

# **Guidelines of Implementation**

**EDIFACT SUBSET**

**EDITEC**

**Invoice**



**Deutscher Großhandelsverband Haustechnik e.V.**

**/ARGE**

Building digital competence



**INVOIC / D.96B**

**Version 3.5 / November 2010**



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# 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**

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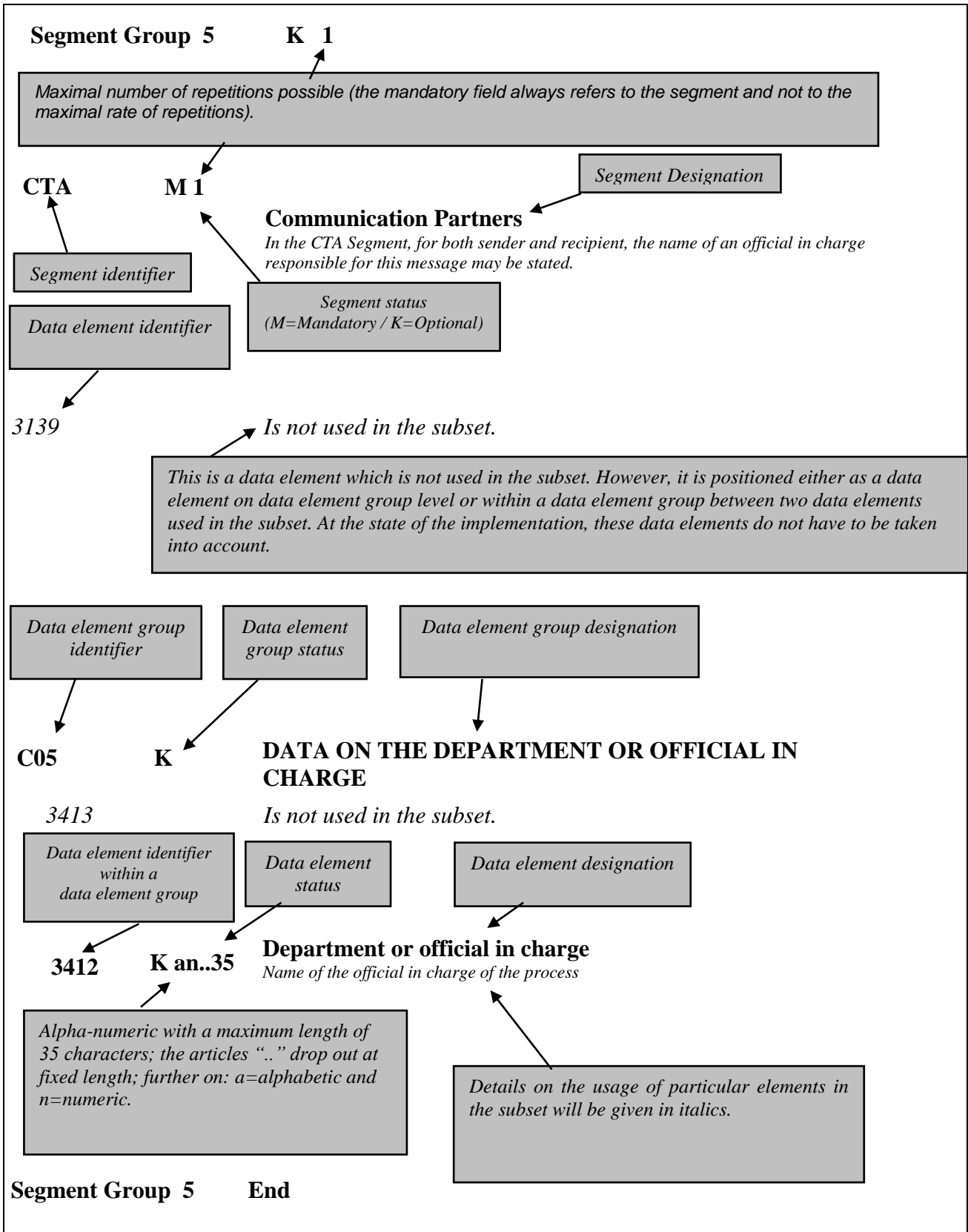
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The EDIFACT Subset is based on EDIFACT-Syntax-Version 3 and the following public documents:

- 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

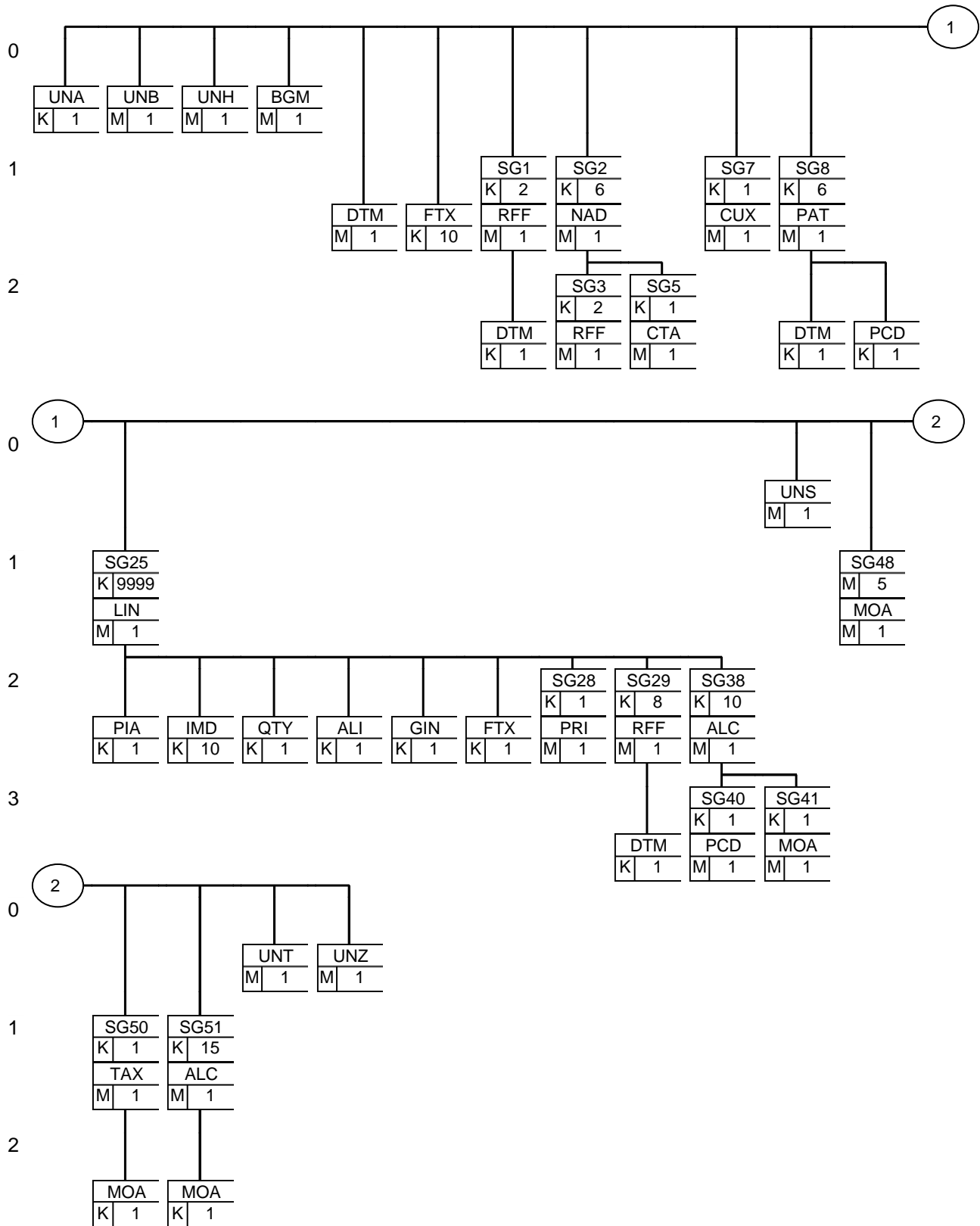
Paderborn, November 2010

## 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 <del>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).</del> 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*

<b>UNB</b>	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>
<b>S001</b>	M		SYNTAX-DESIGNATOR
<b>0001</b>	M	a4	Syntax Identifier
			<i>Constant value:</i>
			"UNOC"      EDIFACT syntax version C
<b>0002</b>	M	n1	Syntax Version Number
			<i>Constant value:</i>
			"3"      EDIFACT syntax version 3
<b>S002</b>	M		SENDER OF THE INTERCHANGE FILE
<b>0004</b>	M	an..35	Sender Designation
			<i>Sender Identifier (e. g. identification number in Telebox400)</i>
<b>0007</b>	K	an..4	Participant Designation, Qualifier
			<i>This data element serves the definite specification of the participants. The following codes are available:</i>
			"52"      Sender IBM/IE User "65"      Sender Telebox400 User "ZZZ"     Sender (other network operators) "14"      Sender ILN/GLN
<b>S003</b>	M		RECIPIENT OF THE DATA INTERCHANGE FILE
<b>0010</b>	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

*In the UNH segment, a message is identified definitely. The EDITEC Subset "Invoice" is based on the message type "INVOIC".*

<b>0062</b>	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>
<b>S009</b>	M	MESSAGE IDENTIFIER	
<b>0065</b>	M an..6	Message Type Identifier	<i>Constant value:</i>
		<i>"INVOIC" Invoice</i>	
<b>0052</b>	M an..3	Version Number of the Message Type	<i>Constant value:</i>
		<i>"D" Draft Directory</i>	
<b>0054</b>	M an..3	Release Number of the Message Type	<i>Constant value:</i>
		<i>"96B" UN/EDIFACT Draft Directory D.96B</i>	
<b>0051</b>	M an..2	Administrative Organisation, encoded	<i>Constant value:</i>
		<i>"UN" United Nations UN/ECE/TRADE/WP.4</i>	
<b>0057</b>	K an..6	Operational Code of the Organisation in Charge	<i>Constant value:</i>
		<i>"ITEK35"</i>	

**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
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**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.

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\*\* 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>
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\*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>
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**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**

*In the DTM segment, the date specifications concerning the documents referenced before are transferred.*

**C507 M DATE-/TIME-/PERIOD SPECIFICATIONS**

**2005 M an..3 Date-/Time-/Period Data, Qualifier**

*The following codes are available:*

<b>"3"</b>	<i>Date of invoice or credit note</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.*

**2380 K an..35 Date-/Time-/Period specifications**

*Date, formatted as shown in data element 2379.*

**2379 K an..3 Date-/Time-/Period specifications, format, qualifier**

*Constant value:*

<b>"102"</b>	<b>YYYYMMDD</b>
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**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.*

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

**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

*In the DTM segment, a value date, a payment date or a discount date may be transferred.*

**C507 M** DATE/TIME/PERIOD DATA**2005 M an..3** Date/Time/Period Data, Qualifier

*The following codes are available:*

<i>"12"</i>	<i>Value date (new date of payment)</i>
<i>"13"</i>	<i>Due date in case of net payment</i>
<i>"343"</i>	<i>End date for discount validity</i>

**2380 K an..35** Date/Time/Period Data

*Date, formatted as indicated in data element 2379.*

**2379 K an..3** Date/Time/Period Data, Format, Qualifier

*Constant value:*

<i>"102"</i>	<i>YYYYMMDD</i>
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## 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:*  

<b>"5"</b>	<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:*

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

**PIA** K 1 Additional Product Information**4347** M an..3 PRODUCT IDENTIFICATION FUNCTION*Constant value:*

"1" Additional product information
------------------------------------

**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" EAN
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<b>IMD</b>	<b>M*</b>	<b>1/K 10</b>	<b>Item Description</b>
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*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.

\*

\*

1131 *Is not used in the subset.*

3055 *Is not used in the subset.*

**7008** M\*\* an..35 Item Description  
*Characters 1-35.*

**7008** M\*\* an..35 Item Description  
*Characters 36-40.*

---

\*\* 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

<b>DTM</b>	<b>M 1</b>	<b>Date-/Time-/Period Specifications</b>
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*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:*

<b>"35"</b>	<i>Actual delivery date</i>
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**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:*

<b>"102"</b>	<b>YYYYMMDD</b>
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\*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*

**FTX K 1 Free Text**

*In the FTX segment, a text concerning the invoice line item or the credit note line item can be transferred in the line item section. If possible, this segment should be used, because otherwise a manual processing of the message will become necessary.*

**4451** M an..3 TEXT, QUALIFIER

*Constant value:*

<i>"INV"</i>	<i>Invoice text or credit note text</i>
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**4453** *IS NOT USED IN THE SUBSET.*

**C107** *IS NOT USED IN THE SUBSET.*

**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 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"	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

**Segment Group 28 End**

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\* 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.

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\* 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>
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**Segment Group 29 End**



**Segment Group 38                    K    99**

*This segment group contains the ALC segment and the segment groups 40 and 41. It serves the transmission of allowances and additional charges concerning the invoice line items.*

**ALC            M    1            ALLOWANCES AND ADDITIONAL CHARGES**

*The ALC segment serves the indication of allowances and additional charges for singular line items. The multiplier enlisted is a net multiplier that already encompasses all reductions for this position. The multiplier has to be transferred.*

***All allowances and additional charges have to be transferred with the multiplier. The entry of discount rates is for information purposes only. The multiplier serves the automatic invoice verification. The individual conditions serve the purpose of information and manual research in case of deviations registered in the course of automatic verification.***

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

*The following codes are available:*

"A"	Allowance
"C"	Charge

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:*

"SF"	Multiplier
"ZZZ"	Bilaterally agreed upon (description of the conditions follows in data element 7160)

*See also the appendix for a complementary list of codes.*

1131                    *Is not used in the subset.*

3055                    *Is not used in the subset.*

**7160            K    an..35            Special Conditions**

*In case of the entry of code "ZZZ" in data element 7161, the designation of the condition **has to be** transferred here.*

**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	<b>1</b>	Line item number of the invoice
LIN / C212 / 7140	<b>4711</b>	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	<b>calibrated</b>	Description of line item
LIN / QTY / 6060	<b>1</b>	Quantity
LIN / QTY / 6411	<b>PCE</b>	Quantity unit
LIN / PRI / 5125	"GRP"	Gross price
LIN / PRI / 5118	<b>50.00</b>	Price
LIN / RFF / C506 / 1153	"VN"	Reference Data
LIN / RFF / C506 / 1154	<b>4711</b>	Wholesaler's order number
LIN / RFF / C506 / 1153	"LI"	Reference Data
LIN / RFF / C506 / 1154	<b>5711</b>	Line item of the order
LIN / RFF / C506 / 1153	"AAJ"	Reference data
LIN / RFF / C506 / 1154	<b>6711</b>	Supplier's delivery note number
LIN / RFF / C506 / 1153	"FI"	Reference data
LIN / RFF / C506 / 1154	<b>7711</b>	Supplier's line item number
LIN / ALC / 5463	"A"	Allowance
LIN / ALC / C214 / 7161	"SF"	Multiplier
LIN / ALC / PCD / C501 / 5245	"1"	Multipliert
LIN / ALC / PCD / C501 / 5482	<b>0.9800</b>	Multiplier (10% + 4.00 €)
LIN / ALC / 5463	"A"	Allowance
LIN / ALC / C214 / 7161	"WHE" or "ZZZ"	Wholesaler discount
LIN / ALC / C214 / 7160	<b>Basic discount</b>	Designation of the condition
LIN / ALC / PCD / C501 / 5245	"3"	Percentage rate
LIN / ALC / PCD / C501 / 5482	<b>10.00</b>	Percentage rate
LIN / ALC / 5463	"C"	Additional charge
LIN / ALC / C214 / 7161	"ZZZ"	Bilateral agreement
LIN / ALC / C214 / 7160	<b>Calibration fee</b>	Designation of the condition
LIN / ALC / PCD / MOA / C516 / 5025	"8"	Amount of money
LIN / ALC / PCD / MOA / C516 / 5004	<b>4.00</b>	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:*

<b>"S"</b> 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	SG 48/MOA/C516/5004 with code "56"
+ Additional expenses	SG 51/ALC/MOA
= sum subject to turnover tax	SG 48/MOA/C516/5004 with code "125"
+ tax on sales/purchases	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:*

<b>"79"</b> Sum of the line item values
<b>"56"</b> Goods value
<b>"125"</b> sum subject to turnover tax (mandatory field)
<b>"9"</b> Invoice sum (mandatory field)
<b>"12"</b> 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:*

<i>"150" Value added tax</i>
------------------------------

**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**





*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" Amount of money
---------------------

**5004** K n..18 Money Amount

*Additional charge or allowance with two decimal fractions.*

**Segment Group 51 End**

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