

Guidelines of Implementation

EDIFACT SUBSET

EDITEC

Invoice



Deutscher Großhandelsverband Haustechnik e.V.



ARGE Neue Medien



INVOIC / D.96B

Version 3.5 / November 2010

Table of Contents – Subset “Invoice”:

1	Introduction.....	1
2	Instructions for Usage	2
3	Message Structure Diagram	3
4	Message Structure of the Subset.....	4
	<u>Service-Section of the Message:</u>	
UNA	K 1 Presetting of Separators	5
UNB	M 1 Usage Data Head Segment.....	6
UNH	M 1 Message Head Segment.....	8
	<u>Head Section of the Message:</u>	
BGM	M 1 Beginning of message	9
DTM	M 1 Date-/Time-/Period Specifications	10
FTX	K 10 Free Text	11
RFF	M 1 Reference Data	12
DTM	K 1 Date-/Time-/Period Specifications	13
NAD	M 1 Name und Address.....	14
RFF	M 1 Reference Data	16
CTA	M 1 Contact Information	17
CUX	M 1 Currency Data	18
PAT	M 1 Payment Terms	19
DTM	K 1 Date/Time/Period Data.....	20
	Notes on Discount:	21
PCD	K 1 Percentage Data	23
	<u>Line Item Section of the Message:</u>	
LIN	M 1 Line Item Number	24
PIA	K 1 Additional Product Information	25
IMD	M 10 Item Description.....	26
QTY	K 1 Quantity	28
ALI	K 1 Additional Data	29
GIN	K 1 Goods Identification Number.....	30
FTX	K 1 Free Text	32
PRI	M 1 Price Information	33
RFF	M 1 Reference Data	35
DTM	K 1 Date/Time/Period Data.....	36
ALC	M 1 Allowances and additional charges	37
PCD	M 1 Percentage Data.....	38
MOA	M 1 Money Amount.....	39
	Example.....	40
	<u>Sum Section of the Message:</u>	
UNS	M 1 Section Control Segment.....	41
MOA	M 1 Money Amount.....	41
TAX	M 1 Customs/Tax/Fee Data.....	42
MOA	K 1 Money Amount	43
ALC	M 1 Allowances and additional charges	44
MOA	K 1 Money Amount	45
	<u>Service Section of the Message:</u>	
UNT	M 1 Message End Segment	46
UNZ	M 1 Usage Data End Segment.....	46
	Appendix.....	47
	Codeliste 7161 (EANCOM).....	47

1 Introduction

The EDIFACT Subset at hand, concerning the message type “Invoice” was provided by ITEK on behalf of Arbeitsgemeinschaft Neue Medien der deutschen SHK-Industrie e.V. and Deutscher Großhandelsverband Haustechnik e.V.

ITEK

Technologiepark 19
33100 Paderborn

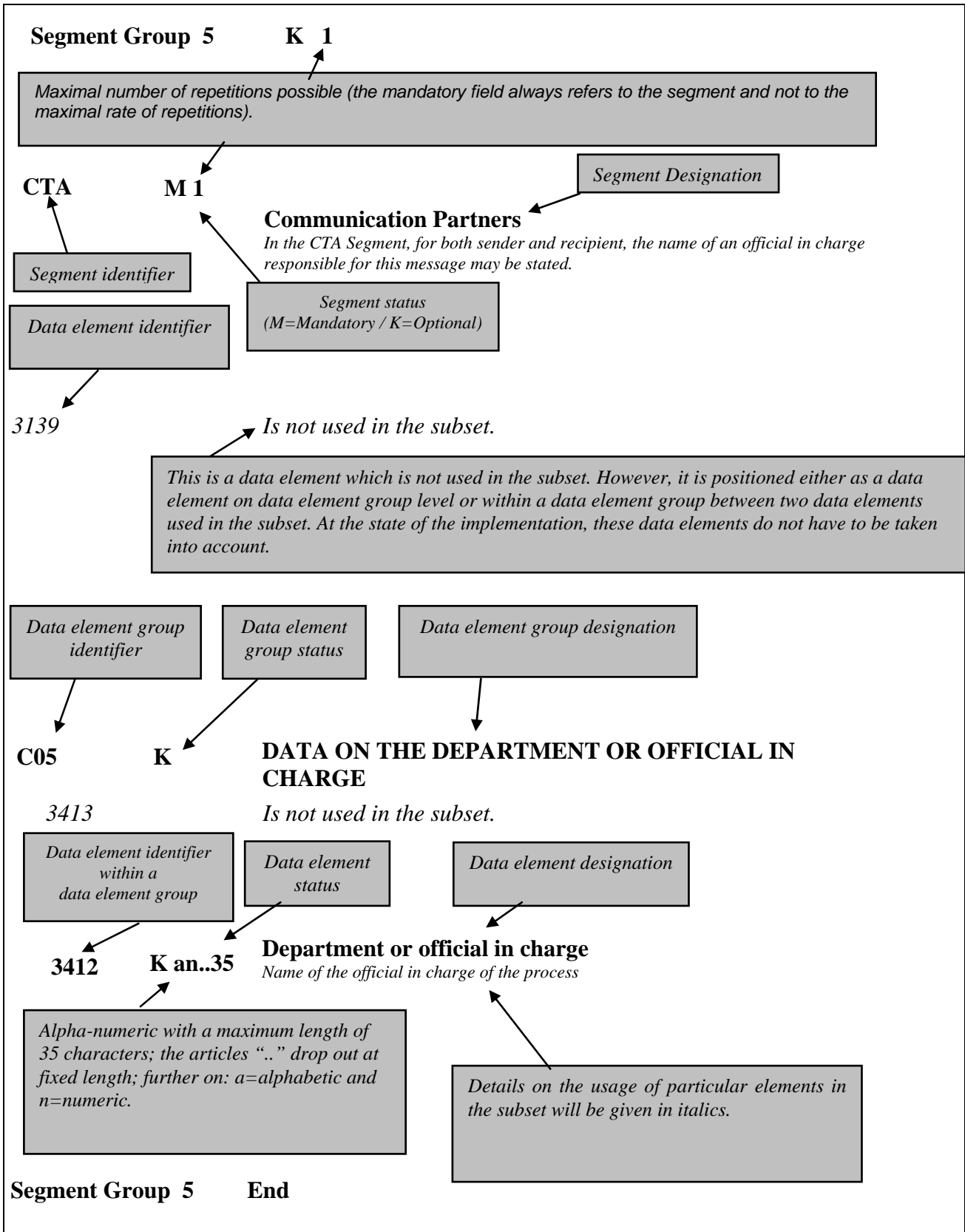
Phone no.: +49 (52 51) 16 14 –0
Fax no.: +49 (52 51) 16 14 –99
E-mail: editec@itekmbh.de

The EDIFACT Subset is based on EDIFACT-Syntax-Version 3 and the following public documents:

- EDIFACT – Standardised message type “INVOIC“
- UN/EDIFACT Directory 96 B, UN/ECE/TRADE/WP.4
- EDIFACT Application guideline service segments, draft DIN 16560-Part 1, February 1994
- UN/EDIFACT code list D.97A

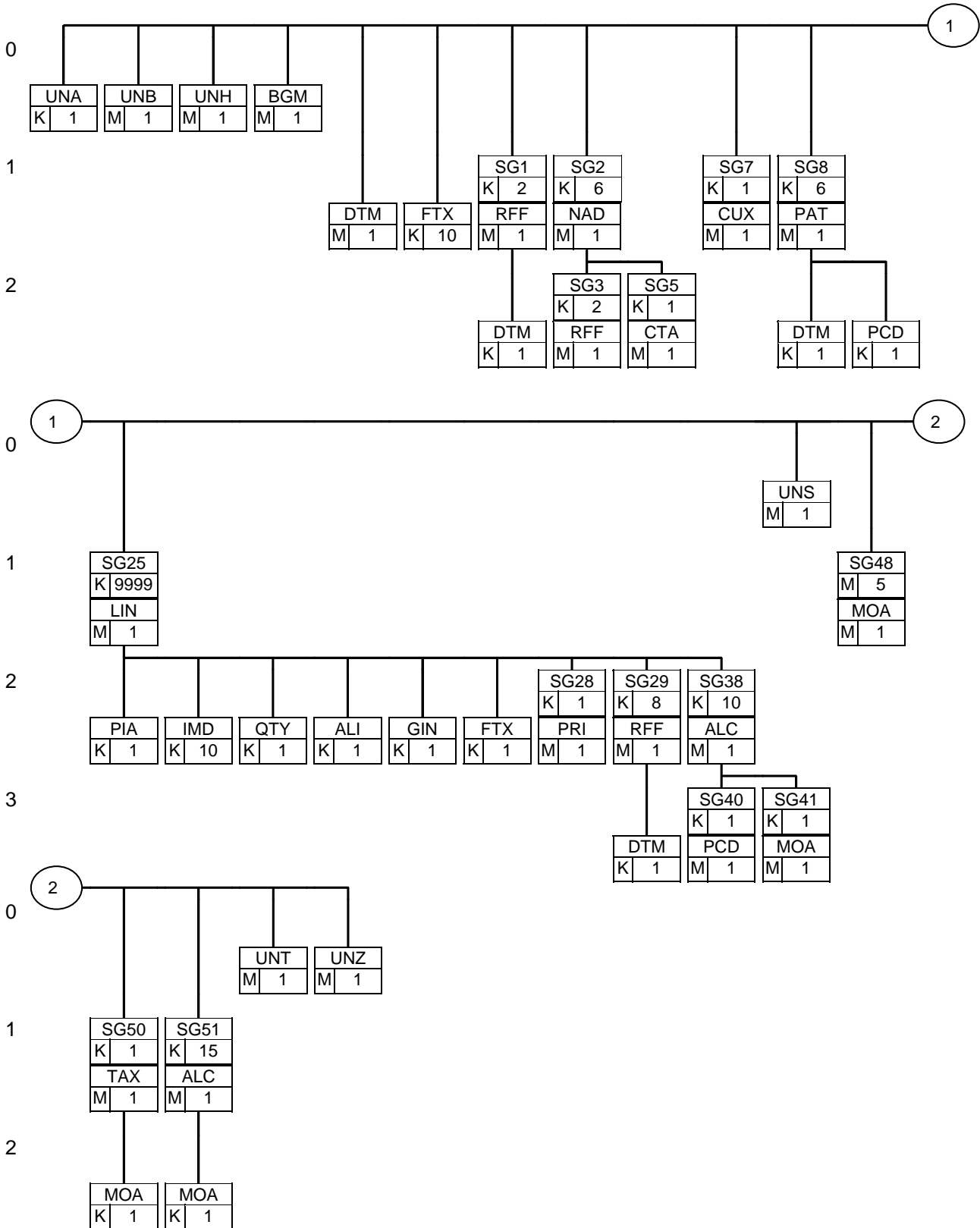
Paderborn, November 2010

2 Instructions for Usage



3 Message Structure Diagram

The following illustration shows the message structure of the subset "Invoice" with segment status and at a maximum rate of repetition.



4 History

Alteration date	Segment	Alteration
05/05/2006	FTX / 4451 (Head section of the message)	Inclusion of qualifier "OSI" for the transmission of standard texts because of legal requirements.
05/05/2006	SG1/DTM/2005	Deletion of the qualifier "2" Delivery date
05/05/2006	SG41/MOA/5004	Adaptation of the text Addition or deduction with two decimal places. Value based on the code entered in data element Gr. 38-ALC-C214-7161 (value in euros per price unit). Addition or deduction with two decimal places. Value based on the code entered in data element Gr. 38-ALC-C214-7161 (absolute value in euros)
18/07/2006	SG2/NAD/3035	Inclusion of another supplier role: WE consignee
29/09/2008	UNB/S002/0007	Inclusion of qualifier "14" Sender GLN
29/09/2008	UNB/S003/0007	Inclusion of qualifier "14" Recipient GLN
29/09/2008	SG38	Repetition frequency increased to 99
29/09/2008	SG29/RFF/C506/1153	Inclusion of qualifier "ADA" Wholesaler's return number
29/09/2008	SG29/RFF	Repetition frequency increased to 9
16/03/2009	SG5	Inclusion of communication addresses segment
15/07/2009	FTX	Inclusion of data element group C107 with the data elements 4441 and 3055 "HAE" Reference to bonus abatements "LGL" delivery note date = delivery date "ROU" Reference to invoices without VAT
01/06/2010	FTX	Deletion of qualifier "LGL" delivery note date = delivery date
01/06/2010	DTM	Inclusion of qualifier "35" Actual delivery date Repetition frequency increased to "2".
01/06/2010	SG25	Inclusion of a DTM segment with the qualifier "35" Actual delivery date

5 Message Structure of the Subset

UNA K 1 Presetting of Separators

In the UNA segment, separators, decimal marks and release indicators are predefined. It is defined only once and applies to the following messages until it is revoked. Consequently, it won't be transferred furthermore.

If needed, value :+,? '

: separates data elements in a data element group

+ separates segment designations, data element groups and data elements

, Decimal marker (comma)

? Release indicators, restores the original meaning of the mark that follows the release indicator.

Blank/space, reserved for later applications

' Segment terminator

UNB	M	1	Usage Data Head Segment <i>The UNB segment transfers data concerning syntax, sender/recipient of the interchange file, date and time of its creation, and a data exchange reference. Optionally, a password for the recipient may be included in the transfer as well.</i>								
S001	M		SYNTAX-DESIGNATOR								
0001	M	a4	Syntax Identifier <i>Constant value:</i> <table border="1" data-bbox="488 602 1449 640"> <tr> <td>"UNOC"</td> <td><i>EDIFACT syntax version C</i></td> </tr> </table>	"UNOC"	<i>EDIFACT syntax version C</i>						
"UNOC"	<i>EDIFACT syntax version C</i>										
0002	M	n1	Syntax Version Number <i>Constant value:</i> <table border="1" data-bbox="488 768 1449 806"> <tr> <td>"3"</td> <td><i>EDIFACT syntax version 3</i></td> </tr> </table>	"3"	<i>EDIFACT syntax version 3</i>						
"3"	<i>EDIFACT syntax version 3</i>										
S002	M		SENDER OF THE INTERCHANGE FILE								
0004	M	an..35	Sender Designation <i>Sender Identifier (e. g. identification number in Telebox400)</i>								
0007	K	an..4	Participant Designation, Qualifier <i>This data element serves the definite specification of the participants. The following codes are available:</i> <table border="1" data-bbox="488 1207 1449 1386"> <tr> <td>"52"</td> <td><i>Sender IBM/IE User</i></td> </tr> <tr> <td>"65"</td> <td><i>Sender Telebox400 User</i></td> </tr> <tr> <td>"ZZZ"</td> <td><i>Sender (other network operators)</i></td> </tr> <tr> <td>"14"</td> <td><i>Sender ILN/GLN</i></td> </tr> </table>	"52"	<i>Sender IBM/IE User</i>	"65"	<i>Sender Telebox400 User</i>	"ZZZ"	<i>Sender (other network operators)</i>	"14"	<i>Sender ILN/GLN</i>
"52"	<i>Sender IBM/IE User</i>										
"65"	<i>Sender Telebox400 User</i>										
"ZZZ"	<i>Sender (other network operators)</i>										
"14"	<i>Sender ILN/GLN</i>										
S003	M		RECIPIENT OF THE DATA INTERCHANGE FILE								
0010	M	an..35	Recipient Designation <i>Sender Identifier (e. g. identification number in Telebox400)</i>								

0007 K an..4 Participant Designation, Qualifier

This data element serves the definite specification of the participants. The following codes are available:

"52"	Recipient IBM/IE User
"65"	Recipient Telebox400 User
"ZZZ"	Recipient (other network operators)
"14"	Recipient ILN

S004 M DATE/TIME OF CREATION**0017** M n6 Date of Creation

Date of creation of the message by the sender in the format "YYMMTT". (This format is prescribed according to the EDIFACT Usage Guideline for Service Segments).

0019 M n4 Time of Creation

Format: HHMM

0020 M an..14 DATA INTERCHANGE REFERENCE

Number for each communication address (X.400, Provider, ...) and message type, consistently rising in ascending order. The data exchange reference number serves as a plausibility test for the assessment of double transmissions and failed transmissions. This task is fulfilled by the converter.

S005 K REFERENCE/PASSWORD OF THE RECIPIENT**0022** M AN..14 REFERENCE OR PASSWORD OF THE RECIPIENT

A password permits the access to the network or user system of the recipient. The sender and recipient may agree upon a password bilaterally.

UNH	M	1	Message Head Segment <i>In the UNH segment, a message is identified definitely. The EDITEC Subset "Invoice" is based on the message type "INVOIC".</i>		
0062	M	an..14	MESSAGE REFERENCE NUMBER <i>In each transfer file, every message is consistently numbered in ascending order, beginning with "1". This task is fulfilled by the converter.</i>		
S009	M		MESSAGE IDENTIFIER		
0065	M	an..6	Message Type Identifier <i>Constant value:</i> <table border="1" data-bbox="486 772 1449 810"> <tr> <td>"INVOIC"</td> <td>Invoice</td> </tr> </table>	"INVOIC"	Invoice
"INVOIC"	Invoice				
0052	M	an..3	Version Number of the Message Type <i>Constant value:</i> <table border="1" data-bbox="486 936 1449 974"> <tr> <td>"D"</td> <td>Draft Directory</td> </tr> </table>	"D"	Draft Directory
"D"	Draft Directory				
0054	M	an..3	Release Number of the Message Type <i>Constant value:</i> <table border="1" data-bbox="486 1099 1449 1137"> <tr> <td>"96B"</td> <td>UN/EDIFACT Draft Directory D.96B</td> </tr> </table>	"96B"	UN/EDIFACT Draft Directory D.96B
"96B"	UN/EDIFACT Draft Directory D.96B				
0051	M	an..2	Administrative Organisation, encoded <i>Constant value:</i> <table border="1" data-bbox="486 1263 1449 1301"> <tr> <td>"UN"</td> <td>United Nations UN/ECE/TRADE/WP.4</td> </tr> </table>	"UN"	United Nations UN/ECE/TRADE/WP.4
"UN"	United Nations UN/ECE/TRADE/WP.4				
0057	K	an..6	Operational Code of the Organisation in Charge <i>Constant value:</i> <table border="1" data-bbox="486 1426 1449 1464"> <tr> <td>"ITEK35"</td> <td></td> </tr> </table>	"ITEK35"	
"ITEK35"					

BGM M 1 Beginning of Message
In the BGM segment, the purpose and name of the message are defined.

C002 K DOCUMENT/MESSAGE NAME

1001 M** an..3 Document/Message Name, encoded
The following codes are available:

"380"	Invoice	
"381"	Credit note	
"31e"	Service credit note	*
"32e"	Service invoice	*
"33i"	Bonus	*

(* Codes do not correspond to any UN/EDIFACT code list)

Implementation Note:

An individual coordination between sender and recipient will be necessary when dealing with the document types 31e, 32e and 33i. Invoices of the type of 32e refer to services (e. g. customer service invoices for repair jobs).

1131 *Is not used in the subset.*

3055 K an..3 Administrative Organisation, encoded
Constant value:

"89"	Administrative Organisation ITEK
------	----------------------------------

C106 K DOCUMENT/MESSAGE IDENTIFICATION

1004 M** an..35 Document/Message Number
Invoice number, credit number or cancellation number of the supplier.

1225 K an..3 MESSAGE FUNCTION, ENCODED
The following codes are available:

"1"	Cancellation
"9"	Original
"31"	Copy

Implementation Note:

In case of a cancellation ("1"), the invoice number or credit number that is to be cancelled has to be provided under AFL in the RFF segment.

** Implementation Note: This data has to be transferred on legal grounds. Since this piece of data is only an optional piece of data according to EDIFACT, it cannot be formally verified by the EDI converters.

DTM M 1 Date-/Time-/Period Specifications
In the DTM segment, the date of the message is transferred.

C507 M DATE-/TIME-/PERIOD SPECIFICATIONS

2005 M an..3 Date-/Time-/Period specifications, qualifier
Constant value:

"3"	<i>Date of the invoice or the credit note</i>
"35"	<i>Actual delivery date</i>

2380 K an..35 Date-/Time-/Period specifications
Date, formatted as shown in data element 2379.

2379 M* an..3 Date-/Time-/Period specifications, format, qualifier
Constant value:

"102"	<i>YYYYMMDD</i>
-------	-----------------

*Implementation note: This data has to be transferred on legal grounds. Since this piece of data is only an optional piece of data according to EDIFACT, it cannot be formally verified by the EDI converters.

FTX K 10 Free Text

In the FTX segment of the head section, a text concerning the whole invoice or the credit note may be transferred.

4451 M an..3 TEXT, QUALIFIER

Constant value:

<i>"INV"</i>	<i>Invoice or credit note text</i>
<i>"OSI"</i>	<i>Standard text in order to comply with legal requirements</i>

INV: *If possible, using this segment should be avoided, since this necessitates a manual processing of the message..*

OSI: *These texts may be ignored by the wholesaler and will not result in manual processing/rejection of the invoice at the wholesaler's.*

4453 *IS NOT USED IN THE SUBSET.*

C107 TEXT REFERENCE

4441 M an..17 Free text identification, encoded

The following codes are available:

<i>"HAE"</i>	<i>Reference to bonus abatements</i>
<i>"ROU"</i>	<i>Reference to invoices without VAT</i>

3055 K an..3 Administrative Organisation, encoded

Constant value:

<i>"89"</i>	<i>Administrative Organisation ITEK</i>
-------------	---

C108 K FREE TEXT

4440 M an..70 Free Text

4440 K an..70 Free Text

4440 K an..70 Free Text

4440 K an..70 Free Text

4440 K an..70 Free Text

Segment Group 1 K 2

This segment group contains the RFF segment and the DTM segment. It serves the referencing of the documents that the invoice refers to.

RFF M 1 Reference Data

In the RFF segment, numbers concerning the documents that the invoice refers to are transferred.

C506 M REFERENCE DATA**1153 M an..3 Reference, Qualifier**

The following codes are available:

<i>"AFL"</i>	<i>Invoice number or credit note number (necessary in case of cancellation)</i>
<i>"AAS"</i>	<i>Store number</i>

Implementation Note:

Producer/supplier and customer/wholesaler have to agree upon the "AAS" store number individually and in advance.

1154 K an..35 REFERENCE NUMBER

Reference number relating to the qualifier chosen in data element 1153.

DTM	K	1	Date-/Time-/Period Specifications <i>In the DTM segment, the date specifications concerning the documents referenced before are transferred.</i>		
C507	M		DATE-/TIME-/PERIOD SPECIFICATIONS		
2005	M	an..3	Date-/Time-/Period Data, Qualifier <i>The following codes are available:</i> <table border="1"><tr><td>"3"</td><td><i>Date of invoice or credit note</i></td></tr></table> <i>A delivery date may be taken over onto a delivery note. An invoice date or a credit note date may be taken over onto the referenced Invoice respectively the credit note.</i>	"3"	<i>Date of invoice or credit note</i>
"3"	<i>Date of invoice or credit note</i>				
2380	K	an..35	Date-/Time-/Period specifications <i>Date, formatted as shown in data element 2379.</i>		
2379	K	an..3	Date-/Time-/Period specifications, format, qualifier <i>Constant value:</i> <table border="1"><tr><td>"102"</td><td>YYYYMMDD</td></tr></table>	"102"	YYYYMMDD
"102"	YYYYMMDD				

Segment Group 1 End

Segment Group 2 **M* 2 / K 8**

This segment group contains the NAD segment as well as the segment groups 3 and 5. It serves the indication of the partners and locations concerned with the message.

NAD M 1 Name and address

In the NAD segment, data concerning the identification of the partners involved is transferred as well as important address data.

3035 M an..3 PARTNERS, QUALIFIER

The following codes are available:

"SU"	Manufacturer (Industry) / Invoice issuer
"WS"	Wholesaler
"AB"	Central regulator (ILN or customer number at the supplier's)
"ST"	Shipping address
"PW"	Place of dispatch (supplier's address for dispatch)
"BP"	Building site data / Building object data
"IV"	Recipient of invoice and service
"WE"	Recipient of delivery

Implementation note:

Indication of the recipient of delivery "WE" becomes necessary if in the course of a direct order placed by the trade the delivery shall not be made to the ordering business but to a different delivery address (end customer, building site, etc.) If this indication is missing the wholesaler will not be able to invoice the trade business.

C082 K IDENTIFICATION OF THE PARTNER**3039** M an..35 Partner Identification Number, encoded

Depending on the qualifier provided above, the identification number of the partner is indicated here.

1131 *Is not used in the subset.*

3055 K an..3 Administrative Organisation, encoded

The following codes are available:

"9"	EAN (CCG as the German issuer of the ILN numbers)
"ZZZ"	bilaterally agreed upon (customer or supplier numbers)

C058 *IS NOT USED IN THE SUBSET.*

C080 K NAME OF THE PARTNER**3036** M an..35 Name of the partner

Name 1 of the partner.

*Implementation Note: This data has to be transferred on legal grounds. Since this piece of data is only an optional piece of data according to EDIFACT, it cannot be formally verified by the EDI converters.

- 3036** K an..35 Name of the partner
Name 2 of the partner.
- 3036** K an..35 Name of the partner
Name 3 of the partner.
- C059** K STREET
- 3042** M an..35 Street Number and House Number, Post-Office Box
- 3164** K an..35 LOCATION
- 3229** *IS NOT USED IN THE SUBSET.*
- 3251** K an..9 POSTAL CODE
- 3207** K an..3 COUNTRY, ENCODED
The most important country codes according to ISO 3166 (the postal codes have to be given on the delivery note papers):

"BE"	Belgium
"BG"	Bulgaria
"DK"	Denmark
"DE"	Germany
"FI"	Finland
"FR"	France
"GR"	Greece
"GB"	Great Britain
"IE"	Ireland
"IT"	Italy
"CA"	Canada
"LU"	Luxembourg
"NL"	Netherlands
"NO"	Norway
"AT"	Austria
"PT"	Portugal
"SE"	Sweden
"CH"	Switzerland
"ES"	Spain
"TR"	Turkey
"US"	USA

Segment Group 3 M* 1 / K 4

This segment group contains the RFF segment. It serves for the indication of the identification number for taxes on sales/purchases of the partners concerned with the message. It will only be required for transnational transportation.

Moreover, an additional identification number of the wholesaler's may be transferred in case of an Invoice to a central regulator. The additional identification number may identify this wholesaler as the central regulator. For the transfer of the WEEE Registration Number (Waste Electrical and Electronic Equipment), the code "XA" is available. Transfer of the WEEE Registration Number has been compulsory since 24 November 2005.

RFF M 1 Reference Data

In the RFF segment, the value added tax identification number is transferred. It also serves for the transfer of a potentially necessary additional identification number of a wholesaler at a central regulator's.

C506 M REFERENCE DATA**1153 M an..3 Reference, Qualifier**

Constant value:

"VA"	<i>Value added tax identification number</i>
"AGY"	<i>Identification number of the wholesaler at the central regulator's</i>
"FC"	<i>Tax number</i>
"XA"	<i>Company/Location registration number (as required by law)</i>

1154 M an..35 Reference Number**

Value added tax identification number or additional identification number.

Segment Group 3 End

* Implementation Note: This segment group has to be transferred on legal grounds. Since this piece of data is only an optional piece of data according to EDIFACT, the transfer of the segments cannot be formally verified by EDI converters.

** Implementation Note: This data has to be transferred on legal grounds. Since this piece of data is only an optional piece of data according to EDIFACT, it cannot be formally verified by the EDI converters.

Segment Group 5 K 1

This segment group contains the CTA segment for the indication of a contact person.

CTA M 1 Contact Information

For both sender and recipient, the name of an official in charge of this process may be transferred in the CTA segment.

3139 IS NOT USED IN THE SUBSET.

C056 K DATA ON DEPARTMENT OR OFFICIAL IN CHARGE

3413 *Is not used in the subset.*

3412 K an..35 Department or Official in Charge
Name of the official in charge.

COM K 4 Communication link

A segment for the indication of the communication number and type of the official or department in charge as given in the CTA segment.

C076 M COMMUNICATION LINK

3148 M an..512 Communication number

3155 M an..3 Communication channel / service, qualifier
The following codes are available:

<i>"AH"</i>	<i>Internet address (World Wide Web)</i>
<i>"EM"</i>	<i>E-mail</i>
<i>"FX"</i>	<i>Facsimile</i>
<i>"TE"</i>	<i>Telephone</i>

Segment Group 5 End

Segment Group 2 End

Segment Group 7 K 1

This segment group contains the CUX segment and serves the transfer of a reference currency for the complete invoice.

CUX M 1 Currency data

The CUX segment transfers data concerning currency units required for international transactions. They may be omitted on a national level.

C504 K CURRENCY DATA**6347 M an..3 Currency Data, Qualifier**

Constant value:

<i>"2"</i>	<i>Reference currency</i>
------------	---------------------------

6345 K an..3 Currency, encoded

The most important currency codes according to ISO 4217:

<i>"DKK"</i>	<i>Danish kroner (crowns)</i>
<i>"EUR"</i>	<i>Euros</i>
<i>"GBP"</i>	<i>British pounds</i>
<i>"CAD"</i>	<i>Canadian dollars</i>
<i>"NOK"</i>	<i>Norwegian kroner (crowns)</i>
<i>"PLZ"</i>	<i>Polish zloty</i>
<i>"SEK"</i>	<i>Swedish krona (crowns)</i>
<i>"CHF"</i>	<i>Swiss francs</i>
<i>"USD"</i>	<i>US dollars</i>

Segment Group 7 End

DTM	K	1	Date/Time/Period Data <i>In the DTM segment, a value date, a payment date or a discount date may be transferred.</i>						
C507	M		DATE/TIME/PERIOD DATA						
2005	M	an..3	Date/Time/Period Data, Qualifier <i>The following codes are available:</i>						
<table border="0"> <tr> <td style="padding-right: 20px;">"12"</td> <td><i>Value date (new date of payment)</i></td> </tr> <tr> <td>"13"</td> <td><i>Due date in case of net payment</i></td> </tr> <tr> <td>"343"</td> <td><i>End date for discount validity</i></td> </tr> </table>				"12"	<i>Value date (new date of payment)</i>	"13"	<i>Due date in case of net payment</i>	"343"	<i>End date for discount validity</i>
"12"	<i>Value date (new date of payment)</i>								
"13"	<i>Due date in case of net payment</i>								
"343"	<i>End date for discount validity</i>								
2380	K	an..35	Date/Time/Period Data <i>Date, formatted as indicated in data element 2379.</i>						
2379	K	an..3	Date/Time/Period Data, Format, Qualifier <i>Constant value:</i>						
<table border="0"> <tr> <td style="padding-right: 20px;">"102"</td> <td><i>YYYYMMDD</i></td> </tr> </table>				"102"	<i>YYYYMMDD</i>				
"102"	<i>YYYYMMDD</i>								

Notes on Discount:

If a discount

PAT / 4279="22"

is provided for a date of invoice

PAT / C112 / 2475="5"

PAT / C112 / 2152 = "Number of days",

the indication of the percentage

PCD / 501 / 5245 = "22" / 5482 (percentage with two fractional digits)

is also obligatory.

Example:

PAT+22++5:::14'

PCD+12:2.00'

The customer is granted a 2% discount at a date of payment within 14 days from the date of invoice.

If a discount

PAT / 4279="22"

is provided with a certain end date of discount validity

PAT / DTM / C507 / 2005 = "343"(end date of discount)

PAT / DTM / C507 / 2380 = "Fixed date",

the indication of the

PCD / 501 / 5482 (percentage with two fractional digits)

percentage is also obligatory.

Example:

PAT+22'

DTM+343:20110615:102'

PCD+12:2.00'

The customer is granted a 2% discount for payment by 15 July 2011.

If a date for net payment

PAT / 4279 = "ZZZ"

is provided, the date of payment in reference to the date of invoice

PAT / C112 / 2475= "5"

PAT / C112 / 2152 = Number of days

or as a due date in case of net payment

DTM / 507 / 2005 = "13" / 2380 = "Date" / 2379 = "102"

has to be transferred.

Example:

PAT+ZZZ'

DTM+13:20110531:102'

The customer is granted a net payment period thru 31 May 2011.

If currency is transferred

PAT / 4279 = "3"

then the value date is also obligatory

DTM / C507 / 2005 = "12" / 2380 = "Date" / 2379 = "102".

Discount days and days for net payment are counted from this value date onwards.

If instead of discount days and net payment days a fixed date

PAT / DTM / C507 / 2005 = "13" or "343"

should be transferred, then this date has to be set after the value date.

Example:

If the value date is 30 June 2011, a discount date or net payment date is not possible before 1 July 2011.

Example:

Graduated discount rates and indication of a net payment date:

<i>PAT+22++5:::14'</i>	Payment within 14 days of the invoice date
<i>PCD+12:2.00'</i>	2 % discount
<i>PAT+22++5:::7'</i>	Payment within 7 days of the invoice date
<i>PCD+12:2.50'</i>	2.5 % discount
<i>PAT+22++5:::1'</i>	Payment within 1 day of the invoice date
<i>PCD+12:3.00'</i>	3 % discount
<i>PAT+ZZZ++5'</i>	Net payment date
<i>DTM+12:20110531:102'</i>	31 May 2011

PCD K 1 Percentage Data
In the PCD segment a discount percentage rate may be transferred.

C501 M PERCENTAGE DATA

5245 M an..3 Percentage Data, Qualifier
Constant value:

<i>"12" Discount</i>

5482 K n..10 Percentage Rate
Indication of percentage with two fractional digits.

Segment Group 8 End

Segment Group 25 K 9999

This segment group contains the segments LIN, PIA, IMD, QTY, ALI, GIN, FTX and the segment groups 28, 29 and 38. It serves the transfer of the line item data.

LIN M 1 *Line Item Number*

In the LIN segment, a line item of the invoice is identified by a line item number rising in ascending order, and an article number. The reference to the line item number of the order is established in the RFF segment.

1082 K N..6 LINE ITEM NUMBER

Line item number of the invoice line item.

1229 K an..3 TYPE OF PROCESS, ENCODED

The following code is available:

<i>"5"</i>	<i>"Line item is not eligible for a bonus"</i>
------------	--

If the item/position is eligible for a bonus, the data element is left blank.

C212 K PRODUCT IDENTIFICATION**7140 K an..35 Goods or Service Number**

Supplier's article number; if there is no article number, a written specification will follow in the "IMD" segment. The C212 data element group will not be transferred in this case.

7143 K an..3 Goods or Service Number, encoded

The following codes are available:

<i>"MF"</i>	<i>Manufacturer's article number</i>
<i>"EN"</i>	<i>EAN (European Article Number)</i>

PIA K 1 Additional Product Information

4347 M an..3 PRODUCT IDENTIFICATION FUNCTION

Constant value:

"1" <i>Additional product information</i>

C212 M GOODS OR SERVICE NUMBER IDENTIFICATION

7140 M an..35 Goods/Service Number

Article number

7143 M an..3 Goods/Service Number, encoded

The following codes are available:

"EN" <i>EAN</i>

IMD M* 1/K 10 Item Description

In the IMD segment, an additional text concerning the line item may be transferred. A specification of an article may be transferred as well.

7077 IS NOT USED IN THE SUBSET.

7081 IS NOT USED IN THE SUBSET.

C273 M** ITEM DESCRIPTION**7009** M** an..17 Item Description

Code "ZU" for an additional text for the line item

This code is used if a verbal description of the line item is necessary in addition to the article number. The IMD segment may be repeated eight times in this case, offering 40 characters for each repetition (thus a total of 320 characters).

Code "SP" for specification of the article

This code is used if there are no article numbers. In case there is an article number, it is used for the transmission of the article text for the purpose of information. The entry of an article text is desired especially in order to use it for electronic archiving. The entry of the article text in addition to an article number does neither lead to an exclusion of an invoice nor to manual processing.

The IMD segment may be repeated two times for the specification of the article, offering 40 characters for each repetition.

If the code "SP" is indicated, there is the additional possibility to use the code "ZU" for an additional text. This means that in this case, the IMD segment could be repeated a maximum of ten times.

Implementation Note:

In contrast to the explanations above, the article text (2*40 characters) has to be transferred at all times when using the code "ZU".

* Implementation Note: This Segment Group has to be transferred on legal grounds. Since this piece of data is only an optional piece of data according to EDIFACT, the transfer of the segments cannot be formally verified by EDI Converters.

** Implementation Note: This data has to be transferred on legal grounds. Since this piece of data is only an optional piece of data according to EDIFACT, it cannot be formally verified by the EDI Converters.

QTY K 1 Quantity
In the QTY segment, the calculated quantity and the unit of measurement for this line item is transferred.

C186 M QUANTITY DATA

6063 M an..3 Quantity, Qualifier
Constant value:

"12" Quantity

6060 M n..15 Quantity
Quantity of the article with three decimal fractions.

6411 K an..3 Unit of Measurement, Qualifier
The following codes are available:

"CMK"	Square centimetre
"CMQ"	Cubic centimetre
"CMT"	Centimetre
"DZN"	Dozen
"GRM"	Gramme
"HLT"	Hectolitre
"KGM"	Kilogramme
"KTM"	Kilometre
"LTR"	Litre
"MMT"	Millimetre
"MTK"	Square metre
"MTQ"	Cubic metre
"MTR"	Metre
"NRL"	Number of rolls
"PCE"	Piece
"PR"	Pair
"SET"	Set
"TNE"	Tonne

ALI K 1 Additional Data

In the ALI segment, the country of origin can be transmitted.

3239 K an..3 COUNTRY OF ORIGIN

The most important country codes in accordance with ISO 3166:

"AT"	Austria
"BE"	Belgium
"BG"	Bulgaria
"CA"	Canada
"DK"	Denmark
"FI"	Finland
"FR"	France
"DE"	Germany
"GB"	Great Britain
"GR"	Greece
"IE"	Ireland
"IT"	Italy
"LU"	Luxembourg
"NL"	Netherlands
"NO"	Norway
"PT"	Portugal
"ES"	Spain
"SE"	Sweden
"CH"	Switzerland
"TR"	Turkey
"US"	USA

DTM M 1 Date-/Time-/Period Specifications
In the DTM segment, the date of the message is transferred.

C507 M DATE-/TIME-/PERIOD SPECIFICATIONS

2005 M an..3 Date-/Time-/Period specifications, qualifier
Constant value:

"35" Actual delivery date

2380 K an..35 Date-/Time-/Period specifications
Date, formatted as shown in data element 2379.

2379 M* an..3 Date-/Time-/Period specifications, format, qualifier
Constant value:

"102" YYYYMMDD

*Implementation note: This data has to be transferred on legal grounds. Since this piece of data is only an optional piece of data according to EDIFACT, it cannot be formally verified by the EDI converters.

GIN K 1 Goods Identification Number
In the GIN segment the customs tariff number can be transferred.

7405 M an..3 IDENTIFICATION NUMBER, QUALIFIER
Constant value:

<i>"SC" Customs Tariff Number</i>
--

C208 M IDENTIFICATION NUMBER

7402 M an..35 Identification Number
Customs Tariff Number

Segment Group 28 (M* 1) K 2

This segment group contains the PRI segment and serves the transmission of the prices of the line item.

PRI M 1 Price Information

*In the PRI segment, gross price and/or net price are transferred. One of the two prices **has to be** transmitted.*

C509 M PRICE INFORMATION**

5125 M an..3 Price, Qualifier

The following codes are available:

<i>"GRP"</i>	<i>Gross price</i>
<i>"NTP"</i>	<i>Net price</i>

5118 M n..15 Price**

Price of the article with two decimal fractions.

5375 *Is not used in the subset.*

5387 *Is not used in the subset.*

5284 M n..9 Price Basis per Unit**

The quantity the previously stated price and the measurement unit stated in data element 6411 refer to. If for instance the price refers to one piece, this data element has to state a "1" and data element 6411 has to state the Code "PCE" for "piece". The price basis has to be indicated as follows:

- "1" = 1 unit*
- "10" = 10 units*
- "100" = 100 units*
- "1000" = 1,000 units*

The indication has to comply with the master data.

* Implementation Note: In this segment group, one of both possible prices has to be transmitted on legal grounds. Since this piece of data is only an optional piece of data according to EDIFACT, the transfer of the segments cannot be formally verified by EDI Converters.

** Implementation Note: This data has to be transferred on legal grounds. Since this piece of data is only an optional piece of data according to EDIFACT, it cannot be formally verified by the EDI Converters.

*
*

6411 M** an..3 Measurement Unit, Qualifier

This data element should only be used if the indication of price refers to another measurement unit than the indication of quantity in the order. The following codes are available:

"CMK"	<i>Square centimetre</i>
"CMQ"	<i>Cubic centimetre</i>
"CMT"	<i>Centimetre</i>
"DZN"	<i>Dozen</i>
"GRM"	<i>Gramme</i>
"HLT"	<i>Hectolitre</i>
"KGM"	<i>Kilogramme</i>
"KTM"	<i>Kilometre</i>
"LTR"	<i>Litre</i>
"MMT"	<i>Millimetre</i>
"MTK"	<i>Square metre</i>
"MTQ"	<i>Cubic metre</i>
"MTR"	<i>Metre</i>
"NRL"	<i>Number of rolls</i>
"PCE"	<i>Piece</i>
"PR"	<i>Pair</i>
"SET"	<i>Set</i>
"TNE"	<i>Tonne</i>

Segment Group 28 End

* Implementation Note: This data has to be transferred on legal grounds. Since this piece of data is only an optional piece of data according to EDIFACT, it cannot be formally verified by the EDI Converters.

Segment Group 29 K 9

This segment group contains the RFF segment and the DTM segment. It serves the referencing of the documents that the invoice line item refers to (to be applied in collective invoices).

RFF M 1 Reference Data

In the RFF segment the numbers of the documents that the invoice line item refers to are transferred.

C506 M REFERENCE DATA**1153 M an..3 Reference, Qualifier**

The following codes are available:

<i>"ACE"</i>	<i>Order acceptance number of the supplier</i>
<i>"VN"</i>	<i>Order number of the wholesaler</i>
<i>"LI"</i>	<i>Line item number of the order</i>
<i>"AAJ"</i>	<i>Delivery note number of the supplier</i>
<i>"FI"</i>	<i>Line item number of the delivery note</i>
<i>"AAK"</i>	<i>Dispatch notification number of the supplier</i>
<i>"AAS"</i>	<i>Store number</i>
<i>"ACD"</i>	<i>Additional reference, here collective order number</i>
<i>"ADA"</i>	<i>Return number of the wholesaler</i>

1154 M* an..35 Reference Number

Reference number, refers to the qualifier chosen in data element 1153.

Implementation Note:

For every invoice line item, the references VN, LI, AAJ and FI have to be transferred. For the AAJ reference also the delivery date has to be transferred.

* Implementation Note: This data has to be transferred on legal grounds. Since this piece of data is only an optional piece of data according to EDIFACT, it cannot be formally verified by the EDI Converters.

DTM K 1 Date/Time/Period Data
In the DTM segment, data concerning the time and date of the previously referenced documents is transferred.

C507 M DATE/TIME/PERIOD DATA

2005 M an..3 Date/Time/Period Data, Qualifier
The following codes are available:

"2"	<i>Date of delivery</i>
"4"	<i>Date of order</i>

2380 K an..35 Date/Time/Period Data
Date, formatted as shown in data element 2379.

2379 K an..3 Date/Time/Period Data, Format, Qualifier
Constant value:

"102"	<i>YYYYMMDD</i>
-------	-----------------

Segment Group 29 End

Segment Group 40 K 1

This segment group contains the PCD segment and serves the transmission of percentage rates for allowances and additional charges.

PCD M 1 Percentage Data

In the PCD segment, a multiplier or percentage rate for the invoice line item is transferred.

Percentage rates for discount data are for information only.

C501 M PERCENTAGE DATA**5245 M an..3 Percentage Data, Qualifier**

The following codes are available:

<i>"1"</i>	<i>Multiplier</i>
<i>"3"</i>	<i>Percentage Rate</i>

5482 K n..10 Percentage Rate

The multiplier is transferred with four decimal fractions.

The percentage rate is transferred with two decimal fractions.

Segment Group 40 End

Segment Group 41 K 1

This segment group contains the MOA segment and serves the transfer of allowances and additional charges in the form of a fixed amount of money.

MOA M 1 Amount of Money

In the MOA segment, an amount of money is transferred in the form of allowances and additional charges.

C516 M AMOUNT OF MONEY**5025 M an..3 Amount of Money Qualifier**

Constant value:

<i>"8" Amount of Money</i>

5004 K n..18 Amount of money

Additional charge or allowance with two decimal fractions. Value in relation to the code entered in the 38-ALC-C214-7161 data element group (absolute amount in euros).

Segment Group 41 End

Segment Group 38 End

Segment Group 25 End

Example

The calibrated water meter with the article number 4711 costs 50.00 € apiece. An allowance of 10 % is granted, but there is also a charge of 4.00 € calibration fee.

Segment / Data element	Field content	Description
LIN / 1082	1	Line item number of the invoice
LIN / C212 / 7140	4711	Article number
LIN / C212 / 7143	"MF"	Manufacturer's article number
LIN / IMD / C273 / 7009	"SP"	Additional text for line item
LIN / IMD / C273 / 7008	Water meter	Description of line item
LIN / IMD / C273 / 7008	calibrated	Description of line item
LIN / QTY / 6060	1	Quantity
LIN / QTY / 6411	PCE	Quantity unit
LIN / PRI / 5125	"GRP"	Gross price
LIN / PRI / 5118	50.00	Price
LIN / RFF / C506 / 1153	"VN"	Reference Data
LIN / RFF / C506 / 1154	4711	Wholesaler's order number
LIN / RFF / C506 / 1153	"LI"	Reference Data
LIN / RFF / C506 / 1154	5711	Line item of the order
LIN / RFF / C506 / 1153	"AAJ"	Reference data
LIN / RFF / C506 / 1154	6711	Supplier's delivery note number
LIN / RFF / C506 / 1153	"FI"	Reference data
LIN / RFF / C506 / 1154	7711	Supplier's line item number
LIN / ALC / 5463	"A"	Allowance
LIN / ALC / C214 / 7161	"SF"	Multiplier
LIN / ALC / PCD / C501 / 5245	"1"	Multiplierr
LIN / ALC / PCD / C501 / 5482	0.9800	Multiplier (10% + 4.00 €)
LIN / ALC / 5463	"A"	Allowance
LIN / ALC / C214 / 7161	"WHE" or "ZZZ"	Wholesaler discount
LIN / ALC / C214 / 7160	Basic discount	Designation of the condition
LIN / ALC / PCD / C501 / 5245	"3"	Percentage rate
LIN / ALC / PCD / C501 / 5482	10.00	Percentage rate
LIN / ALC / 5463	"C"	Additional charge
LIN / ALC / C214 / 7161	"ZZZ"	Bilateral agreement
LIN / ALC / C214 / 7160	Calibration fee	Designation of the condition
LIN / ALC / PCD / MOA / C516 / 5025	"8"	Amount of money
LIN / ALC / PCD / MOA / C516 / 5004	4.00	Amount

Attention: the indication of discount rates or amounts of money for additional charges and/or allowances serve for the purpose of information only. All allowances and additional charges have to be transferred with the multiplier.

UNS M 1 Section Control Segment
The UNS segment is a service segment and marks the partition of line item section and sum section.

0081 M a1 SECTION IDENTIFIER, ENCODED
Constant value:

“S” *Partition of line item section and sum section*

Scheme for the transmission of invoice sums:

<i>Invoice sums to be transferred</i>	<i>Elements to be used</i>
Sum of line item values +/- EURO value (allowances & charges)	SG 48/MOA/C516/5004 with code “79” SG 51/ALC/MOA
= Goods value + Additional expenses	SG 48/MOA/C516/5004 with code “56” SG 51/ALC/MOA
= sum subject to turnover tax + tax on sales/purchases	SG 48/MOA/C516/5004 with code “125” SG 50/TAX/MOA
= invoice sum	SG 48/MOA/C516/5004 with code “9”
Share of goods value subject to bonus	SG 48/MOA/C516/5004 with code “12”

Segment Group 48 M 5

This segment group contains the MOA segment and serves the indication of invoice sums.

MOA M 1 Money Amount
In the MOA segment, the invoice sums are transferred.

C516 M MONEY AMOUNT

5025 M an..3 Type of Money Amount, Qualifier
The following codes are available:

“79” *Sum of the line item values*
 “56” *Goods value*
 “125” *sum subject to turnover tax (mandatory field)*
 “9” *Invoice sum (mandatory field)*
 “12” *Share of goods value subject to bonus*

5004 K n..18 Money Amount
Sum according to the qualifier stated in data element 5025.

Segment Group 48 End

Segment Group 50 K 1

This segment group contains the TAX segment and the MOA segment and serves for the transfer of VAT.

TAX M 1 Customs/Tax/Fee Data
In the TAX segment, the VAT percentage rate is transferred.

5283 M an..3 TYPE OF CUSTOMS/TAX/FEE DATA,
 QUALIFIER

Constant value:

"7" Tax

C241 K TYPE OF TAX

5153 K an..3 Type of Tax, encoded

Constant value:

"VAT" Value added tax

C533 *IS NOT USED IN THE SUBSET.*

5286 *IS NOT USED IN THE SUBSET.*

C243 K DETAILED TAX DATA

5279 *Is not used in the subset.*

1131 *Is not used in the subset.*

3055 *Is not used in the subset.*

5278 K an..17 Indication of Tax Rate
Indication of the percentage rate of the value added tax.

- MOA** K 1 Money Amount
In the MOA segment the amount of money subject to VAT is transferred.
- C516** M MONEY AMOUNT
- 5025** M an..3 Type of Money Amount, Qualifier
Constant value:

"150" Value added tax

- 5004** K n..18 Money Amount
Absolute amount of money subject to value added tax, with a maximum of two decimal fractions.

Segment Group 50 End

Segment Group 51 K 15

This segment group contains the ALC segment and the MOA segment. It serves the transfer of additional expenses as well as the transfer of allowances and additional charges on the whole of the invoice.

ALC M 1 Allowances and additional charges

In the ALC segment allowances and additional charges on the whole of the invoice are shown as a sum. These allowances and additional charges are given in the form of a percentage rate or in concrete monetary terms.

5463 M an..3 ALLOWANCES AND ADDITIONAL CHARGES, QUALIFIER

The following codes are available:

<i>"A"</i>	<i>Allowance</i>
<i>"C"</i>	<i>Additional charge</i>

C552 IS NOT USED IN THE SUBSET.

4471 IS NOT USED IN THE SUBSET.

1227 IS NOT USED IN THE SUBSET.

C214 K SPECIAL PAYMENTS**7161 K an..3 Special Payments, encoded**

The following codes are available:

<i>"ABW"</i>	<i>Customs duties</i>
<i>"AU"</i>	<i>Accreditation fee</i>
<i>"DL"</i>	<i>Delivery/Freight Charge</i>
<i>"IN"</i>	<i>Insurance</i>
<i>"PC"</i>	<i>Packaging</i>
<i>"ZZZ"</i>	<i>Bilaterally agreed upon (description of the conditions follows in data element 7160)</i>

For further possible code values see the appendix (EANCOM code list)

1131 Is not used in the subset.

3055 Is not used in the subset.

7160 K an..35 Special Condition

*If the code "ZZZ" is chosen in data element 7161, a designation of the condition **has to** be transferred here.*

MOA K 1 Money Amount

In the MOA segment an amount of money referring to the previously stated allowances and additional charges is transferred.

C516 M MONEY AMOUNT

5025 M an..3 Money Amount, Qualifier

Constant value:

"8" <i>Amount of money</i>

5004 K n..18 Money Amount

Additional charge or allowance with two decimal fractions.

Segment Group 51 End

UNT	M 1	Message End Segment <i>In the UNT segment, the number of segments and the message reference number are transferred for the purpose of a plausibility verification.</i>
0074	M n..6	NUMBER OF SEGMENTS IN A MESSAGE <i>Number of segments transferred with this message, including the segments UNH and UNT.</i>
0062	M an..14	MESSAGE REFERENCE NUMBER <i>The same reference number as in UNH / 0062 has to be entered here. Upon receipt of message, this number is compared to the entry in the UNH segment.</i>
UNZ	M 1	Usage Data End Segment <i>In the UNZ segment a data exchange counter and a data exchange reference may be transferred.</i>
0036	M n..6	DATA EXCHANGE COUNTER <i>Here, the number of messages is entered in the usage data frame UNB...UNZ.</i>
0020	M an..14	DATA EXCHANGE REFERENCE <i>The same reference number as in UNB / 0020 has to be entered here. Upon receipt of message, this number is compared to the entry in the UNB segment.</i>

Appendix

Code List 7161 (EANCOM)

AA	Advertising allowance	GRB	Growth of business (EAN code)
AAB	Returned goods charge	HD	Handling
AAJ	Copper surcharge	IN	Insurance
AAM	Rubber surcharge	INT	Introduction allowance (EAN code)
AAT	Rush delivery	IS	Invoice services
AAX	Tungsten surcharge	MAC	Minimum order/minimum billing charge
AAZ	Airport fee	MB	Multi-buy promotion (EAN code)
ABA	Compulsory storage fee	MC	Material surcharge (special materials)
ABH	Throughput allowance	NAA	Non-returnable containers
ABL	Packaging surcharge	PAD	Promotional allowance
ACQ	Royalty surcharge	PAE	Promotional discount
ACY	Container deposit charge	PAR	Partnership allowance (EAN code)
ADM	Binding services	PC	Packing
ADN	Repair or replacement of broken returnable package	PI	Pick-up allowance
ADO	Efficient logistics	PL	Palletizing
ADP	Merchandising	PN	Pallet charge
ADQ	Product mix	QD	Quantity discount
ADR	Other services	RAA	Rebate
ADS	Full pallet ordering	RAD	Returnable container
ADT	Pick-up	RAE	Resellers discount
AG	Silver surcharge	RCH	Return handling (EAN code)
AJ	Adjustments	SER	Service charge (EAN code)
ASS	Assortment allowance (EAN code)	SH	Special handling service
CA	Cataloguing services	TAE	Truckload discount
CAC	Cash discount	TD	Trade discount
CAG	Competitive allowance	TX	Tax
CAI	Cutting charge	TZ	Temporary allowance
CLA	Clerical- and administrative services (EAN code)	VAB	Volume discount
COD	Cash on delivery (EAN code)	VEI	Veterinary inspection service (EAN code)
CP	Competitive price	VEJ	Environmental protection or clean-up service (EAN code)
CRS	Collection and recycling service (EAN code)	WHE	Wholesaling discount (EAN code)
CSS	Copyright collection services (EAN code)	X14	Preferential merchandising location (EAN code)
DAE	Distributor discount/allowance	X15	Domestic cheque processing service outside account area (EAN code)
DBD	Debtor bound (EAN code)	X16	Domestic payment service outside account area (EAN code)
DDA	Dealer discount/allowance	X17	Domestic payment service within account area (EAN code)
DDL	Direct delivery(EAN code)	X18	Payroll (EAN code)
DI	Discount	X19	Cash transportation (EAN code)
DTC	Discount transferable to the consumer (EAN code)	X20	Home Banking (EAN code)
EAA	Early buy allowance	X21	Special agreement (EAN code)
EAB	Early payment allowance	X24	Insurance (EAN code)
EXC	Charge for exceeding (EAN code)	X25	Cheque generation (EAN code)
FA	Freight allowance	XAA	Combine all same day shipments
FC	Freight charge		
FG	Free goods		
FI	Finance charge		
GAC	Guarantee charge (EAN code)		