

**Guidelines of Implementation
for
EDIFACT SUBSET
EDITEC
Orders**



Deutscher Großhandelsverband Haustechnik e.V.



ARGE Neue Medien



ORDERS / D.96B

Version 3.5 / November 2010

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1 Introduction

The guidelines of implementation at hand concern the EDIFACT subset "Orders". They were provided by ITEK on behalf of the Arbeitsgemeinschaft Neue Medien der deutschen Sanitärindustrie e.V. and the Deutscher Großhandelsverband Haustechnik e.V.

With the EDIFACT subset ORDERS, the order data of the wholesale trade are transferred to the manufacturer in respect in a quick, safe and economic manner. This is a description of the subset and the guidelines of implementation. It normalises and standardises the process of electronic order data transfer from trade to industry.

By means of the uniform use of the order data on the part of the wholesale trade, and by the uniform processing of this data on part of the industry, the security necessary for the process is provided for both sender and recipient.

The individual guidelines of implementation are given at the end of each segment and are stressed by colour. If you pay adherence to the guidelines of implementation, you will achieve the uniform processing of your order data and gain the security necessary for the process. For this reason, the uniform use of order data in terms of the guidelines of implementation is mandatory for the uniform processing of your orders on part of the suppliers.

ITEK

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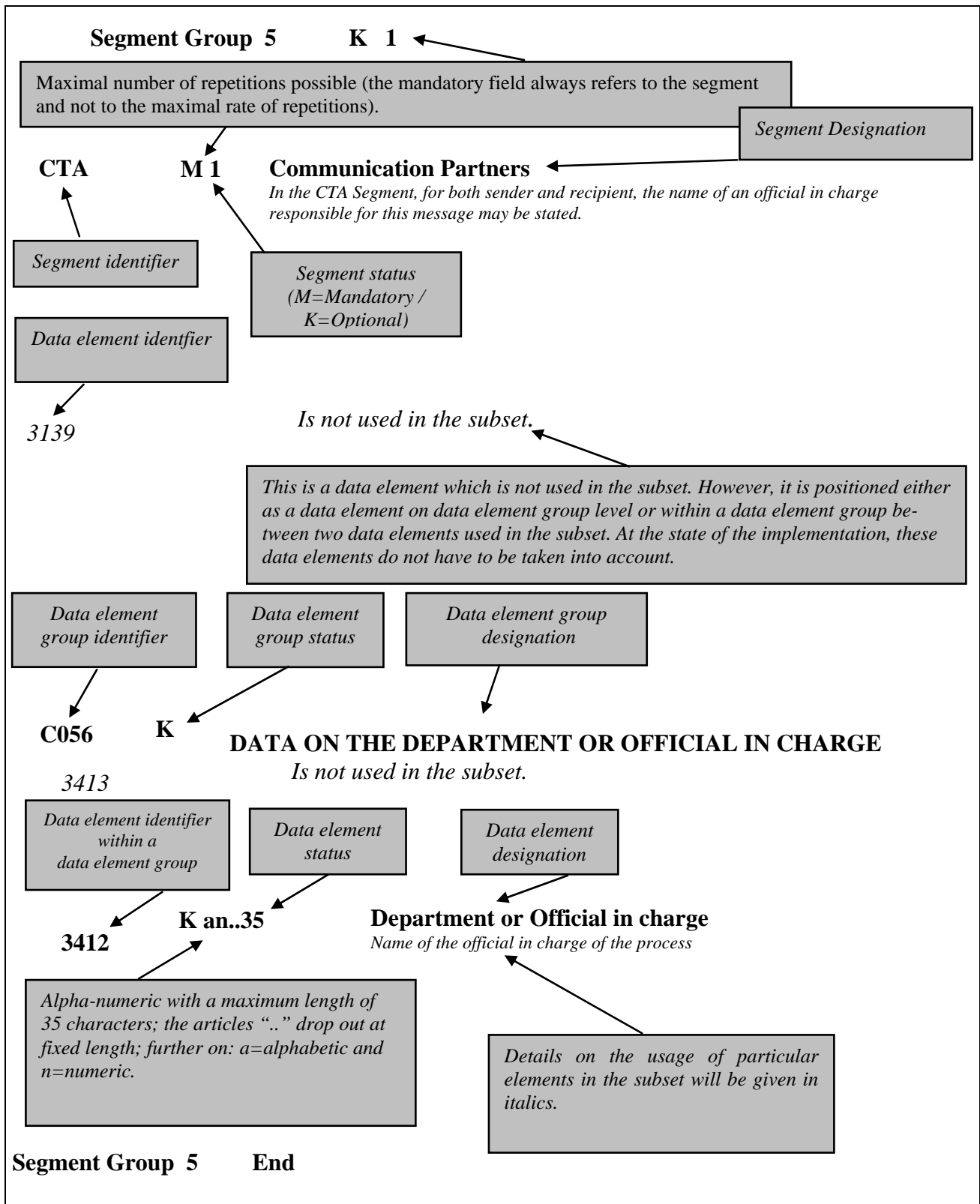
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The EDIFACT Subset is based on the EDIFACT syntax version 3 and the following public documents:

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

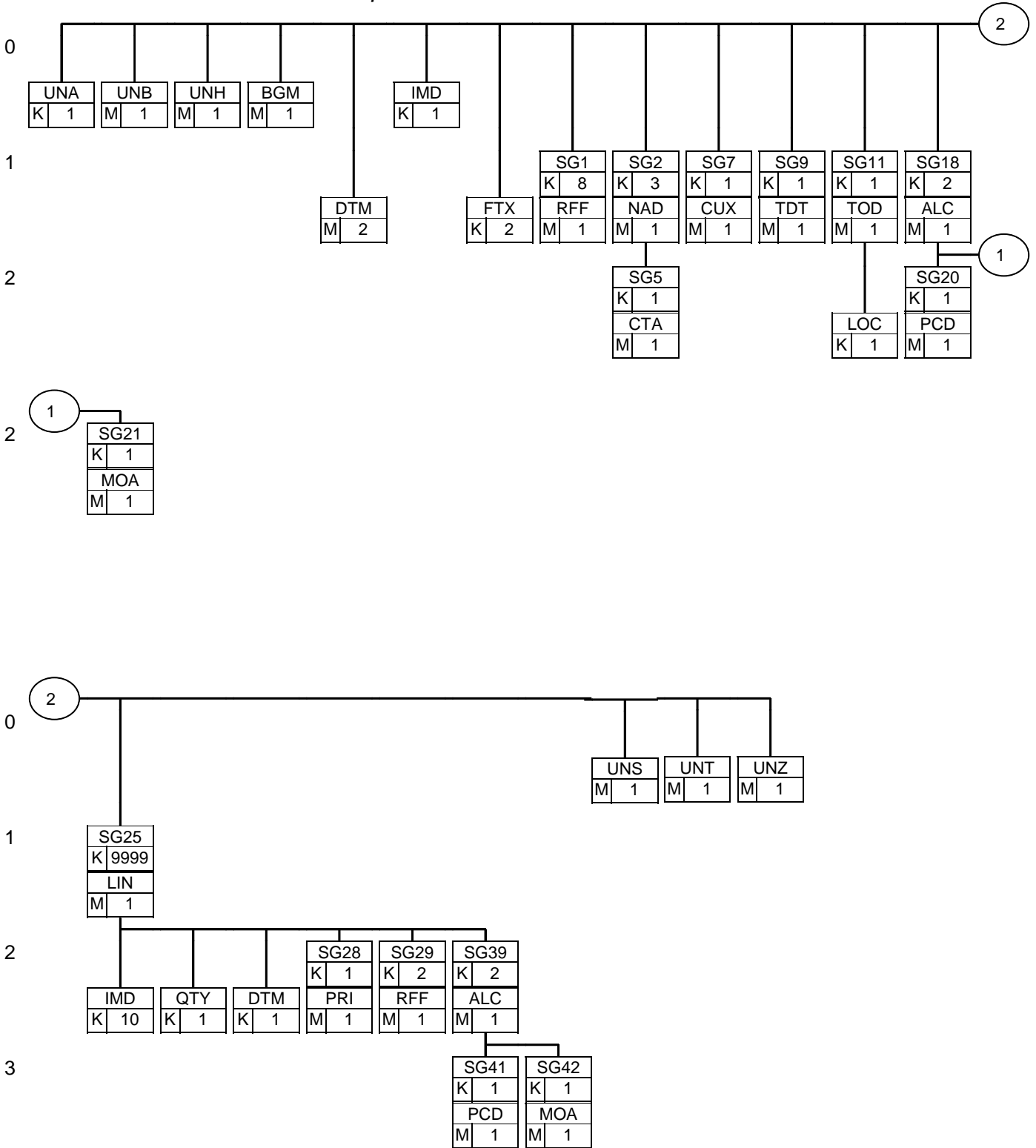
Paderborn, November 2010

2 Instructions for Usage



3 Message Structure Diagram

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



4 History

Alteration date	Segment	Alteration
30/11/2006	BGM C002 / 1001	Inclusion of the codes "YA8" Exceptional order warehouse (120) "YS8" Exceptional order collective order (447) "YK8" Exceptional order consignment (227)
29/09/2008	UNB/S002/0007	Inclusion of qualifier "14" Sender ILN
29/09/2008	UNB/S003/0007	Inclusion of qualifier "14" Recipient ILN
16/03/2009	SG5	Inclusion of communication addresses segment
05/07/2010	SG25	Inclusion of PIA segment for transmission of the article number generated for article variants
05/07/2010	SG25 / IMD	Inclusion of qualifier "GAT" for transmission of the article text generated for article variants
05/07/2010	SG 25 / IMD	Inclusion of qualifier "M" for transmission of the list of characteristics for article variants
05/07/2010	SG 25 / IMD	Repetition frequency increased to 99

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 will apply to all 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 indicator, 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><i>"UNOC"</i></td> <td><i>EDIFACT syntax version C</i></td> </tr> </table>	<i>"UNOC"</i>	<i>EDIFACT syntax version C</i>						
<i>"UNOC"</i>	<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><i>"3"</i></td> <td><i>EDIFACT syntax version 3</i></td> </tr> </table>	<i>"3"</i>	<i>EDIFACT syntax version 3</i>						
<i>"3"</i>	<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 1404"> <tr> <td><i>"52"</i></td> <td><i>Sender IBM/IE User</i></td> </tr> <tr> <td><i>"65"</i></td> <td><i>Sender Telebox400 User</i></td> </tr> <tr> <td><i>"ZZZ"</i></td> <td><i>Sender (other network operators)</i></td> </tr> <tr> <td><i>"14"</i></td> <td><i>Sender ILN</i></td> </tr> </table>	<i>"52"</i>	<i>Sender IBM/IE User</i>	<i>"65"</i>	<i>Sender Telebox400 User</i>	<i>"ZZZ"</i>	<i>Sender (other network operators)</i>	<i>"14"</i>	<i>Sender ILN</i>
<i>"52"</i>	<i>Sender IBM/IE User</i>										
<i>"65"</i>	<i>Sender Telebox400 User</i>										
<i>"ZZZ"</i>	<i>Sender (other network operators)</i>										
<i>"14"</i>	<i>Sender ILN</i>										
S003	M		RECIPIENT OF THE INTERCHANGE FILE								
0010	M	an..35	Recipient Designation <i>Recipient Identifier (e. g. identification number in Telebox400)</i>								

0007 K an..4 Recipient 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 "YYMMDD". (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/data 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 being 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 unambiguously. The EDITEC subset "Orders" is based on the message type "ORDERS".</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 being 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="488 808 1445 846"><tr><td>"ORDERS" Order</td></tr></table>	"ORDERS" Order
"ORDERS" Order				
0052	M	an..3	Version Number of the Message Type <i>Constant value:</i> <table border="1" data-bbox="488 972 1445 1010"><tr><td>"D" 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="488 1135 1445 1173"><tr><td>"96B" 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="488 1299 1445 1337"><tr><td>"UN" 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="488 1462 1445 1500"><tr><td>"ITEK35"</td></tr></table>	"ITEK35"
"ITEK35"				

BGM M 1 Beginning of the Message

In the BGM segment, the purpose and name of the message are defined.

Smallest orders may be collected throughout the day and then transferred in one single process of transmission (e. g. all orders as attachments of one mail), without suffering from any disadvantage as far as the conditions are concerned. Each of these singular orders will be marked as a collective order in the BGM. By using the REF segment, these orders will be linked by an additional number for the collective order. Even without the interpretation of this number, the conditions for the collectively transferred orders will apply.

C002 K DOCUMENT-/MESSAGE NAME

1001 K an..3 Document/Message Name, encoded

The following codes are available:

"120"	Order (stock order)
"220"	Customer order at the wholesaler's
"221"	Call-off order
"226"	Partial call-off order
"227"	Order on commission (only one customer commission per order)
"228"	Exhibition order
"126"	Third-party order
"YA8"	Exceptional order – warehouse (120)
"YS8"	Exceptional order – collective order (447)
"YK8"	Exceptional order – consignment (227)
"248"	Open purchase order quantity of the wholesale trade
"447"	Collective order; indicates an order as a collective order that will be transferred together with other orders of this collective order. The number for the collective order will be transferred in the RFF segment.

C106 K DOCUMENT/MESSAGE IDENTIFICATION

1004 K an..35 Document/Message Number

Order number of the wholesaler.

Implementation Note:

With the codes defined in the BGM segment, you indicate the type of your order. By means of these codes, the industry is able to specifically direct the automatic processing of your order data and secure the desired way of processing. The codes have the following meanings for the processing at the manufacturer's:

120	Order (stock order)	Via this code you mark your order as a stock order. This means that the order only contains articles intended for stock.
227	Order on commission	Via this code you mark your order as an order on commission. This means the order only contains articles that can be assigned to a commission.
228	Exhibition order	Via this code you mark your order as an exhibition order. This means the order only contains articles intended for the exhibition. Via these codes, the manufacturer is able to logistically separate stock orders and orders on commission, to pack them separately to the order and mark them accordingly.
220	Customer Order	Wholesaler
221	Call-off order	Via this code, call-off orders may be ordered at the manufacturer's.
226	Partial call-off order	Via this code, partial call-off orders from call-off orders may be executed.
126	Third-party order	Orders which shall be delivered directly to a plumber or to a building site and not to the address of the wholesaler can be placed via this code.
YA8	Exceptional order (stock orders 120)	In case of an exceptional stock order the order is taken out of automatic processing and placed in the work flow distribution indoor service at the manufacturer's. Usually, these orders contain especially negotiated conditions that the header texts have to point out. This way, also special orders referring to special offers can be transferred safely via EDIFACT. The special conditions are read from the header texts and can be adopted after verification.
YS8	Exceptional order (collective orders 447)	In case of an exceptional collective order (447) the order is taken out of automatic processing and placed in the work flow distribution indoor service at the manufacturer's. Usually, these orders contain especially negotiated conditions that the header texts have to point out. This way, also special orders referring to special offers can be transferred safely via EDIFACT. The special conditions are read from the header texts and can be adopted after verification.
YK8	Exceptional order (commission orders 227)	In case of an exceptional commission order (227) the order is taken out of automatic processing and placed in the work flow distribution indoor service at the manufacturer's. Usually, these orders contain especially negotiated conditions that the header texts have to point out. This way, also special orders referring to special offers can be transferred safely via EDIFACT. The special conditions are read from the header texts and can be adopted after verification.

447	Collective order	<p>Due to minimum order values, collective orders used to be collected throughout the day. In the evening, they were sent via facsimile as an collective order with a cover sheet.</p> <p>The code for collective orders was thus introduced to execute the same process via EDIFACT. In case of collective orders, small orders can still be collected throughout the day. Then, in the evening, they can be sent in an interchange file (not intermingled with other orders) via EDIFACT and the code "447". Each small order has its proper order number. The collective order number in the RFF segment serves as a mark of identification and also to encompass these orders. Only orders with a collective order number may be included in the interchange file.</p>
220	Customer order at the wholesaler's	<p>Here, within the framework of the LOGHIN process, the wholesaler is given the possibility to transfer his open customer orders to the manufacturer on a certain date for the purpose of information. See implementation guideline INVRPT.</p>
248	Open purchase order quantity of the wholesaler	<p>See Implementation Guideline INVRPT (LOGHIN process.)</p>

DTM M 2 Date/Time/Period Data
In the DTM segment at least the purchase order date has to be transferred. In addition, information concerning the desired date of delivery of the whole order may be given.

C507 M DATE/TIME/PERIOD DATA

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

"4"	Purchase order date
"2"	Delivery date
"17"	Fixed delivery date

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

2379 K an..3 Date/Time/Period Data, Format, Qualifier
The following codes are available:

"102"	YYYYMMDD
"616"	YYYYWW (week of delivery)
"203"	YYYYMMDDHHMM (year, month, day, hour, minute)

Implementation note:

The "delivery date" is defined as the date of the arrival of the goods. It is recommended to transfer the date in the format YYYYMMDD. The supplier is not bound to the delivery date stated in the order. The actual date of delivery is the date of the next tour or the date stated in the order acceptance.

IMD K 1 **Description of the Message**
*In the IMD segment an order may be marked as an express-
 and/or full delivery.*

7077 *IS NOT USED IN THE SUBSET.*

7081 *IS NOT USED IN THE SUBSET.*

C273 K **DESCRIPTION OF THE MESSAGE**

7009 K an..17 **Description of the line item**
The following codes are available:

"EL"	<i>Express delivery (fastest dispatch type sequence possible is preferred for processing)</i>
"VL"	<i>Full delivery (complete delivery)</i>
"EV"	<i>Express delivery & full delivery</i>

1131 *Is not used in the subset.*

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

"89"	<i>Administrative Organisation ITEK</i>
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Implementation Note:

EL	Express delivery	Orders marked EL will not be sent by the manufacturer with the next tour or stock delivery. Instead, they will be commissioned immediately and sent by the fastest dispatch type sequence (usually parcel service).
VL	Full delivery	The order will not be sent by the manufacturer unless the full quantity of all order items can be delivered.
EV	Express delivery & Full delivery	A combination of express delivery and full delivery applies here.

FTX K 2 Free Text

In the FTX segment an additional text concerning the order and a notification text for the forwarding agent may be transferred. If possible, this segment should not be used, since it necessitates a manual processing of the message.

4451 M an..3 TEXT, QUALIFIER

The following codes are available:

<i>"ORI"</i>	<i>Additional text concerning the order</i>
<i>"DIN"</i>	<i>Notification text for the forwarding agent</i>

Implementation Note:

ORI	Additional text concerning the order	<p>The processing of EDIFACT orders of the wholesale trade is usually executed fully automatically. This means that the free texts concerning the order are not registered when processing the order. For this reason, one should refrain from transmitting free order texts.</p> <p>These texts do only make sense in the case of special orders in combination with a YA8, YS8 or YK8 qualifier in the BGM segment. EDIFACT orders with a YA8, YS8 or YK8 qualifier are taken out of the automatic processing and placed in the work flow distribution indoor service. Here, the special conditions referred to in the free order text are read, verified and processed within the frame of the order in the manufacturer's system. The system is not permitted to delete free order texts. They have to be provided on the shipping documents.</p>
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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 1 K 8

This Segment Group contains the RFF segment and serves the referencing of documents and processes referring to the order.

RFF M 1 Reference Data

In the RFF segment, numbers concerning documents and processes that refer to the order are transferred.

C506 M REFERENCE DATA

1153 M an..3 Reference, Qualifier

The following codes are available:

<i>“ACE”</i>	<i>Supplier’s transaction number</i>
<i>“AEP”</i>	<i>Object number</i>
<i>“AFO”</i>	<i>Object designation (characters 1-30)</i>
<i>“AFP”</i>	<i>Object designation (characters 31-60)</i>
<i>“AAS”</i>	<i>Store number</i>
<i>“CO”</i>	<i>Number of the call-off order</i>
<i>“ZZZ”</i>	<i>Process has already been transferred</i>
<i>“ACD”</i>	<i>Additional reference, here: collective order number (see the related note in the BGM segment)</i>

If the store number (AAS) is transferred, the entry of a delivery address is not necessary. The store number has to be verified as well.

1154 K an..35 Reference number

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

Implementation Note:

AAS Store number	This qualifier serves the automatic consulting of the delivery address to such stores of the wholesaler’s that the manufacturer has created as pure goods recipients. The store number used here is defined by the wholesaler and is coordinated with the manufacturer for the purpose of allocating the address.
ACE Supplier’s transaction number AEP Object number AFO Object designation AFP Object designation CO Number of the call-off order	These codes serve the identification within the processing of object orders and call-off orders.

Segment Group 1 End

Segment Group 2 K 3

This segment group contains the NAD segment and segment group 5 and serves the indication of the partners and locations involved in 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 information.

3035 M an..3 PARTNERS, QUALIFIER

The following codes are available:

"SU"	Manufacturer (Industry)
"WS"	Wholesaler
"ST"	Delivery address (route)

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

Depending on the qualifier stated above, the identification number of the partner is stated 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 and 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.

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 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):

"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

Segment Group 5 K 1

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

CTA M 1 Communication Partner

In the CTA segment the name of the respective official in charge responsible for this message may be transferred for both sender and recipient.

3139 *IS NOT USED IN THE SUBSET.*

C056 K DATA ON THE DEPARTMENT OR THE OFFICIAL IN CHARGE

3413 *Is not used in the subset.*

3412 K to.35 Department or Official in Charge
Name of the official in charge responsible for the process.

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 order.

CUX M 1 Currency Data

*In the CUX segment data concerning currency units is transferred.
This data is required for international transactions.*

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

Constant value:

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

Segment Group 9 K 1

This segment group contains the TDT segment for the indication of transport data.

TDT M 1 Transport data
In the TDT segment, the desired mode of transportation for the complete order may be transferred.

8051 M an..3 TRANSPORT DATA, QUALIFIER
Constant value:

"13" <i>Transport</i>

8028 *IS NOT USED IN THE SUBSET.*

C220 K MODE OF TRANSPORTATION

8067 K an..3 Mode of Transportation, encoded
The following codes are available:

"1" <i>Sea freight</i>
"2" <i>Rail freight</i>
"21" <i>Express rail freight</i>
"22" <i>Wagon</i>
"3" <i>Street (truck/lorry)</i>
"30" <i>Forwarding agent</i>
"4" <i>Air freight</i>
"5" <i>Mail</i>
"50" <i>Parcel service</i>
"51" <i>Parcel express service</i>
"90" <i>Pickup</i>
"6" <i>Mixed</i>

Segment Group 9 End

Segment Group 11 K 1

This segment group contains the TOD and LOC segments and serves the indication of the terms of delivery.

TOD M 1 Terms of Delivery

In the TOD segment, the desired terms of delivery are transferred for the complete order.

4055 K an..3 TERMS OF DELIVERY REFERENCE, ENCODED

Constant value:

<i>"6" Postage</i>

4215

IS NOT USED IN THE SUBSET.

C100 K TERMS OF DELIVERY**4053 K an..3 Terms of Delivery, encoded**

The following codes are available:

<i>"CAF" cost and freight to destination</i>
<i>"DDP" delivery duty paid to destination</i>
<i>"DAF" delivered at German frontier, duty unpaid</i>
<i>"FCA" free carrier</i>
<i>"CAI" cost and insurance (not prepaid)</i>
<i>"ZZZ" mutually defined conditions</i>

LOC K 1 Location Data
In the LOC segment, data concerning the train station of destination may be transferred.

3227 M an..3 LOCATION DATA, QUALIFIER
Constant value:

"11" <i>Train station of destination</i>
--

C517 K LOCATION DATA

3225 K an..25 Location Data
 Indication of the train station of destination.

 1131 *Is not used in the subset.*

 3055 *Is not used in the subset.*

3224 K an..70 Location Data

Segment Group 11 End

Segment Group 18 **K** **2**

This segment group contains the ALC segment and the segment Groups 20 and 21. It serves the transmission of allowances and additional charges for the complete order.

ALC **M 1** Allowances and additional charges

In the ALC segment allowances and additional charges for the complete order may be transferred.

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:

"FI"	EURO value per order
"RAA"	Discount rate

In case that more than one code is used for the complete order, these have to be subtracted from or added to the net amount, in the indicated order.

EURO values are absolute, fixed values. They are taken into account at the final step of the chain calculation.

Segment Group 20 K 1

This segment group contains the PCD segment and serves the transfer of percentage rate data concerning the allowances and additional charges.

PCD M 1 Percentage Rate Data

In the PCD segment the percentage rate of the allowances and additional charges is transferred.

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

Constant value:

<i>“3” Percentage rate</i>

5482 K n..10 Percentage rate

The percentage rate is transferred with two digital fractions.

Implementation Note:

Usually, there are fixed arrangements between suppliers and wholesalers concerning prices and conditions. For this reason, many manufacturers will not read and not adopt the data concerning prices and conditions in your EDIFACT orders. Thus, the advice may be given here to do without the transfer of prices and conditions. This will also reduce the amount of data.

If the prices and conditions agreed upon for the current order vary from the fixed arrangements, they may be transferred with this segment in the form of an Exceptional Order (BGM / 002 / 1001 YA8, YS8, and YK8).

Segment Group 20 End

Segment Group 21 K 1

This segment group contains the MOA segment and serves the transfer of allowances and additional charges in terms of concrete/fixed amounts of money.

MOA M 1 Amount of Money
In the MOA segment, an amount of money may be transferred.

C516 M AMOUNT OF MONEY

5025 M an..3 Amount of Money, Qualifier
Constant value:

<p><i>“8” for amount of money</i></p>
--

5004 K n..18 Amount of Money
Additional allowance or charge with two decimal fractions.

Implementation Note:

Usually, there are fixed arrangements between suppliers and wholesalers concerning prices and conditions. For this reason, many manufacturers will not read and not adopt the data concerning prices and conditions in your EDIFACT orders. Thus, the advice may be given here to do without the transfer of prices and conditions. This will also reduce the amount of data.

If the prices and conditions agreed upon for the current order vary from the fixed arrangements, they may be transferred with this segment in the form of an Exceptional Order (BGM / 002 / 1001 YA8, YS8, and YK8).

Segment Group 21 End

Segment Group 18 End

Segment Group 25 K 9999

This segment group contains the segments LIN, IMD, QTY, DTM and the segment groups 28, 29, 39, 41 and 42. It serves the transfer of the line item data.

LIN M 1 Line Item Data

In the LIN segment the article number of an ordered article is transferred according to a successive line item number.

1082 K n..6 LINE ITEM NUMBER
Wholesaler's successive line item number.

1229 *IS NOT USED IN THE SUBSET.*

C212 K PRODUCT IDENTIFICATION

7140 K an..35 Goods Number / Service Number
Supplier's article number; if there is no article number, a textual specification follows in the segment "IMD". The data element group C212 is not transferred in this case.

7143 K an..3 Goods Number / 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" 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:*

"GA" Article number generated for article variants
--

1131 *Is not used in the subset.***3055** K an..3 Administrative Organisation, encoded*Constant value:*

"89" Administrative Organisation ITEK

C212 M PRODUCT IDENTIFICATION**7140** M an..35 Goods or Service Number*Supplier's article number***7143** M an..3 Goods or Service Number, encoded*The following codes are available:*

"GA" Article number generated for article variants
--

1131 *Is not used in the subset.***3055** K an..3 Administrative Organisation, encoded*Constant value:*

"89" Administrative Organisation ITEK

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:

"GA" <i>Article number generated for article variants</i>
--

1131 *Is not used in the subset.*

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

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

"GA" <i>Article number generated for article variants</i>
--

1131 *Is not used in the subset.*

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

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

"GA" <i>Article number generated for article variants</i>
--

1131 *Is not used in the subset.*

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

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

IMD K 10 Description of the Line Item
In the IMD segment, an additional text concerning the line item may be transferred.
If possible, no use should be made of this segment, since it necessitates a manual processing of the message.
An exception is made though of the transfer of the article text generated and the list of characteristics for article variants.

7077 *IS NOT USED IN THE SUBSET.*

7081 *IS NOT USED IN THE SUBSET.*

C273 K DESCRIPTION OF THE POSITION/LINE ITEM

7009 K an..17 Description of the Line Item

- Code "ZU" for an additional text referring to the line item:
This code is used if a verbal description of the 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 specifications of the article:
This code is used if there is no article number. The IMD segment may thereby 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.

- Code "GAT" for generated article text:
This code is used if generated article text for an article variant is transferred. The text is transferred in chunks of 35 characters each in the 7008 data elements.

- Code "M" for characteristics:
This code is used if the list of characteristics for an article variant is transferred. In this case, the characteristics ID is transferred in the first 7008 data element, and the characteristics value in the second 7008 data element.

1131 Is not used in the subset.

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

"89" *Administrative Organisation ITEK*

7008 K an..35 Description of the Line Item
Characters 1-35.

7008 K an..35 Description of the Line Item
Characters 36-40.

Implementation Note:

Usually, your orders will be processed automatically at the manufacturer's. This means that no articles may be transferred that do not have a definite article number, or no article number at all. Line items that do not have an article number, but a description of the line item, are not processed and confirmed by most manufacturers. For this reason, it is recommended to include the complete article master data in the enterprise resource planning at the wholesaler's. This would make it possible to do without the use of the IMD segment.

QTY K 1 Quantity
In the QTY segment the order quantities and the according unit of measurement are transferred.

C186 M QUANTITY DATA

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

<i>"12" for quantity</i>

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

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

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

Implementation Note:

The units of quantity should be consistent in the systems of wholesale trade and industry.

For this reason, a comparison of the article master data is strongly recommended before the processing of the EDIFACT order data transfer. As a wholesaler, you may use the industry portal www.shk-branchenportal.de to download the complete and up-to-date article master data of the HVAC industry, choosing from individual data formats and compilations. Thus, you may establish the necessary master data comparison.

Implementation note for sets of articles:

Definition: Set/Package = consists of several individually marketable components

Illustration: The set/package article number with the article numbers of the components is transferred by means of the qualifiers in the QTY segment:

- The set/package article number is marked by the wholesaler with the “SET” qualifier instead of the “PCE” qualifier.
- The set/package components are marked by the wholesaler with the “ZZZ” qualifier in the QTY segment. “ZZZ” is processed by the industry as an additional order instruction and will not result in a delivery.
- In the order confirmation/despatch advice the set/package article number is reported back by the industry also with the “SET” qualifier, and the one for the components also with the “ZZZ” qualifier.

DTM K 1 Date/Time/Period Data

In the DTM segment, data concerning singular line items that diverges from the head section in terms of the delivery date may be provided.

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

"2"	Delivery date
"17"	Fixed delivery date

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

Date, formatted as stated in data element 2379.

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

The following codes are available:

"102"	YYYYMMDD
"616"	YYYYWW (week of delivery)
"203"	YYYYMMDDHHMM (year, month, day, hour, minute)

Implementation Note:

The delivery date is defined as the date of the arrival of the goods. It is recommended to transfer the date of the day in the format YYYYMMTT. The delivery date stated in the order is not binding for the supplier. The date of the next tour or the date given in the order acceptance is taken as the delivery date.

Segment Group 28 K 1

This segment group contains the PRI segment and serves the transfer of prices.

PRI M 1 Price Data

In the PRI segment, prices are transferred if they differ from the general agreements.

C509 K PRICE INFORMATION**5125 M an..3 Price, Qualifier**

The following codes are available:

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

5118 K n..15 Price

Price of the article; two decimal fractions.

5375 Is not used in the subset.

5387 Is not used in the subset.

5284 K n..9 Price Basis per Unit

Quantity that the previously stated price and the measurement unit indicated in data element 6411 refer to. If, for example, the price refers to one piece, a "1" has to be transferred in this data element. In addition, the code PCE for "piece" will have to be transferred in data element 6411. The price basis has to be indicated as follows:

"1" = 1 unit
"10" = 10 units
"33" = 33 units
"100" = 100 units
etc.

6411 K an..3 Unit of Measurement, Qualifier

This data element is to be used only, if the price data refers to another unit of measurement than the quantity data of the order. The following codes are. 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

Implementation Note:

Usually, there are fixed arrangements between suppliers and wholesalers concerning prices and conditions. For this reason, many manufacturers will not read and not adopt the data concerning prices and conditions in your EDIFACT-orders. Thus, the advice may be given here to do without the transfer of prices and conditions. This will also reduce the amount of data.

If the prices and conditions agreed upon for the current order vary from the fixed arrangements, they may be transferred with this segment in terms of an Exceptional Order (BGM / 002 / 1001 YA8, YS8 and YK8).

Segment Group 28 End

Segment Group 29 K 2

This segment group contains the RFF segment and serves the referencing of a potential previous offer or contract.

RFF M 1 Reference Data

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

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

The following codes are available:

<i>"CO"</i>	<i>Number of the call-off order</i>
<i>"LI"</i>	<i>Supplier's current line item number</i>

1154 K an..35 Reference Number

Reference, as stated in data element 1153. The supplier's current line item number is only indicated if one is referring to a current offer.

Segment Group 29 End

Segment Group 39 K 2

This segment group contains the ALC segment and the segment groups 41 and 42. It serves the transfer of allowances and additional charges concerning the order line items.

ALC M 1 Allowances and additional charges

In the ALC segment allowances and additional charges concerning singular line items are transferred.

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

"FI"	EURO value per price unit
"RAA"	Discount rate

EURO values are absolute, fixed values. They are taken into account at the final step of the chain calculation.

Segment Group 41 K 1

This segment group contains the PCD segment and serves the transfer of percentage rates concerning the allowances and additional charges.

PCD M 1 Percentage Rate Data

In the PCD segment, the percentage rate concerning the allowances and additional charges is transferred.

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

Constant value:

<i>"3" Percentage rate</i>

5482 K n..10 Percentage Rate

The percentage rate is transferred with two decimal fractions.

Implementation Note:

Usually, there are fixed arrangements between suppliers and wholesalers concerning prices and conditions. For this reason, many manufacturers will not read and not adopt the data concerning prices and conditions in your EDIFACT orders. Thus, the advice may be given here to do without the transfer of prices and conditions. This will also reduce the amount of data.

If the prices and conditions agreed upon for the current order vary from the fixed arrangements, they may be transferred with this segment in terms of an Exceptional Order (BGM / 002 / 1001 YA8, YS8 and YK8).

Segment Group 41 End

Segment Group 42 K 1

This segment group contains the MOA segment and serves the transfer of allowances and additional charges as definite amounts of money.

MOA M 1 Amount of Money

In the MOA segment an additional charge or allowance is transferred as an amount of money.

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 charges and allowances; with two decimal fractions.

Implementation note:

Usually, there are fixed arrangements between suppliers and wholesalers concerning prices and conditions. For this reason, many manufacturers will not read and not adopt the data concerning prices and conditions in your EDIFACT orders. Thus, the advice may be given here to do without the transfer of prices and conditions. This will also reduce the amount of data.

If the prices and conditions agreed upon for the current order vary from the fixed arrangements, they may be transferred with this segment in terms of an Exceptional Order (BGM / 002 / 1001 YA8, YS8 and YK8).

Segment Group 42 End

Segment Group 39 End

Segment Group 25 End

UNS	M 1	<p>Section Control Segment</p> <p><i>The UNS segment is a service segment and marks the separation of line item and sum part.</i></p>		
0081	M a1	<p>SECTION DESIGNATION, ENCODED</p> <p><i>Constant value:</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">“S”</td> <td style="padding: 2px;"><i>Separation of position/line item- and sum part</i></td> </tr> </table>	“S”	<i>Separation of position/line item- and sum part</i>
“S”	<i>Separation of position/line item- and sum part</i>			
UNT	M 1	<p>Message End Segment</p> <p><i>In the UNT segment, the number of segments and a message reference number are transferred for the purpose of a plausibility verification.</i></p>		
0074	M n..6	<p>NUMBER OF SEGMENTS IN A MESSAGE</p> <p><i>Number of segments transferred with this message, including the segments UNH and UNT.</i></p>		
0062	M an..14	<p>MESSAGE REFERENCE NUMBER</p> <p><i>Here, the same reference number as in UNH / 0062 has to be entered. Upon receipt of message this number is compared to the entry in the UNH segment.</i></p>		
UNZ	M 1	<p>User Data End Segment</p> <p><i>In the UNZ segment a data exchange counter and a data exchange reference may be transferred.</i></p>		
0036	M n..6	<p>DATA EXCHANGE COUNTER</p> <p><i>Here, the number of messages is entered in the usage data frame UNB...UNZ.</i></p>		
0020	M an..14	<p>DATA EXCHANGE REFERENCE</p> <p><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 Segment UNH.</i></p>		