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For a transmission carried out in April 2007, the following content appears in the input directory in the case of four transfers:

0704AAAA.MMO
0704AAAB.MMO
0704AAAC.MMO
0704AAAD.MMO

Please note that the number of files which can be administered in the input directory by the ELRE transfer program **is limited to approx. 1.400**. If this number is exceeded, reading the Data from the Telebox will result in errors.

Please note that when deleting the input directory, in the case of another transmission taking place in the same month, an identical file name can be used several times. It is therefore not sufficient for archiving purposes to simply copy or move the files from the input directory to another target directory while retaining the name of the source file.

7.4 Data Volumes, Initial and Repeated Transmission

The data shall be deemed to have been delivered with a positive transmission protocol.

The AS2/SFTP- protocol is not using the Mailbox principle of the X.400 Telebox. Files transmitted via AS2 are sent directly to the destination path on the customer/receiving side. After a successful file transfer for each file, the sending part will get a message delivery notification (MDN). All MDNs are chronological sorted by the receiving date and can be analysed quickly.

Starting with the initial transmission, the EDIFACT data is available for a period of a maximum of three months for the purpose of repeated transfer. In this context, we hereby point out that this only concerns a new transfer and not the new generation of the EDIFACT data. The EDIFACT data cannot be reproduced once this period of time has expired.

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8 Message Structure

Message Structure:

Counter	No	Tag	St	MaxOcc	Level	Content
01	1	UNA	C	1	0	Service string advice
01	2	UNB	M	1	0	Interchange header
01	3	UNH	M	1	0	Message header
01	4	BGM	M	1	0	Beginning of message
01	5	DTM	M	35	1	Date/time/period
01	6	PAI	C	1	0	Payment instructions
01	7	ALI	X	5	1	Additional information
01	8	IMD	X	1	0	Item description
01	9	FTX	C	99	1	Free text
01	10	LOC	X	10	1	Place/location identification
01	11	GIS	X	10	1	General indicator
01	12	DGS	X	1	0	Dangerous goods
01	13	GIR	X	10	1	Related identification numbers
1		SG1	C	99999	1	RFF-DTM-GIR-LOC-MEA-QTY-FTX-MOA-RTE
01	14	RFF	M	1	1	Reference
02	15	DTM	X	5	2	Date/time/period
02	16	GIR	X	5	2	Related identification numbers
02	17	LOC	X	2	2	Place/location identification
01	18	MEA	X	5	2	Measurements
01	19	QTY	X	2	2	Quantity
02	20	FTX	X	5	2	Free text
01	21	MOA	X	2	2	Monetary amount
01	22	RTE	X	99	2	Rate details
0220		SG2	C	99	1	NAD-LOC-FII-MOA-SG3-SG4-SG5
01	23	NAD	M	1	1	Name and address
03	24	LOC	X	25	2	Place/location identification
01	25	FII	C	5	2	Financial institution information
02	26	MOA	X	99	2	Monetary amount
3		SG3	C	9999	2	RFF-DTM
02	27	RFF	M	1	2	Reference
03	28	DTM	X	5	3	Date/time/period
4		SG4	X	5	2	DOC-DTM
01	29	DOC	X	1	2	Document/message details
04	30	DTM	X	5	3	Date/time/period
5		SG5	C	5	2	CTA-COM
01	31	CTA	M	1	2	Contact information
01	32	COM	C	5	3	Communication contact
6		SG6	X	5	1	TAX-MOA-LOC
01	33	TAX	X	1	1	Duty/tax/fee details

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Counter	No	Tag	St	MaxOcc	Level	Content	
	03	34	MOA	X	1	2	Monetary amount
	04	35	LOC	X	5	2	Place/location identification
	7	SG7	C	99	1	CUX-DTM	
	01	36	CUX	M	1	1	Currencies
	05	37	DTM	X	5	2	Date/time/period
	8	SG8	C	10	1	PAT-DTM-PCD-MOA-PAI-FII	
	01	38	PAT	X	1	1	Payment terms basis
	06	39	DTM	X	5	2	Date/time/period
	01	40	PCD	X	1	2	Percentage details
	04	41	MOA	X	1	2	Monetary amount
	02	42	PAI	X	1	2	Payment instructions
	02	43	FII	X	1	2	Financial institution information
	9	SG9	X	10	1	TDT-TSR-SG10-SG11	
	01	44	TDT	X	1	1	Details of transport
	01	45	TSR	X	1	2	Transport service requirements
	10	SG10	X	10	2	LOC-DTM	
	05	46	LOC	X	1	2	Place/location identification
	07	47	DTM	X	5	3	Date/time/period
	11	SG11	X	9999	2	RFF-DTM	
	03	48	RFF	X	1	2	Reference
	08	49	DTM	X	5	3	Date/time/period
	12	SG12	X	5	1	TOD-LOC	
	01	50	TOD	X	1	1	Terms of delivery or transport
	06	51	LOC	X	2	2	Place/location identification
	13	SG13	X	99	1	EQD-SEL	
	01	52	EQD	X	1	1	Equipment details
	01	53	SEL	X	9	2	Seal number
	14	SG14	X	1000	1	PAC-MEA-EQD-SG15	
	01	54	PAC	X	1	1	Package
	02	55	MEA	X	5	2	Measurements
	02	56	EQD	X	1	2	Equipment details
	15	SG15	X	5	2	PCI-RFF-DTM-GIN	
	01	57	PCI	X	1	2	Package identification
	04	58	RFF	X	1	3	Reference
	09	59	DTM	X	5	3	Date/time/period
	01	60	GIN	X	5	3	Goods identity number
	16	SG16	X	9999	1	ALC-ALI-FTX-SG17-SG18-SG19-SG20-SG21-SG22	
	01	61	ALC	X	1	1	Allowance or charge
	02	62	ALI	X	5	2	Additional information
	03	63	FTX	X	1	2	Free text

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Counter	No	Tag	St	MaxOcc	Level	Content
	17	SG17	X	5	2	RFF-DTM
	05	64 RFF	X	1	2	Reference
	10	65 DTM	X	5	3	Date/time/period
	18	SG18	X	1	2	QTY-RNG
	02	66 QTY	X	1	2	Quantity
	01	67 RNG	X	1	3	Range details
	19	SG19	X	1	2	PCD-RNG
	02	68 PCD	X	1	2	Percentage details
	02	69 RNG	X	1	3	Range details
	20	SG20	X	2	2	MOA-RNG-CUX-DTM
	05	70 MOA	X	1	2	Monetary amount
	03	71 RNG	X	1	3	Range details
	02	72 CUX	X	1	3	Currencies
	11	73 DTM	X	1	3	Date/time/period
	21	SG21	X	1	2	RTE-RNG
	02	74 RTE	X	1	2	Rate details
	04	75 RNG	X	1	3	Range details
	22	SG22	X	5	2	TAX-MOA
	02	76 TAX	X	1	2	Duty/tax/fee details
	06	77 MOA	X	1	3	Monetary amount
	23	SG23	X	100	1	RCS-RFF-DTM-FTX
	01	78 RCS	X	1	1	Requirements and conditions
	06	79 RFF	X	5	2	Reference
	12	80 DTM	X	5	2	Date/time/period
	04	81 FTX	X	5	2	Free text
	24	SG24	X	1	1	AJT-FTX
	01	82 AJT	X	1	1	Adjustment details
	05	83 FTX	X	5	2	Free text
	25	SG25	X	1	1	INP-FTX
	01	84 INP	X	1	1	Parties and instruction
	06	85 FTX	X	5	2	Free text
	26	SG26	C	9999999	1	LIN-PIA-PGI-IMD-MEA-QTY-PCD-ALI-DTM-GIN-GIR-QVR-EQD-FTX-DGS-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47-SG48-SG49
	01	86 LIN	M	1	1	Line item
	01	87 PIA	C	25	2	Additional product id
	01	88 PGI	X	99	2	Product group information
	02	89 IMD	C	99	2	Item description
	03	90 MEA	X	5	2	Measurements
	03	91 QTY	C	5	2	Quantity

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Counter	No	Tag	St	MaxOcc	Level	Content
03	92	PCD	X	1	2	Percentage details
03	93	ALI	X	5	2	Additional information
13	94	DTM	C	35	2	Date/time/period
02	95	GIN	X	1000	2	Goods identity number
03	96	GIR	X	1000	2	Related identification numbers
01	97	QVR	X	1	2	Quantity variances
03	98	EQD	X	1	2	Equipment details
07	99	FTX	X	99	2	Free text
02	100	DGS	X	1	2	Dangerous goods
27		SG27	C	99	2	MOA-CUX
07	101	MOA	M	1	2	Monetary amount
03	102	CUX	X	1	3	Currencies
28		SG28	X	10	2	PAT-DTM-PCD-MOA
02	103	PAT	M	1	2	Payment terms basis
14	104	DTM	X	5	3	Date/time/period
04	105	PCD	X	99	3	Percentage details
08	106	MOA	X	1	3	Monetary amount
29		SG29	C	25	2	PRI-CUX-APR-RNG-DTM
01	107	PRI	M	1	2	Price details
04	108	CUX	X	1	3	Currencies
01	109	APR	X	1	3	Additional price information
05	110	RNG	X	1	3	Range details
15	111	DTM	X	5	3	Date/time/period
30		SG30	X	10	2	RFF-DTM
07	112	RFF	X	1	2	Reference
16	113	DTM	X	5	3	Date/time/period
31		SG31	X	10	2	PAC-MEA-EQD-SG32
02	114	PAC	X	1	2	Package
04	115	MEA	X	10	3	Measurements
04	116	EQD	X	1	3	Equipment details
32		SG32	X	10	3	PCI-RFF-DTM-GIN
02	117	PCI	X	1	3	Package identification
08	118	RFF	X	1	4	Reference
17	119	DTM	X	5	4	Date/time/period
03	120	GIN	X	10	4	Goods identity number
33		SG33	X	9999	2	LOC-QTY-DTM
07	121	LOC	X	1	2	Place/location identification
04	122	QTY	X	100	3	Quantity
18	123	DTM	X	5	3	Date/time/period
34		SG34	C	99	2	TAX-MOA-LOC

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

Counter	No	Tag	St	MaxOcc	Level	Content
03	124	TAX	M	1	2	Duty/tax/fee details
09	125	MOA	X	2	3	Monetary amount
08	126	LOC	X	5	3	Place/location identification
35		SG35	X	99	2	NAD-LOC-FII-SG36-SG37-SG38
02	127	NAD	X	1	2	Name and address
09	128	LOC	X	5	3	Place/location identification
03	129	FII	X	5	3	Financial institution information
36		SG36	X	5	3	RFF-DTM
09	130	RFF	X	1	3	Reference
19	131	DTM	X	5	4	Date/time/period
37		SG37	X	5	3	DOC-DTM
02	132	DOC	X	1	3	Document/message details
20	133	DTM	X	5	4	Date/time/period
38		SG38	X	5	3	CTA-COM
02	134	CTA	X	1	3	Contact information
02	135	COM	X	5	4	Communication contact
39		SG39	X	30	2	ALC-ALI-DTM-FTX-SG40-SG41-SG42-SG43-SG44
02	136	ALC	X	1	2	Allowance or charge
04	137	ALI	X	5	3	Additional information
21	138	DTM	X	5	3	Date/time/period
08	139	FTX	X	1	3	Free text
40		SG40	X	1	3	QTY-RNG
05	140	QTY	X	1	3	Quantity
06	141	RNG	X	1	4	Range details
41		SG41	X	1	3	PCD-RNG
05	142	PCD	X	1	3	Percentage details
07	143	RNG	X	1	4	Range details
42		SG42	X	2	3	MOA-RNG-CUX-DTM
10	144	MOA	X	1	3	Monetary amount
08	145	RNG	X	1	4	Range details
05	146	CUX	X	1	4	Currencies
22	147	DTM	X	1	4	Date/time/period
43		SG43	X	1	3	RTE-RNG
03	148	RTE	X	1	3	Rate details
09	149	RNG	X	1	4	Range details
44		SG44	X	5	3	TAX-MOA
04	150	TAX	X	1	3	Duty/tax/fee details
11	151	MOA	X	2	4	Monetary amount
45		SG45	X	10	2	TDT-SG46
02	152	TDT	X	1	2	Details of transport

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EDIFACT INVOIC UN D.01B

	46	SG46	C	10	3	LOC-DTM	
	10	153	LOC	X	1	3	Place/location identification
	23	154	DTM	X	5	4	Date/time/period
	47	SG47	X	5	2	TOD-LOC	
	02	155	TOD	X	1	2	Terms of delivery or transport
	11	156	LOC	X	2	3	Place/location identification
	48	SG48	X	100	2	RCS-RFF-DTM-FTX	
	02	157	RCS	X	1	2	Requirements and conditions
	10	158	RFF	X	5	3	Reference
	24	159	DTM	X	5	3	Date/time/period
	09	160	FTX	X	5	3	Free text
	49	SG49	X	10	2	GIS-RFF-DTM-GIR-LOC-MEA-QTY-FTX-MOA	
	02	161	GIS	X	1	2	General indicator
	11	162	RFF	X	1	3	Reference
	25	163	DTM	X	5	3	Date/time/period
	04	164	GIR	X	5	3	Related identification numbers
	12	165	LOC	X	2	3	Place/location identification
	05	166	MEA	X	5	3	Measurements
	06	167	QTY	X	2	3	Quantity
	10	168	FTX	X	5	3	Free text
	12	169	MOA	X	2	3	Monetary amount
	01	170	UNS	M	1	0	Section control
	01	171	CNT	X	10	1	Control total
	50	SG50	M	100	1	MOA-SG51	
	13	172	MOA	M	1	1	Monetary amount
	51	SG51	X	1	2	RFF-DTM	
	12	173	RFF	X	1	2	Reference
	26	174	DTM	X	5	3	Date/time/period
	52	SG52	C	10	1	TAX-MOA	
	05	175	TAX	M	1	1	Duty/tax/fee details
	14	176	MOA	C	9	2	Monetary amount
	53	SG53	X	15	1	ALC-ALI-MOA-FTX	
	03	177	ALC	X	1	1	Allowance or charge
	05	178	ALI	X	1	2	Additional information
	15	179	MOA	X	2	2	Monetary amount
	11	180	FTX	X	1	2	Free text
	01	181	UNT	M	1	0	Message trailer
	01	182	UNZ	M	1	0	Interchange trailer

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 MaxOcc = Maximum occurrence of the segment/group
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 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - Transfer / UNA

9 EDIFACT Segments

Transfer

Counter	No	Tag	St	MaxOcc	Level	Name
01	1	UNA	C	1	0	Service string advice

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNA				
UNA1	Component data element separator	M an1	M an1	+
UNA2	Data element separator	M an1	M an1	:
UNA3	Decimal notation	M an1	M an1	.
UNA4	Release indicator	M an1	M an1	?
UNA5	Reserved for future use	M an1	M an1	
UNA6	Segment terminator	M an1	M an1	'

Remark:

Example:

UNA:+.? '

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 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - Transfer / UNB

Counter	No	Tag	St	MaxOcc	Level	Name
01	2	UNB	M	1	0	Interchange header

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNB				
S001	Syntax identifier	M	M	
0001	Syntax identifier	M a4	M a4	"UNOC" = (UN/ECE level C; ISO 8859-1) – "syntax definition" 1 (Version 1)
0002	Syntax version number	M n1	M n1	
S002	Interchange sender	M	M	
0004	Sender identification	M an..35	M an..35	"MDVEDI" (Vodafone- Sender identification for "Electronic Mobile Phone Invoice Information")
0007	Partner identification code qualifier	C an..4	C an..4	
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	This logical Recipient Identification should be set by the partner. If no pre-sets has been provided by partner during the initial activation, the sender sets this value accordingly to own value.
0007	Partner identification code qualifier	C an..4	C an..4	This element is used only in case if it has been required by the partner
0014	Routing address	C an..14	C an..14	This element is used only in case if it has been required by the partner
S004	Date/time of preparation	M	M	
0017	Date of preparation	M n6	M n6	Creation Date (YYMMDD)
0019	Time of preparation	M n4	M n4	Creation Time (HHMM)
0020	Interchange control reference	M an..14	M an..14	Interchange control starts with „1“ and will be incremented for each next Interchange.
S005	Recipient's reference, password	C	X	
0022	Recipient's reference/password	M an..14	X an..14	
0025	Recipient's reference/password qualifier	C an2	X an2	
0026	Application reference	C an..14	X an..14	
0029	Processing priority code	C a1	X a1	
0031	Acknowledgement request	C n1	X n1	
0032	Communications agreement ID	C an..35	X an..35	
0035	Test indicator	C n1	X n1	

Remark: Marks the beginning of an Interchange

Example:

UNB+UNOC:1+MDVEDI+Receiver+201505:1109+4711'

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EDIFACT INVOIC UN D.01B - SG0 / UNH
SG0

Counter	No	Tag	St	MaxOcc	Level	Name
01	3	UNH	M	1	0	Message header

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNH				
0062	Message reference number	M an..14	M an..14	Format "ELMOD2"+ nnnnn, whereby nnnnn is the current number of the message within an EDIFACT file. The message reference number always starts with 1 for the first EDIFACT message and is increased by the value of 1 for every further message within the transmission. Starting value: "ELMOD200001"
S009	Message identifier	M	M	
0065	Message type	M an..6	M an..6	"INVOIC" = EDIFACT Standard Invoice Subset
0052	Message version number	M an..3	M an..3	"D"
0054	Message release number	M an..3	M an..3	"01B"
0051	Controlling agency	M an..2	M an..2	"UN"
0057	Association assigned code	C an..6	C an..6	"ELMI13" = new version for all messages (for standard mobile and M2M/IoT)
0068	Common access reference	C an..35	X an..35	
S010	Status of the transfer	C	M	
0070	Sequence of transfers	M n..2	M n..2	"1" (increased per file)
0073	First and last transfer	C a1	C a1	C = first message of a partial transmission F = last message of a partial transmission The allocation into partial transmissions is customer and document-based. The customer is identified via the customer number (see segment group 1, segment RFF with IT qualifier). The document is identified via the data element BGM\C002_1001. A transmission for a customer can consist of the following: - an Invoice - an Invoice and one or more pieces of Subscriber Information or - one or more Vodafone call detail(s). If a partial transmission is the first and the last partial transmission, the qualifier is assigned the value "F".

Remark: Marks the beginning of an Electronic Mobile Phone Invoice Information Vodafone message.

Example:

UNH+ELMOD200001+INVOIC:D:01B:UN:ELMI13++1:C'

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No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
A=Advised, X=Not used

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG0 / BGM

Counter	No	Tag	St	MaxOcc	Level	Name
01	4	BGM	M	1	0	Beginning of message

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
BGM				
C002	Document/message name	C	C	
1001	Document name code	C an..3	C an..3	"380" = Invoice "190" = Subscriber Information
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
1000	Document name	C an..35	X an..35	
C106	Document/message identification	C	C	
1004	Document identifier	C an..35	C an..35	Document number for the Invoice or the Subscriber Information. The document number on the Invoice is the customer's number (9-digit with leading zeros). Format : nnnnnnnnn The document number relating to the information on the Vodafone number comprises the 5-digit NDC and the 7-digit MSISDN (Vodafone subscriber number), the number of the fixed network extension or DSL connection number Format NDC/MSISDN: nnnnn/nnnnnnn 11001/connection_number for DSL subscriber
1056	Version identifier	C an..9	X an..9	
1060	Revision identifier	C an..6	X an..6	
1225	Message function code	C an..3	X an..3	
4343	Response type code	C an..3	C an..3	"M2M"

Remark: Serves the purpose of Identifying the message type as

- an Invoice or
 - Subscriber Information
- and of transmitting the document number

If the code M2M is set, no subscriber information is available. For the evaluation of the data, the itemized bill based on the IMSI (instead of MSISDN) is relevant.

Example:

BGM+380+101103370++M2M'

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

EDIFACT INVOIC UN D.01B - SG0 / DTM

Counter	No	Tag	St	MaxOcc	Level	Name
01	5	DTM	M	35	1	Date/time/period

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M an..3	"3" = invoice date (bill date) "51" = beginning of billing period "52" = end of billing period "92" = contract start date "93" = end of the minimum contract period "559" = date of contract cancellation "561" = last possible contract termination date "667" = withdrawal notice
2380	Date or time or period value	C an..35	C an..35	Bill date / beginning of the billing period / end of the billing period depending on the qualifier.
2379	Date or time or period format code	C an..3	C an..3	"102" = CCYYMMDD "801" = Year(s) "802" = Month "803" = Week(s) "804" = Day(s)

Remark: This segment is used for transmitting

- the Invoice date (bill date) as well as
- the beginning and
- the end of a billing period
- contract data informations (in subscriber information)

In the FTX+ACB you can find additional information for the DTM+561.

Attention: **"DTM+561"** (last possible contract termination date) was in ELM11 "DTM+559" (now: date of contract cancellation)

Example:

```
DTM+3:20150113:102'
DTM+51:20141208:102'
DTM+52:20150107:102'
DTM+92:20150202:102'
DTM+93:20180201:102'
DTM+559:20171201:102'
DTM+561:20180220:102'
DTM+667:03:802'
```

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG0 / PAI

Counter	No	Tag	St	MaxOcc	Level	Name
01	6	PAI	C	1	0	Payment instructions

			Standard	Implementation		
Tag	Name	St	Format	St	Format	Usage / Remark
PAI						
C534	Payment instruction details	M		M		
4439	Payment conditions code	C	an..3	C	an..3	"1" = Direct payment
4431	Payment guarantee means code	C	an..3	X	an..3	
4461	Payment means code	C	an..3	C	an..3	"30" = Payment by bank transfer "31" = Payment by direct debit
1131	Code list identification code	C	an..17	X		
3055	Code list responsible agency code	C	an..3	X		
4435	Payment channel code	C	an..3	X	an..3	

Remark: This segment is used for identifying the payment method agreed by the customer and VF (bank transfer or direct debit).

Example:

PAI+1:::31'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG0 / FTX

Counter	No	Tag	St	MaxOcc	Level	Name
01	9	FTX	C	99	0	Free text

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
FTX				
4451	Text subject code qualifier	M an..3	M an..3	"INV" = Information from third-party vendors + additional hints/informations "AAI" = General information "AAB" = Conditions of payment "AFU" = Financial Institution information "AGM" = VAT exempt reason information "ACB" = Additional information on the last possible contract termination date "FN" = footnote
4453	Free text function code	C an..3	C an..3	"1" = Text for following use
C107	Text reference	C	X	
4441	Free text value code	M an..17	X an..17	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
C108	Text literal	C	C	
4440	Free text value	M an..512	M an..512	Additional text relating to the invoice
4440	Free text value	C an..512	C an..512	Additional text relating to the invoice
4440	Free text value	C an..512	C an..512	Additional text relating to the invoice
4440	Free text value	C an..512	C an..512	Additional text relating to the invoice
4440	Free text value	C an..512	C an..512	Additional text relating to the invoice
3453	Language name code	C an..3	C an..3	
4447	Free text format code	C an..3	C an..3	

Remark: This segment is used for transmitting additional texts relating to the invoice
It is used for information from third-party vendors, general information and information belonging to the conditions of payment.

The information in the FTX+ACB is related to the DTM+561.

Example:

FTX+AAI+++Begründete Einwendungen gegen diese Rechnung, insbesondere auch gegen einzelne in der Rechnung gestellte Forderungen, können schriftlich innerhalb von acht Wochen nach Zugang der Rechnung an die umseitig genannte Adresse erhoben werden. Wurden aus technischen Gründen keine Verbindungsdaten gespeichert oder für den Fall, dass keine Beanstandungen erhoben wurden, gespeicherte Daten nach Verstreichen der in Satz 1 genannten Frist oder aufgrund rechtlicher Verpflichtungen gelöscht, ist Vodafone nicht zum Nachweis der erbrachten Verbindungsleistungen verpflichtet. Auf entsprechendes vorheriges Verlangen des Kunden werden die Daten nach §97 Absatz 4 Nr. 2 TKG bereits mit Versendung der Rechnung an den Kunden gelöscht. Auch in diesem Fall ist Vodafone von der Nachweispflicht für die erbrachten Verbindungsleistungen befreit. Durch Rundungsdifferenzen können sich Abweichungen zwischen der Addition der Einzelbeträge und dem Rechnungsbetrag ergeben. Abrechnungsrelevant ist allein der "Rechnungsbetrag in EUR". Auf der Rechnung können Leistungen aus früheren Abrechnungsperioden berechnet worden sein, die Vodafone bisher nicht in Rechnung stellen konnte.'

FTX+AAI+++Informationen zum generellen Ablauf des Anbieterwechsels finden Sie unter www.bundesnetzagentur.de/tk-anbieterwechsel.'

FTX+AFU+++Vodafone_BankName:Vodafone_BIC:Vodafone_IBAN

FTX+AGM+++VAT_exempt_reason_text

FTX+ACB+++zum Vertragsende

FTX+FN+++footnote'

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EDIFACT INVOIC UN D.01B - SG1 / RFF

Counter	No	Tag	St	MaxOcc	Level	Name
1		SG1	C	99999	1	RFF-DTM-GIR-LOC-MEA-QTY-FTX-MOA-RTE
01	14	RFF	M	1	1	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	"IT" = customer number "IV" = Invoice number "VA" = the Invoice recipient's VAT number "RB" = tariff type "CN" = MSISDN, fixed network extension or DSL number "CR" = Identification for customer (Internal identifier) "PT" = product type "ADF" = contract number
1154	Reference identifier	C an..70	C an..70	Depending on the qualifier: Customer number Format: an..9 Invoice number Format: an..12 VAT number Format: an..16 Tariff type Format: an..5 MSISDN Format: 0172/nnnnnnn, 0173/nnnnnnn, 0174/0000000, 0162/nnnnnnn, 01520/nnnnnnn DSL number Format: 11001/nnnnnnn or fixed network telephone number. Identification for the customer Format an..15 This number can be defined at will by the customer. Product type Format an..3 e.g. . „ANL“ for DSL and fixed network subscriber or „GSM“ for GSM subscribers. Within the scope of the billing process, the customer is allocated a specific invoice number. The tariff type identifies the billing model used for the subscriber. The MSISDN, the DSL number, fixed network telephone number, the identification for customer, the product type and the tariff type are only stated on the invoice for customers with only one SIM.
1156	Document line identifier	C an..6	X an..6	
4000	Reference version identifier	C an..35	X an..35	
1060	Revision identifier	C an..6	X an..6	

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 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG1 / RFF

- Remark:** This segment is used for transmitting
- the customer number
 - the Invoice number
 - the Invoice recipient's VAT number
 - the tariff type
 - the MSISDN (subscriber number), DSL or fixed network number
 - the internal identification for customer and
 - the product type
 - the contract number

Example:

RFF+IV:119999999999'

Counter = Counter of segment/group within the standard
No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
A=Advised, X=Not used

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG2 IV / NAD

Counter	No	Tag	St	MaxOcc	Level	Name
	2	SG2 IV	C	99	1	NAD-LOC-FII-MOA-SG3-SG4-SG5
01	23	NAD	M	1	1	Name and address

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				Use for the Invoice recipient ("IV")
3035	Party function code qualifier	M an..3	M an..3	"IV" = Invoice recipient
C082	Party identification details	C	X	
3039	Party identifier	M an..35	X an..35	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
C058	Name and address	C	X	
3124	Name and address description	M an..35	X an..35	
3124	Name and address description	C an..35	X an..35	
3124	Name and address description	C an..35	X an..35	
3124	Name and address description	C an..35	X an..35	
3124	Name and address description	C an..35	X an..35	
C080	Party name	C	C	Used for invoice recipient (IV)
3036	Party name	M an..35	M an..35	Name and/or address details (Name 1)
3036	Party name	C an..35	C an..35	Name and/or address details (Name 1 – continue)
3036	Party name	C an..35	C an..35	Name and/or address details (Name 2)
3036	Party name	C an..35	C an..35	Name and/or address details (Name 3)
3036	Party name	C an..35	X an..35	
3045	Party name format code	C an..3	X an..3	
C059	Street	C	C	Used for invoice recipient("IV")
3042	Street and number or post office box identifier	M an..35	M an..35	Street and number or P.O. box of recipient
3042	Street and number or post office box identifier	C an..35	C an..35	Street and number or P.O. box of recipient
3042	Street and number or post office box identifier	C an..35	C an..35	
3042	Street and number or post office box identifier	C an..35	X an..35	
3164	City name	C an..35	C an..35	City
C819	Country sub-entity details	C	C	
3229	Country sub-entity name code	C an..9	C an..9	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
3228	Country sub-entity name	C an..70	C an..70	
3251	Postal identification code	C an..17	C an..17	Postal code
3207	Country name code	C an..3	C an..3	Country (e.g. "DE" = Germany)

Remark: This segment is used for transmitting the name and address details of the document recipient.
 If the location stated in the address of the recipient includes more than 35 characters, segment group 2 including segments NAD and FII is repeated for stating the rest of the location name.
 E.g.: Location = 123456789 in Neuss am Rhein test123456789testest1234
 NAD+IV+++...:123456789 in Neuss am Rhein test123'FII+BI+...'
 NAD+IV+++...:456789testest1234'

Example:
 NAD+IV+++ABC GmbH+Hauptstrasse 1+Heiden++50999+DE'

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 MaxOcc = Maximum occurrence of the segment/group
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 St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG2 IV / FII

Counter	No	Tag	St	MaxOcc	Level	Name
	2	SG2	C	99	1	NAD-LOC-FII-MOA-SG3-SG4-SG5
	01	FII	C	5	2	Financial institution information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
FII				Used if direct Debit
3035	Party function code qualifier	M an..3	M an..3	"BI" = person paying
C078	Account holder identification	C	C	
3194	Account holder identifier	C an..35	C an..35	The customer's IBAN for direct debit ("BI")
3192	Account holder name	C an..35	X an..35	
3192	Account holder name	C an..35	X an..35	
6345	Currency identification code	C an..3	X an..3	
C088	Institution identification	C	X	
3433	Institution name code	C an..11	C an..11	The customer's BIC for direct debit ("BI")
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
3434	Institution branch identifier	C an..17	X an..17	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
3432	Institution name	C an..70	X an..70	
3436	Institution branch location name	C an..70	X an..70	
3207	Country name code	C an..3	X an..3	

Remark: The use of this segment depends on the method of payment agreed upon by the customer and Vodafone. In the case of direct debit payment, the customer's BIC and IBAN appear. The BIC and IBAN are transmitted by Vodafone for customers paying by bank transfer.

Example:

FII+BI+DE85100100100999999999+PBNKDEFXXXX'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG3 IV / RFF

Counter	No	Tag	St	MaxOcc	Level	Name
3		SG3 IV	C	9999	2	RFF-DTM
02	27	RFF	M	1	2	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	"ACF" = Reference of the addressee "AHM" = 'Mandatsreferenznummer' of the customer (only for direct debit customers)
1154	Reference identifier	C an..70	C an..70	Depending on the qualifier : - Reference of the addressee. Format: an..30 Can be defined at will by the customer. - 'Mandatsreferenznummer' (only for direct debit customers)
1156	Document line identifier	C an..6	C an..6	
4000	Reference version identifier	C an..35	C an..35	
1060	Revision identifier	C an..6	C an..6	

Remark: This segment is used for transmitting reference information relating to the customer.

Example:

RFF+AHM:DE04KMMC000999999999T999999999'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG2 SU / NAD

Counter	No	Tag	St	MaxOcc	Level	Name
	2	SG2 SU	C	99	1	NAD-LOC-FII-MOA-SG3-SG4-SG5
01	23	NAD	M	1	1	Name and address

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party function code qualifier	M an..3	M an..3	"SU" = supplier
C082	Party identification details	C	X	
3039	Party identifier	M an..35	X an..35	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
C058	Name and address	C	X	
3124	Name and address description	M an..35	X an..35	
3124	Name and address description	C an..35	X an..35	
3124	Name and address description	C an..35	X an..35	
3124	Name and address description	C an..35	X an..35	
3124	Name and address description	C an..35	X an..35	
C080	Party name	C	C	Used for supplier ("SU")
3036	Party name	M an..35	M an..35	Name
3036	Party name	C an..35	X an..35	
3036	Party name	C an..35	X an..35	
3036	Party name	C an..35	X an..35	
3036	Party name	C an..35	X an..35	
3045	Party name format code	C an..3	X an..3	
C059	Street	C	C	Used for supplier ("SU")
3042	Street and number or post office box identifier	M an..35	M an..35	P.O. box, Postal code and City of the Vodafone location
3042	Street and number or post office box identifier	C an..35	C an..35	Street
3042	Street and number or post office box identifier	C an..35	C an..35	
3042	Street and number or post office box identifier	C an..35	X an..35	
3164	City name	C an..35	C an..35	City
C819	Country sub-entity details	C	C	
3229	Country sub-entity name code	C an..9	C an..9	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
3228	Country sub-entity name	C an..70	C an..70	
3251	Postal identification code	C an..17	C an..17	Postal code
3207	Country name code	C an..3	C an..3	Country (e.g. "DE" = Germany)

Remark: This segment is used for name and address of the supplier

Example:

NAD+SU+++Vodafone GmbH+Postfach?: 40542 Düsseldorf:Ferdinand-Braun-Platz 1+Düsseldorf++40549+DE'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG3 SU / RFF

Counter	No	Tag	St	MaxOcc	Level	Name
	3	SG3 SU	C	9999	2	RFF-DTM
02	27	RFF	M	1	2	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	"VA" = VAT Reg. ID-No. of the supplier "ALV" = registered office of the company "AHO" = exclusive court of jurisdiction, the commercial register "XA" = WEEE-reg. number "AHP" = Tax number of the invoicing party
1154	Reference identifier	C an..70	C an..70	Depend on Qualifier : - VAT Reg. ID-No. of the supplier - registered office of the company - exclusive court of jurisdiction, the commercial register - WEEE-reg.number - Tax number of the invoicing party
1156	Document line identifier	C an..6	X an..6	
4000	Reference version identifier	C an..35	X an..35	
1060	Revision identifier	C an..6	X an..6	

Remark: This segment is used for transmitting reference information relating to the supplier

Example:

```
RFF+VA:DE813113094'
RFF+ALV:Sitz der Gesellschaft?: Düsseldorf'
RFF+AHO:Amtsgericht Düsseldorf, HRB 38062'
RFF+XA:DE 91435957'
RFF+AHP:103/5700/1789'
```

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG2 II / NAD

Counter	No	Tag	St	MaxOcc	Level	Name
	2	SG2 II	C	99	1	NAD-LOC-FII-MOA-SG3-SG4-SG5
01	23	NAD	M	1	1	Name and address

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party function code qualifier	M an..3	M an..3	"II" = Invoice sender
C082	Party identification details	C	X	
3039	Party identifier	M an..35	X an..35	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
C058	Name and address	C	X	
3124	Name and address description	M an..35	X an..35	
3124	Name and address description	C an..35	X an..35	
3124	Name and address description	C an..35	X an..35	
3124	Name and address description	C an..35	X an..35	
3124	Name and address description	C an..35	X an..35	
C080	Party name	C	C	
3036	Party name	M an..35	M an..35	Name of the regional branch
3036	Party name	C an..35	C an..35	
3036	Party name	C an..35	X an..35	
3036	Party name	C an..35	X an..35	
3036	Party name	C an..35	X an..35	
3045	Party name format code	C an..3	X an..3	
C059	Street	C	C	
3042	Street and number or post office box identifier	M an..35	M an..35	P.O. box, Postcode and Location of the Vodafone regional branch
3042	Street and number or post office box identifier	C an..35	C an..35	
3042	Street and number or post office box identifier	C an..35	X an..35	
3042	Street and number or post office box identifier	C an..35	X an..35	
3164	City name	C an..35	C an..35	City
C819	Country sub-entity details	C	X	
3229	Country sub-entity name code	C an..9	X an..9	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
3228	Country sub-entity name	C an..70	X an..70	
3251	Postal identification code	C an..17	C an..17	Postal code
3207	Country name code	C an..3	C an..3	Usage for invoice sender ("II") Country (e.g. "DE" = Germany)

Remark: This segment is used for transmitting the name and address details of the document sender.

Example:

NAD+II+++Vodafone GmbH:Vodafone Kundenbetreuung+40875 Ratingen+++DE'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG2 II / FII

Counter	No	Tag	St	MaxOcc	Level	Name
	2	SG2 II	C	99	1	NAD-LOC-FII-MOA-SG3-SG4-SG5
	01	FII	C	5	2	Financial institution information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
FII				
3035	Party function code qualifier	M an..3	M an..3	"RH" = payee
C078	Account holder identification	C	C	
3194	Account holder identifier	C an..35	C an..35	The IBAN of Vodafone GmbH
3192	Account holder name	C an..35	C an..35	
3192	Account holder name	C an..35	C an..35	
6345	Currency identification code	C an..3	C an..3	
C088	Institution identification	C	C	
3433	Institution name code	C an..11	C an..11	The BIC of Vodafone GmbH.
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
3434	Institution branch identifier	C an..17	X an..17	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
3432	Institution name	C an..70	X an..70	
3436	Institution branch location name	C an..70	X an..70	
3207	Country name code	C an..3	X an..3	

Remark: The use of this segment depends on the method of payment agreed upon by the customer and Vodafone. In the case of direct debit payment, the customer's BIC and IBAN appear. The BIC and IBAN are transmitted by Vodafone for customers paying by bank transfer.

Example:

FII+RH+DE85100100100999999999+PBNKDEFXXXX'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG5 II / CTA

Counter	No	Tag	St	MaxOcc	Level	Name
	5	SG5 II	C	5	2	CTA-COM
01	31	CTA	M	1	2	Contact information

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
CTA				
3139	Contact function code	C an..3	C an..3	"IC" = General information The segment is only generated if a valid telephone No./fax No. is identified in the in house file.
C056	Department or employee details	C	X	
3413	Department or employee name code	C an..17	X an..17	
3412	Department or employee name	C an..35	X an..35	

Remark: This segment is only generated for syntactical reasons.

Example:
CTA+IC'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG5 II / COM

Counter	No	Tag	St	MaxOcc	Level	Name
	5	SG5 II	C	5	2	CTA-COM
01	32	COM	C	5	3	Communication contact

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
COM				
C076	Communication contact	M	M	
3148	Communication address identifier	M an..512	M an..512	Telephone number or fax number,email, uri depending on the qualifier:
3155	Communication address code Qualifier	M an..3	M an..3	"TE" = Telephone "FX" = Fax "EM" = email "AH" = contact over world wide web

Remark:
Example:

COM+0815 4711:TE'

COM+m2m.supportline@vodafone.com:EM'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG2 BY / NAD

Counter	No	Tag	St	MaxOcc	Level	Name
	2	SG2 BY	C	99	1	NAD-LOC-FII-MOA-SG3-SG4-SG5
	01 23	NAD	M	1	1	Name and address

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party function code qualifier	M an..3	M an..3	"BY" = byer
C082	Party identification details	C	X	
3039	Party identifier	M an..35	X an..35	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
C058	Name and address	C	X	
3124	Name and address description	M an..35	X an..35	
3124	Name and address description	C an..35	X an..35	
3124	Name and address description	C an..35	X an..35	
3124	Name and address description	C an..35	X an..35	
3124	Name and address description	C an..35	X an..35	
C080	Party name	C	C	Used for byer ("BY")
3036	Party name	M an..35	M an..35	Name and/or address details (Name 1)
3036	Party name	C an..35	C an..35	Name and/or address details (Name 1 - continue)
3036	Party name	C an..35	C an..35	Name and/or address details (Name 2)
3036	Party name	C an..35	C an..35	Name and/or address details (Name 3)
3036	Party name	C an..35	X an..35	
3045	Party name format code	C an..3	X an..3	
C059	Street	C	C	Used for byer ("BY")
3042	Street and number or post office box identifier	M an..35	M an..35	P.O. box, Postal code and City of byer
3042	Street and number or post office box identifier	C an..35	C an..35	Street
3042	Street and number or post office box identifier	C an..35	C an..35	
3042	Street and number or post office box identifier	C an..35	X an..35	
3164	City name	C an..35	C an..35	City
C819	Country sub-entity details	C	C	
3229	Country sub-entity name code	C an..9	C an..9	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
3228	Country sub-entity name	C an..70	C an..70	
3251	Postal identification code	C an..17	C an..17	Postal code
3207	Country name code	C an..3	C an..3	Country (e.g. "DE" = Germany)

Remark: This segment is used for name and address of the byer

Example:

NAD+BY+++ByerName+Postfach?: of Byer:Street 99+CITY++40000+DE'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG7 / CUX

Counter	No	Tag	St	MaxOcc	Level	Name
	7	SG7	C	99	1	CUX-DTM
01	36	CUX	M	1	1	Currencies

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
CUX				
C504	Currency details	C	C	
6347	Currency usage code qualifier	M an..3	M an..3	"1" = currency of the amount to be paid
6345	Currency identification code	C an..3	C an..3	"EUR" = Euro. The main currency used in the document is transmitted in this data element. This applies to all amounts not explicitly marked with a different currency.
6343	Currency type code qualifier	C an..3	X an..3	
6348	Currency rate value	C n..4	X n..4	
C504	Currency details	C	X	
6347	Currency usage code qualifier	M an..3	X an..3	
6345	Currency identification code	C an..3	X an..3	
6343	Currency type code qualifier	C an..3	X an..3	
6348	Currency rate value	C n..4	X n..4	
5402	Currency exchange rate	C n..12	X n..12	
6341	Exchange rate currency market identifier	C an..3	X an..3	

Remark: The segment states the main currency used for issuing the document. Currencies varying from this are indicated separately for the amounts concerned.

Example:
CUX+1:EUR'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG8 / PAT

Counter	No	Tag	St	MaxOcc	Level	Name
	8	SG8	C	10	1	PAT-DTM-PCD-MOA-PAI-FII
01	38	PAT	M	1	1	Payment terms basis

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
PAT				
4279	Payment terms type code qualifier	M an..3	M an..3	5" = no cash discount
C110	Payment terms	C	X	
4277	Payment terms description identifier	M an..17	X an..17	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
4276	Payment terms description	C an..35	X an..35	
4276	Payment terms description	C an..35	X an..35	
C112	Terms/time information	C	C	
2475	Time reference code	M an..3	M an..3	5" = Invoice date (bill date)
2009	Terms time relation code	C an..3	C an..3	1" = reference date
2151	Period type code	C an..3	C an..3	CD" = calendar days (including weekends and public holidays)
2152	Period count quantity	C n..3	C n..3	Number of calendar days until the payment date, Format: integer The number of calendar days is calculated by the number of days between the BILL-DATE and the BANK-DEBIT-DATE. Due date = bill date + 8 working days; in the case of bank transfer + 11 working days.

Remark: This segment is used for transmitting payment conditions.

Example:

PAT+5++5:1:CD:9'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG8 / DTM

Counter	No	Tag	St	MaxOcc	Level	Name
8		SG8	C	10	1	PAT-DTM-PCD-MOA-PAI-FII
06	39	DTM	C	5	2	Date/time/period

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M an..3	"13" = date of payment
2380	Date or time or period value	C an..35	C an..35	Due date, format: CCYYMMDD
2379	Date or time or period format code	C an..3	C an..3	"102" = CCYYMMDD

Remark:
Example:

DTM+13:20150602:102 '

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG26 / LIN

Counter	No	Tag	St	MaxOcc	Level	Name
26		SG26	C	9999999	1	LIN-PIA-PGI-IMD-MEA-QTY-PCD-ALI-DTM-GIN-GIR-QVR-EQD-FTX-DGS-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47-SG48-SG49
01	86	LIN	M	1	1	Line item

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LIN				
1082	Line item identifier	C an..6	C an..6	Item number, format: n For each new item, the item number is incremented by the value 1.
1229	Action request/notification description code	C an..3	X an..3	
C212	Item number identification	C	X	
7140	Item identifier	C an..35	X an..35	
7143	Item type identification code	C an..3	X an..3	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
C829	Sub-line information	C	X	
5495	Sub-line indicator code	C an..3	X an..3	
1082	Line item identifier	C an..6	X an..6	
1222	Configuration level number	C n..2	X n..2	
7083	Configuration operation code	C an..3	X an..3	

Remark:
Example:

LIN+1 '

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG26 / IMD

Counter	No	Tag	St	MaxOcc	Level	Name
26		SG26	C	9999999	1	LIN-PIA-PGI-IMD-MEA-QTY-PCD-ALI-DTM-GIN-GIR-QVR-EQD-FTX-DGS-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47-SG48-SG49
02	89	IMD	C	99	2	Item description

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
IMD				
7077	Description format code	C an..3	C an..3	"B" = Code and text
C272	Item characteristic	C	X	
7081	Item characteristic code	C an..3	X an..3	
1131	Code list identification code	C an..17	X	Not used
3055	Code list responsible agency code	C an..3	X	Not used
C273	Item description	C	C	
7009	Item description code	C an..17	C an..17	<p>Key for product group, format: an..3 Key for service, format: an..8 Key for bonus program, format: an..2 Key for bonus status, format: an..2</p> <p>The data element includes a 3-digit key for identifying the product group. Valid product groups are: 127 Activation fee (once) 131 GPRS data volume received / sent 140 Recurring charges (monthly) 150 Usage charges 170 Other charges 180 Credits and Discounts 192 (formerly 185) Mobile payment transactions (collecting debts from third parties) 193 CallNow-Transfer (Transfer of credits to other Vodafone subscribers) 195 Vodafone Stars Information</p> <p>The data element includes an alphanumeric 8-digit code for identifying the services. The first digit provides the following information: Subscriber Information – All items are subscriber-related and marked with a "J". Invoice J: A "J" indicates customer-related items which are only listed on the invoice. N: An "N" indicates subscriber-related items that also appear on the "Subscriber Information". I: An "I" indicates items that only serve the purpose of providing customers with information and whose respective amounts are neither included in the calculation of the invoice amount nor the VAT. The following 6 digits provide the actual key for identifying the service. The last digit indicates discounts on a service with a "D".</p> <p>In order to identify the GPRS data volume, the product group 131 will contain the fixed alphanumeric 8-digits key "NGPVOTOT".</p> <p>The data element includes an alphanumeric 2-digit code for identifying the bonus programs (product group 195). The 'I' at the beginning indicates that this item is intended purely as information which is not included in the invoice amount. The</p>

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG26 / IMD

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
				second digit includes the following: „M“ = Miles and More „V“ = Vodafone Stars The data element includes an alphanumeric 2-digit code for identifying the bonus status (product group 195). The 'I' at the beginning indicates that this item is intended purely as information which is not included in the invoice amount. The second digit includes the following: "R" = red "S" = Silver "G" = Gold "P" = Platinum
1131	Code list identification code	C an..17	C	"128" = Service (identification of an item) "161" = Product (identification of a group) "135" = Bonus programme "102" = Bonus status
3055	Code list responsible agency code	C an..3	C	"91" = allocated by the seller
7008	Item description	C an..256	C an..256	Service description, part 1
7008	Item description	C an..256	C an..256	Service description, part 2
3453	Language name code	C an..3	C an..3	
7383	Surface or layer code	C an..3	C an..3	

Remark: This segment is used for the transmission of
 - the service and service description
 - the product group
 - the bonus programme and the
 - current bonus status.

Example:
 IMD+B++NGPVOTOT:128:91:Datenverbindungen insgesamt in KB'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG26 / QTY

Counter	No	Tag	St	MaxOcc	Level	Name
26		SG26	C	9999999	1	LIN-PIA-PGI-IMD-MEA-QTY-PCD-ALI-DTM-GIN-GIR-QVR-EQD-FTX-DGS-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47-SG48-SG49
03	91	QTY	C	5	2	Quantity

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
QTY				
C186	Quantity details	M	M	
6063	Quantity type code qualifier	M an..3	M an..3	"141" = volume determined in billing cycle "74" = last accumulated volume (of bonus points) = current points status of Vodafone Stars respectively miles transferred to Miles&More "107" = Tariff units
6060	Quantity	M an..35	M an..35	Volume, format: n digits before the decimal point, decimal point, n fractional digits, optional sign
6411	Measurement unit code	C an..3	C an..3	"2P" = kilobytes (only for the GPRS data volume, (product group 131). "PCE" = unit (only for bonus points (Vodafone-Stars) and miles (Miles&More); product group 195)

Remark: This segment is used for stating volumes.

Example:
QTY+48:53:2P'

Counter = Counter of segment/group within the standard
No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
A=Advised, X=Not used

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG26 / DTM

Counter	No	Tag	St	MaxOcc	Level	Name
26		SG26	C	9999999	1	LIN-PIA-PGI-IMD-MEA-QTY-PCD-ALI-DTM-GIN-GIR-QVR-EQD-FTX-DGS-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47-SG48-SG49
13	94	DTM	C	35	2	Date/time/period

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M an..3	"91" = End of the reporting period for the bonus program respectively the transfer date to Miles&More (product group 195)
2380	Date or time or period value	C an..35	C an..35	Date
2379	Date or time or period format code	C an..3	C an..3	"102" = CCYYMMDD

Remark: This segment is used for stating dates.

Example:

DTM+91:20141107:102'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG27 / MOA

Counter	No	Tag	St	MaxOcc	Level	Name
27		SG27	C	99	2	MOA-CUX
07	101	MOA	M	1	2	Monetary amount

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MOA				
C516	Monetary amount	M	M	
5025	Monetary amount type code qualifier	M an..3	M an..3	"66" = item amount (net) "203" = item amount mobile payment transactions (gross) "204" = item amount CallNow-Transfers (gross)
5004	Monetary amount	C n..35	C n..35	Amount Format: n digits before the decimal point, decimal point, n fractional digits, optional sign. The net item amount contains up to 4 fractional digits, the gross amount further on up to 2 fractional digits.
6345	Currency identification code	C an..3	C an..3	"EUR" = Euro The currency is only stated if it differs from the main currency. Amounts with the same qualifier and a different currency are stated alternatively.
6343	Currency type code qualifier	C an..3	X an..3	
4405	Status description code	C an..3	X an..3	

Remark: The segment is used for stating
 - the net item amount and
 - the gross item amounts for mobile payment transactions and CallNow-Transfer amounts.

Example:
 MOA+66:5.9'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG29 / PRI

Counter	No	Tag	St	MaxOcc	Level	Name
29		SG29	C	25	2	PRI-CUX-APR-RNG-DTM
01	107	PRI	M	1	2	Price details

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
PRI				
C509	Price information	C	C	
5125	Price code qualifier	M an..3	M an..3	"CAL" = Individual price
5118	Price amount	C n..15	C n..15	Individual price (net), format: n digits before the decimal point, decimal point, n fractional digits, optional sign.
5375	Price type code	C an..3	X an..3	
5387	Price specification code	C an..3	X an..3	
5284	Unit price basis value	C n..9	X n..9	
6411	Measurement unit code	C an..3	X an..3	
5213	Sub-line item price change operation code	C an..3	X an..3	

Remark: This segment is used for transmitting item-related price information. The segment is only generated if an individual price can be indicated for the items. Zero values are not transmitted.

Example:
PRI+CAL:1.12'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG34 / TAX

Counter	No	Tag	St	MaxOcc	Level	Name
34		SG34	C	99	2	TAX-MOA-LOC
03	124	TAX	M	1	2	Duty/tax/fee details

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
TAX				
5283	Duty or tax or fee function code qualifier	M an..3	M an..3	"1" = tax information regarding the invoice item
C241	Duty/tax/fee type	C	C	
5153	Duty or tax or fee type name code	C an..3	C an..3	"VAT" = VAT rate
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
5152	Duty or tax or fee type name	C an..35	X an..35	
C533	Duty/tax/fee account detail	C	X	
5289	Duty or tax or fee account code	M an..6	X an..6	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
5286	Duty or tax or fee assessment basis value	C an..15	X an..15	
C243	Duty/tax/fee detail	C	C	
5279	Duty or tax or fee rate code	C an..7	X an..7	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
5278	Duty or tax or fee rate	C an..17	C an..17	VAT rate in full hundreds Format: n digits before the decimal point, decimal point, n fractional digits.
5273	Duty or tax or fee rate basis code	C an..12	X an..12	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
5305	Duty or tax or fee category code	C an..3	X an..3	„AE“ = VAT Reverse Charge (german: „Verlagerung der Umsatzsteuerschuld“)
3446	Party tax identifier	C an..20	X an..20	
1227	Calculation sequence code	C an..3	X an..3	

Remark: The segment is used for providing VAT information in relation to items. A VAT rate indicated here overwrites a VAT rate in the header information.

Example:

TAX+1+VAT+++:::19' or
TAX+1+VAT+++:::0+AE' for VAT Reverse Charge („Verlagerung der Umsatzsteuerschuld“)

Counter = Counter of segment/group within the standard
No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
A=Advised, X=Not used

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG0 / UNS

Counter	No	Tag	St	MaxOcc	Level	Name
		SG0				
01	170	UNS	M	1	0	Section control

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNS				
0081	Section identification	M a1	M a1	"S" = End of an item part

Remark: The segment separates the item part and the total amounts part of an Electronic Mobile Phone Invoice Information message.

Example:
UNS+S'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG50 / MOA

Counter	No	Tag	St	MaxOcc	Level	Name
50		SG50	M	100	1	MOA-SG51
13	172	MOA	M	1	1	Monetary amount

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MOA				
C516	Monetary amount	M	M	
5025	Monetary amount type code qualifier	M an..3	M an..3	"77" = Amount to be paid "124" = VAT amount on the invoice. Not stated for the Subscriber Information. "263" = Open amount "340" = Total net amount, excluding amounts for mobile payment transactions and CallNow-Transfers. "304" = Total gross amount, excluding amounts for mobile payment transactions and CallNow-Transfers (only for the Invoice) "79" = Total gross amount, including amounts for mobile payment transactions and CallNow-Transfers (only for the Invoice)

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG50 / MOA

Standard			Implementation	
Tag	Name	St Format	St For mat	Usage / Remark
5004	Monetary amount	C n..35	C n..35	<p>Amount</p> <p>Format: n digits before the decimal point, decimal point, n fractional digits, optional sign</p> <p>The total net amount, not including mobile payment transactions nor amounts for</p> <p>CallNow-Transfers, is the sum of all the net item amounts without the gross amounts for the mobile payment transactions and CallNow-Transfers.</p> <p>The total gross amount, not including mobile payment transactions nor amounts for CallNow-Transfers, is the sum of all the gross amounts without the gross amounts for the mobile payment transactions and CallNow-Transfers.</p> <p>The total gross amount, including mobile payment transactions and CallNow-Transfers, is the sum of all the gross amounts plus the gross amount for all mobile payment transactions and CallNow-Transfers.</p> <p>The individual amounts comprise all the items that are not only intended as information.</p> <p>For Subscriber Information the total net amount with qualifier "340" contains up to 4 fractional digits.</p> <p>For the Invoice those total net amounts contain up to 2 fractional digits – as today.</p> <p>Also all other amounts in Invoice and Subscriber Information remain with up to 2 decimal digits.</p>
6345	Currency identification code	C an..3	C an..3	<p>"EUR" = EURO</p> <p>The currency is only stated if it differs from the main currency. Amounts with the same qualifier and a different currency are stated alternatively.</p>
6343	Currency type code qualifier	C an..3	X an..3	
4405	Status description code	C an..3	X an..3	

Remark: This segment is used for transmitting the following details regarding the amounts:

- Amount to be paid (i)
- VAT amount on the invoice. Not stated for the Subscriber Information.
- Open amount
- Total net amount excluding amounts for mobile payment transactions and CallNow-Transfers.
- Total gross amount excluding amounts for mobile payment transactions and CallNow-Transfers (only for the Invoice).
- Total gross amount including amounts for mobile payment transactions and CallNow-Transfers (only for the Invoice).
- Amounts with the same qualifier and a different currency have to be handled as alternatively.

Example:

MOA+340:5.94'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG52 / TAX

Counter	No	Tag	St	MaxOcc	Level	Name
52		SG52	C	10	1	TAX-MOA
05	175	TAX	M	1	1	Duty/tax/fee details

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
TAX				
5283	Duty or tax or fee function code qualifier	M an..3	M an..3	"7" = tax "9" = tax related information In purpose of to mark "tax related information" the qualifier "9" is used. Within this group the "amount for which VAT is liable to be charged (presentation of up to 4 fractional digits)" will be set in segment MOA+125.
C241	Duty/tax/fee type	C	C	
5153	Duty or tax or fee type name code	C an..3	C an..3	"VAT" = VAT rate
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
5152	Duty or tax or fee type name	C an..35	X an..35	
C533	Duty/tax/fee account detail	C	X	
5289	Duty or tax or fee account code	M an..6	X an..6	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
5286	Duty or tax or fee assessment basis value	C an..15	X an..15	
C243	Duty/tax/fee detail	C	C	
5279	Duty or tax or fee rate code	C an..7	X an..7	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
5278	Duty or tax or fee rate	C an..17	C an..17	VAT rate in full hundreds Format: n digits before the decimal point, decimal point, n fractional digits.
5273	Duty or tax or fee rate basis code	C an..12	X an..12	
1131	Code list identification code	C an..17	X	
3055	Code list responsible agency code	C an..3	X	
5305	Duty or tax or fee category code	C an..3	X an..3	„AE“ = VAT Reverse Charge (german: „Verlagerung der Umsatzsteuerschuld“)
3446	Party tax identifier	C an..20	X an..20	
1227	Calculation sequence code	C an..3	X an..3	

Remark: The segment is used for stating details of the VAT rates relating to the invoice.

Example:

TAX+9+VAT+++:::19' or
TAX+9+VAT+++:::0+AE' for VAT Reverse Charge (Verlagerung der Umsatzsteuerschuld)

Counter = Counter of segment/group within the standard
No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
A=Advised, X=Not used

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG52 / MOA

Counter	No	Tag	St	MaxOcc	Level	Name
52		SG52	C	10	1	TAX-MOA
14	176	MOA	C	9	2	Monetary amount

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
MOA				
C516	Monetary amount	M	M	
5025	Monetary amount type code qualifier	M an..3	M an..3	"124" = VAT amount on the invoice "125" = Amount for which VAT is liable to be charged (with up to 2 fractional digits) – only for Invoice. Not for "Subscriber Information" ("Informationen zur Vodafone-Nummer"). "125" = Amount for which VAT is liable to be charged (presentation of up to 4 fractional digits) – only for Invoice. Within the group TAX+9 the "amount for which VAT is liable to be charged (presentation of up to 4 fractional digits)" will be set. The same qualifier "125" for presentation of "amount for which VAT is liable to be charged" with up to 2 and 4 fractional digits is used.
5004	Monetary amount	C n..35	C n..35	Amount, Format: n digits before the decimal point, decimal point, n fractional digits, optional sign. The "amount for which VAT is liable to be charged" within the group TAX+9 contains up to 4 fractional digits. For the Invoice (BGM+380) the following MOA segments could be generated: TAX+7+VAT MOA+124 MOA+125 - Amount for which VAT is liable to be charged (with up to 2 fractional digits) TAX+9+VAT MOA+125 - Amount for which VAT is liable to be charged (presentation of up to 4 fractional digits) For the Subscriber Information (BGM+190) the group: TAX+7+VAT MOA+125 - Amount for which VAT is liable to be charged (with up to 2 fractional digits) will be suppressed.
6345	Currency identification code	C an..3	C an..3	"EUR" = Euro The currency is only stated if it differs from the main currency. Amounts with the same qualifier and a different currency are stated alternatively.
6343	Currency type code qualifier	C an..3	C an..x	
4405	Status description code	C an..3	C an..3	"9" = tax related information Qualifier "9" is used within the group TAX+9 for mark usage of "amount for which VAT is liable to be charged (presentation of up to 4 fractional digits)" as tax related information.

Remark: The segment is used for stating details of the VAT amounts (Invoice only) and amounts for which VAT is liable to be charged. The VAT amounts relating to the Subscriber Information are not stated.

Example:
MOA+125:93.6943:::9'

Counter = Counter of segment/group within the standard
No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
A=Advised, X=Not used

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - SG0 / UNT

Counter	No	Tag	St	MaxOcc	Level	Name
		SG0				
01	181	UNT	M	1	0	Message trailer

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNT				
0074	Number of segments in the message	M n..6	M n..6	Number of segments in an Electronic Mobile Phone Invoice Information Vodafone message.
0062	Message reference number	M an..14	M an..14	Message reference No analogous to UNH0062

Remark: The segment marks the end of an Electronic Mobile Phone Invoice Information Vodafone- Message.

Example:
UNT+179+X'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B - Interchange / UNZ

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

Interchange

01	182	UNZ	M	1	0	Interchange trailer
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Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNZ				
0036	Interchange control count	M n..6	M n..6	Number of messages inside Interchange
0020	Interchange control reference	M an..14	M an..14	Interchange control reference

Remark: The segment marks the end of an Electronic Mobile Phone Invoice Information Vodafone Interchange

Example:
UNZ+1+4711'

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 A=Advised, X=Not used

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,

EDIFACT INVOIC UN D.01B – Message Example**10 EDIFACT Message Examples****10.1 Example for standard mobile**

UNA:+.? '
UNB+UNOC:1+MDVEDI+Receiver+201506:0828+4711'
UNH+ELMOD200001+INVOIC:D:01B:UN:ELMI13++1:C'
BGM+380+023000534'
DTM+3:20141113:102'
DTM+51:20141010:102'
DTM+52:20141109:102'
PAI+1::31'
FTX+INV+++Hinsichtlich der in der Rechnung ausgewiesenen Leistungen Dritter erhalten Sie unter der kostenfreien Rufnummer 0800 - 5035162 Informationen zu Namen und ladungsfähigen Adressen der Drittanbieter und bei Anbietern mit Sitz im Ausland zusätzlich die ladungsfähige Anschrift eines allgemeinen Zustellungsbevollmächtigten im Inland'
FTX+AAI+++Begründete Einwendungen gegen diese Rechnung, insbesondere auch gegen einzelne in der Rechnung gestellte Forderungen, können schriftlich innerhalb von acht Wochen nach Zugang der Rechnung an die umseitig genannte Adresse erhoben werden. Wurden aus technischen Gründen keine Verbindungsdaten gespeichert oder für den Fall, dass keine Beanstandungen erhoben wurden, gespeicherte Daten nach Verstreichen der in Satz 1 genannten Frist oder aufgrund rechtlicher Verpflichtungen gelöscht, ist Vodafone nicht zum Nachweis der erbrachten Verbindungsleistungen verpflichtet. Auf entsprechendes vorheriges Verlangen des Kunden werden die Daten nach §97 Absatz 4 Nr. 2 TKG bereits mit Versendung der Rechnung an den Kunden gelöscht. Auch in diesem Fall ist Vodafone von der Nachweispflicht für die erbrachten Verbindungsleistungen befreit. Durch Rundungsdifferenzen können sich Abweichungen zwischen der Addition der Einzelbeträge und dem Rechnungsbetrag ergeben. Abrechnungsrelevant ist allein der "Rechnungsbetrag in EUR". Auf der Rechnung können Leistungen aus früheren Abrechnungsperioden berechnet worden sein, die Vodafone bisher nicht in Rechnung stellen konnte.'
FTX+AAB+++Eventuelle Entgeltminderungen ergeben sich aus den aktuellen Rahmen- und Konditionsvereinbarungen'
FTX+AFU+++Vodafone_BankName:Vodafone_BIC:Vodafone_IBAN
FTX+AGM+++Grund_des_MwSt-Freibetrags
RFF+IT:101690580'
RFF+IV:112161616811'
RFF+ADF:1122334455'
NAD+IV+++ABC Invoice GmbH+Hauptstrasse 1+Heiden++50999+DE'
NAD+SU+++Vodafone GmbH+Postfach?: 40542 Düsseldorf:Ferdinand-Braun-Platz 1+Düsseldorf++40549+DE'
RFF+VA:DE813113094'
RFF+ALV:Sitz der Gesellschaft?: Düsseldorf'
RFF+AHO:Amtsgericht Düsseldorf, HRB 38062'
RFF+XA:DE 91435957'
RFF+AHP:103/5700/1789'
NAD+II+++Vodafone GmbH+Kundenbetreuung 40875 Ratingen+++DE'
FII+RH+DE6830070010999999999+DEUTDEDDXXX'
CTA+IC'
COM+businessteam@vodafone.com:EM'
COM+www.vodafone.de:AH'
NAD+BY+++KäuferName+Postfach?: Käufer:Strasse 99+CITY++40000+DE'
CUX+1:EUR'
PAT+5++5:1:CD:11'
DTM+13:20141124:102'
LIN+1'
IMD+B++140:161:91'
IMD+B++NR100:128:91:Vodafone Red XS inkl. Smartphone'

EDIFACT INVOIC UN D.01B – Message Example

QTY+141:1'
MOA+66:37.8067'
TAX+1+VAT+++:::19'
LIN+2'
IMD+B++140:161:91'
IMD+B++JPABI:128:91:Papierrechnung'
QTY+141:1'
MOA+66:1.2605'
TAX+1+VAT+++:::19'
LIN+3'
IMD+B++140:161:91'
IMD+B++NR100:128:91:Vodafone Red XS inkl. Smartphone (1:0.11.2014 - 09.12.2014)'
QTY+141:1'
MOA+66:37.8067'
TAX+1+VAT+++:::19'
LIN+4'
IMD+B++180:161:91'
IMD+B++NR100 D:128:91:15 % Studenten-Rabatt'
MOA+66:-4.4105'
TAX+1+VAT+++:::19'
LIN+5'
IMD+B++180:161:91'
IMD+B++NR100 D:128:91:15 % Studenten-Rabatt (10.11.2014 -: 09.12.2014)'
MOA+66:-4.4105'
TAX+1+VAT+++:::19'
LIN+5'
IMD+B++180:161:91'
IMD+B++NRSNS D:128:91:Rabatt Vodafone Secure Net - gilt für die ersten drei Monate'
MOA+66:-3.1666'
TAX+1+VAT+++:::0+AE'
UNS+S'
MOA+263:194.93'
MOA+9:275.91'
MOA+77:80.98'
MOA+124:12.93'
MOA+304:80.98'
MOA+340:68.05'
TAX+7+VAT+++:::19'
MOA+124:12.93'
MOA+125:68.05'
TAX+7+VAT+++:::0+AE'
MOA+124:00.00'
MOA+125:66.79'
TAX+9+VAT+++:::19'
MOA+125:68.0529:::9'
TAX+9+VAT+++:::0+AE'
MOA+125:66.7924'
UNT+71+ELMOD200001'
UNH+ELMOD200002+INVOIC:D:01B:UN:ELMI13++1:F'
BGM+190+0172/8900545'
DTM+3:20141113:102'
DTM+51:20141010:102'
DTM+52:20141109:102'
DTM+92:20150202:102'
DTM+93:20180201:102'
DTM+559:20171201:102'
DTM+561:20180220:102'
DTM+667:03:802'
FTX+ACB+++zum Vertragsende'

EDIFACT INVOIC UN D.01B – Message Example

FTX+AAI+++Informationen zum generellen Ablauf des Anbieterwechsels finden Sie unter www.bundesnetzagentur.de/tk-anbieterwechsel.'

FTX+INV+++Haben Sie noch Fragen?? Antworten finden Sie auf vodafone.de/hilfe'

FTX+INV+++Behalten Sie immer und überall den Überblick - mit der MeinVodafone-App.: So haben Sie die volle Kostenkontrolle und immer Ihre Rechnungen dabei. Oder chatten Sie einfach rund um die Uhr: mit einem Kundenberater. Neugierig?? Laden Sie die MeinVodafone-App jetzt kostenlos auf vodafone.de/app herunter.'

FTX+INV+++Informationen zu Leistungen Dritter: Hinsichtlich der in der Rechnung ausgewiesenen Leistungen Dritter erhalten Sie unter der kostenfreien Rufnummer: 0800/1721212 Informationen zu Namen und ladungsfähigen Adressen der Drittanbieter und bei Anbietern mit Sitz: im Ausland zusätzlich die ladungsfähige Anschrift eines allgemeinen Zustellungsbevollmächtigten im Inland.'

FTX+INV+++Ihr Status bei Vodafone?:
Gold'

RFF+IT:023000534'
RFF+IV:100000086833'
RFF+RB:REE'
RFF+CN:0172/8900545'
RFF+PT:GSM'

NAD+IV+++ABC Invoice GmbH+Hauptstrasse 1+Heiden++50999+DE'
NAD+II+++Vodafone GmbH+Kundenbetreuung 40875 Ratingen++++DE'
CTA+IC'
COM+00498001721212:TE'
COM+049-001721235 ---:FX'
CUX+1:EUR'
LIN+1'
IMD+B++140:161:91'
IMD+B++JR100:128:91:Vodafone Red XS inkl. Smartphone'
QTY+141:1'
MOA+66:37.8067'
TAX+1+VAT+++:::19'
LIN+2'
IMD+B++140:161:91'
IMD+B++JR100:128:91:Vodafone Red XS inkl. Smartphone (1:0.11.2014 - 09.12.2014)'
QTY+141:1'
MOA+66:37.8067'
TAX+1+VAT+++:::19'
LIN+3'
IMD+B++180:161:91'
IMD+B++JR100 D:128:91:15 % Studenten-Rabatt'
MOA+66:-4.4105'
TAX+1+VAT+++:::19'
LIN+4'
IMD+B++180:161:91'
IMD+B++JR100 D:128:91:15 % Studenten-Rabatt (10.11.2014 -: 09.12.2014)'
MOA+66:-4.4105'
TAX+1+VAT+++:::19'
UNS+S'
MOA+340:66.7924'
UNT+45+ELMOD200002'
UNZ+2+4711'

EDIFACT INVOIC UN D.01B – Message Example**10.2 Example M2M/IoT**

```
UNA:+. ? '
UNB+UNOC:1+MDVEDI+020000829+180419:1634+4711'
UNH+ELMOD200001+INVOIC:D:01B:UN:ELMI13++1:F'
BGM+380+020000829++M2M'
DTM+3:20030607:102'
DTM+51:20130501:102'
DTM+52:20130531:102'
PAI+1::30'
FTX+AAI+++Soweit Ihre Verbindungsdaten nur verkürzt gespeichert oder auf Ihren
Wunsch sofort bzw. aufgrund datenschutzrechtlicher Vorschriften spätestens 6
Monate nach Rechnungsversand vollständig gelöscht werden, trifft Vodafone keine
Nachweispflicht für die Einzelverbindungen. Sie können begründete Einwände auch
gegen einzelne Rechnungspositionen erheben.'
FTX+AAI+++Vodafone.de'
FTX+AFU+++Deutsche Bank AG Düsseldorf:DEUTDEDDXXX:DE68300700100250800000'
FTX+FN+++DAS IST DIE NEUE M2M FUSSNOTE.DAS IST DIE NEUE M2M FUSSNOTE.DAS IST DIE
NEUE M2M FUSSNOTE.DAS IST DIE NEUE M2M FUSSNOTE.DAS IST DIE NEUE M2M
FUSSNOTE.DAS IST DIE NEUE M2M FUSSNOTE.DAS IST DI'
FTX+FN+++NEUE FUSSNOTE.DAS IST DIE NEUE M2M FUSSNOTE.DAS IST DIE NEUE M2M
FUSSNOTE.DAS IST DIE NEUE M2M FUSSNOTE.DAS IST DIE NEUE M2M FUSSNOTE.DAS IST DIE
NEUE M2M FUSSNOTE.DAS IST DIE NEUE M2M FUSSN'
FTX+FN+++OTE.'
RFF+IT:020000829'
RFF+CN:00000000'
RFF+ADF:000000'
NAD+BY+++Anton LastLegalBusinessname 1::LastLegalBusinessname
2:LastLegalBusinessname 3+Essen:Dattelstrasse 4+Essen++45678+D'
NAD+IV+++Anton LastBusinessname1 for Test::LastBusinessname2 for
Test:LastBusinessname3 for Test+Schneiderweg 25+Waiblingen++71336+D'
NAD+SU+++Vodafone GmbH+40543 Düsseldorf:Ferdinand-Braun-Platz
1+Düsseldorf++40549+DE'
RFF+AHP:103/5700/1789'
RFF+VA:DE813113094'
RFF+ALV:Sitz der Gesellschaft?: Düsseldorf'
RFF+AHO:Amtsgericht Düsseldorf, HRB 38062'
RFF+XA:DE 91435957'
NAD+II+++Vodafone GmbH+Kundenbetreuung 40875 Ratingen'
FII+RH+DE86300700100002508000+DEUTDEDDXXX'
CTA+IC'
COM+m2m.supportline@vodafone.com:EM'
COM+0049172122620:TE'
CUX+1:EUR'
PAT+5++5:1:CD:14'
DTM+13:20030621:102'
LIN+1'
IMD+B++127:161:91'
IMD+B++NO037:128:91:* * * * * * * * * *'
MOA+66:0'
TAX+1+VAT+++:::19'
LIN+2'
IMD+B++140:161:91'
IMD+B++NR100:128:91:Vodafone Classic 10/10'
QTY+141:1'
MOA+66:19.784'
TAX+1+VAT+++:::19'
LIN+3'
```

EDIFACT INVOIC UN D.01B – Message Example

```
IMD+B++140:161:91'  
IMD+B++NR100:128:91:Vodafone Classic 60/1'  
QTY+141:2'  
MOA+66:1.4516'  
TAX+1+VAT+++:::19'  
LIN+4'  
IMD+B++150:161:91'  
IMD+B++NG2A0:128:91:wap.vodafone.de außerhalb Vodafone:live!'  
MOA+66:0.328'  
TAX+1+VAT+++:::19'  
LIN+5'  
IMD+B++150:161:91'  
IMD+B++NG6A0:128:91:siemens.de'  
MOA+66:131.336'  
TAX+1+VAT+++:::19'  
LIN+6'  
IMD+B++150:161:91'  
IMD+B++NG1A0:128:91:Vodafone live!'  
MOA+66:0.194'  
TAX+1+VAT+++:::19'  
LIN+7'  
IMD+B++170:161:91'  
IMD+B++JO038:128:91:Zahlung per Überweisung / Scheck'  
QTY+141:1'  
MOA+66:1.68'  
TAX+1+VAT+++:::19'  
UNS+S'  
MOA+263:93917.93'  
MOA+9:93964.98'  
MOA+77:47.05'  
MOA+124:6.49'  
MOA+304:47.05'  
MOA+340:40.56'  
TAX+7+VAT+++:::16'  
MOA+124:6.49'  
MOA+125:40.56'  
TAX+9+VAT+++:::16'  
MOA+125:0:::9'  
UNT+82+ELMOD200001'  
UNZ+1+4711'
```