Electronic Order Exchange For Fitted Furniture

Agreements based on

EANCOM 97A

EANCOM-ORDERS (V1.52)
EANCOM-OSTRPT (V1.52)
EANCOM-ORDRSP (V1.52)
EANCOM-ORDCHG (V1.52)

Valid from 1st May 2007

Electronic Order Exchange Based on EANCOM

This document contains conventions for using the international EANCOM format for order processing and order responses for fitted furniture (particularly kitchen furnishings and equipment).

The conventions were developed within a working group, moderated by the Daten Competence Center e. V. (DCC - a registered society), comprised of representatives from kitchen equipment manufacturers and system providers.

Valid from 1st May 2007

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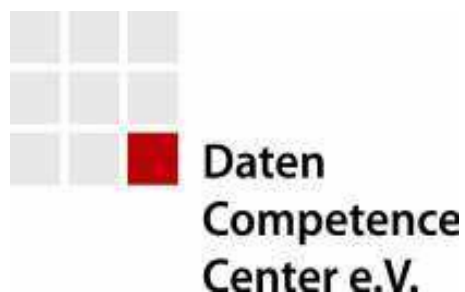
Introduction

The internationally standardised EANCOM format, whose syntax is documented on a CD-ROM that can be obtained from the which can be obtained via GS1 Germany (www.gs1-gemany.de) in Cologne, Germany, forms the basis for electronic data communication between retailers and manufacturers. "Message types" for a variety of business processes are defined on the CD-ROM, with *EANCOM-ORDERS* for orders*, OSTRPT* for confirmation of receipt*, EANCOM-ORDRSP* for order processing and *EANCOM-ORDCHG* for order changes being of particular interest.

The following document describes how the individual data elements are structured and defined in *EANCOM-ORDERS*, *EANCOM-OSTRPT*, *EANCOM-ORDRSP* and *EANCOM-ORDCHG*.
Reference is made to EANCOM 97A. Anything not explicitly defined in the document corresponds to the description in the EANCOM 97A standard.

The business content of an order is transmitted in a EANCOM file, the graphical content (coordinates, etc.) in a supplemental EDIGRAPH file.
The business content of the order is relevant for the order; the graphical content is relevant for planning.

As ruled in the conventions, exactly **one** EANCOM or EDIGRAPH file serves to transmit the order or confirmation data for exactly **one** commission.

General Structure

EANCOM files are pure ASCII files without any line breaks. The designated standard ASCII characters are used as delimiters, in accordance with the following table:

Symbol	ASCII Code	Meaning
´	39	End of EDI line
+	43	Separation between segment ID and data sets /data elements
:	58	Separation between the data elements of a set
.	46	Decimal point

The subsequent descriptions use the following notation to specify data elements and data element sets.

The name of the EDI segment appears first, whose exact syntax (field type, max. field length, etc.) can be found on the above-mentioned CD-ROM.

The used data set/data elements follow. A single four-character code (xxxx) references the data element xxxx, while the use of two four-character codes (yyyy,xxxx) references the data element xxxx within the data element set. The value of the data element comes next, with the variable value in the documentation represented in the <...> format. Constant values are indicated in the "..." format.

The FTX segments are restricted compared to EANCOM 97A. A maximum of 99 FTX segments with one text line of up to 70 characters respectively can be transmitted.
This restriction of the FTX segments applies to all agreed message types.

Sequence of segments:

The sequence for all EDI documents basically is to be supplied in the sequence defined in EANCOM 97A.

ORDERS

EANCOM-ORDERS

Orders: EANCOM-ORDERS

Structure of an EDI Order in EANCOM-ORDERS Format

UNA   { Delimiter Definition }

UNB   { Header of EDI file }

  UNH   { Header of message }

    BGM   { Beginning of message, definition of order number, etc. }
    DTM   { Date Field - Workflow Relevant Data }
    FTX   { Supplementary data on commission level }
    RFF   { Commission Data (number or name) }

    NAD   { Identification of involved parties (name/address) }
      CTA   { Information on contact person for this party }
      COM   { Information about accessing contact partner, e.g. fax / telephone }

    LIN   { Beginning of new position }
      PIA   { More detailed item specifications: variant information, etc. }
      IMD   { Article Description }
      MEA   { Article measurements for measure-dependent articles }
      QTY   { Order Quantity }
      FTX   { Supplementary data on position level }
      RFF   { Reference Numbers }

  UNS   { Delimitation between position and footer }

  UNT   { End of message }

UNZ   { End of EDI file }

Specification of Individual EANCOM Segments for an Order (EANCOM-ORDERS)

The following segments in the header of an EDI message contain basic standardisation conventions and are mandatory.

UNA   "+.? ´"

UNB

S001,0001	"UNOC"
S001,0002	"3"
S002,0004	\<Sender ID, e.g. trading company\>
S003,0010	\<Recipient ID (IDM Manufacturer ID or ILN)\>
S004,0017	\<Message Creation Date (Format: YYMMDD)\>
S004,0019	\<Message Creation Time (Format: SSMM)\>
0020	\<Unique reference number of EDI file\>
0026	\<Name and Version number of transmitting system\>
0032	\<Version of order data format: "EANCOM_ORDER_ V1.52 "\>
0035	\<Indication whether this is a test message (1=Test)\>

Note: Just transmitting the name of the planning system which is to be sent is not sufficient, the current version number of the system must also be transmitted.

Important: Basically, the name and the version number of the **last sending system** are to be communicated.

UNH

0062	\<Unique reference number of EDI message\>
S009,0065	"ORDERS"
S009,0052	"D"
S009,0054	"97A "
S009,0051	"UN"
S009,0057	"EAN007"

The content section of the EDI message starts here:

The next two segments are mandatory:

BGM

	C002,1001	"220"	(Document Type = Order)
or	C002,1001	"226"	(Document Type = Call Order)
or	C002,1001	"224"	(Document typ = Rush order)
	1004		\<Job or Order Number\>
	1225	"9"	(Original)

DTM

C507,2005	"137"	(Document Date)
C507,2380	\<Date\>	
C507,2379	"102"	(Date Format = YYYYMMD)

The document date specified in this segment is identical to the date information in the UNB segment.

With an order (see BGM segment), up to two additional DTM segments with the requested delivery date then follow; with a job order, the following DTM segments are optional.

DTM

	C507,2005	"2"	(Date Type = Delivery Date, exact)
or	C507,2005	"63"	(Date Type = Delivery Date, latest)
or	C507,2005	"64"	(Date Type = Delivery Date, earliest)
	C507,2380	<Delivery Date>	
	C507,2379	"102"	(Date Format = YYYYMMDD)
or	C507,2379	"616"	(Date Format = YYYYWW, Calendar Week)

Date type "2" specifies that delivery should take place exactly on the requested delivery date or within the specified delivery week.

Date type "63", on the other hand, indicates that delivery should take place no later than the specified date; delivery can take place earlier, however. Date type "64" states that the delivery should not be made before the given date.

Data types "63" and "64" enable specification of a delivery period, either as a delivery week ("616") or a delivery date ("102").

Optionally, in <u>addition</u> to the date of delivey, a date can be communicated on which the assemby/installation by the supplier is to take place. This information must be provided when the manufacturer is directly involved in the assemby/installation, e.g. in the case of model kitchens.

DTM

	C507,2005	"18"	(date type = installation date)
	C507,2380	<assembly/installation date >	
	C507,2379	"102"	(date format = YYYMMDD)
or	C507,2379	"616"	(date format = YYYWW, calendar week)

If additional files are to be sent to the manufacturer along with the EANCOM file, they have to be described in the following segment:

FTX

4451	"ZZZ"	
C108,4440	<File Information>	
3453	<Language according to ISO code, e.g. DE>	

The <File Information> field consists of the following components, each delimited by a semicolon:

<File Information>=<File Type>;<File Format>;<File Name>;<File Description>

File Type

1	EDIGRAPH
11	Floor Plan
21	Wall/Front View
22	Tile Plan
23	Installation Plan
31	Perspective
41	Base Sketch
42	Work Top Drawing
43	WAP Drawing
44	Light Pelmet Sketch
45	Cornice Sketch
46	Garret Sketch
99	Other

File Format

1	EDIGRAPH
11	JPEG
12	HPGL2
13	CIMGRAPH (only after bilateral agreement between sender and recipient)
50	PDF

Generally, electronic orders with EDIGRAPH file must also include a ground plan in the above formats (11,12,13,50). It is also recommended that extra relevant wall views of the plans are also transmitted.

File Name
The file name, including extension , may not exceed 30 characters.

Permitted characters: A-Z, 0-9, -, _

File Description
Maximum 30-character file description in plain text.
Example: "Front View, Wall 1", " Bird's-eye View"

Free text can be optionally sent for the entire commission (max. 99 lines, 70 characters per line). The use of free text, however, means that the order cannot be processed without the interaction of a user. However, it is not permitted to misuse free text to send information that can be transmitted in structured form in other EDI segments.

FTX

4451	"AAI"
C108,4440	\<Text\>
3453	\<Language according to ISO code, e.g. DE\>

The commission information comes next:

RFF

C506,1153	"CR"
C506,1154	\<Commission Number, e.g. "4711/01"\>

RFF

C506,1153	"UC"
C506,1154	\<Commission Name, e.g.. "Mueller"\>

Entering a commission number (C506,1153="CR") is mandatory, while the commission name (C506,1153="UC") is optional.

The structure of the commission name is not subject to any rules and can be freely selected by the transmitting system. If the transmitting system uses the segment only for transmitting the commission number, it can also contain the commission name, e.g.. "4711/01, Mueller".

A clear reference number must be provided, which throughout identifies an order process. As a rule, this is the commissioning number "CR".

Upon receipt of the order response (EANCOM-ORDRSP), the manufacturer system expects the commission number (C506,1153="CR") to be retransmitted unchanged, so that the order and order response are reciprocally assigned in a unique manner.

If a supplier sales contract number has already also been transmitted to the dealer by means of the messages EANCOM-OSTRPT or EANCOM-ORDRSP, this is also sent back for secure communication.

RFF

      C506,1153   "VN"
      C506,1154   <Order number, e.g. "12345/67">

If this is a follow-up sales contract, the commissioning number of the original sales contract must also be transmitted as reference.

RFF

      C506,1153   "ON"
      C506,1154   <Commissioning number of the original sales contract, e.g. "4711/00">

Optionally, a sales contract number can be issued:

RFF

      C506,1153   "CT"
      C506,1154   <Sales Contract Number>

In order to identify orders, which vary from a standard order, e.g. property/project-related orders, model kitchens or pickup orders, providing the <order type> is mandatory:

RFF

      C506,1153   "ZZZ"
      C506,1154   <Order type, f.ex.: object-/project related order/model kitchen>

Code	Meaning
001	Object-/Project order
002	Model kitchen order
003	Pickup order

For special orders (property/projects/orders, model kitchens) other optional information, such as the <basic contract number> etc. can be communicated.
Special orders exclusively are considered orders with order type 001 and 002.

RFF

  C506,1153 "BO"

  C506,1154 <Basic agreement number, e.g.: "Property no./model kitchen no.">

This information may be sent only if the values 001 or 002 were communicated as order type (RFF+ZZZ).

If the order in question is a sub-order within a large business transaction, the number of the overall order can be communicated. For example, in the case of a basic agreement, this would be the basic agreement/ basic agreement order number.

In the case of model kitchen planning with several kitchens, the main planning number (and/or analog identification) is communicated.

If this segment is supplied, the segment RFF+AAO described in the following must be supplied:

RFF

  C506,1153 "AAO"

  C506,1154 <"Property no./model kitchen no.">

The number of the projects/property number or the model kitchen will be communicated with (AAO).

This information refers to the aforesaid RFF+BO segment and represents a clear subdivision.

This segment may be supplied only if the RFF+BO segment was supplied.

With project/property orders the project/property number is communicated.
With model kitchen planning with several kitchens the model kitchen number is communicated.

With (ACD) the identification of the building/flat or the number of the berth of a modedl kitchen.

RFF

  C506,1153 "ACD"

  C506,1154 < building/flat /berth no.>

This is an additional reference to RFF+AAO. This segment may be supplied only if the RFF+AAO segment was supplied as well.

With property orders, for example ,the flat number and/or building number can be communicated.

With model kitchen planning involving sevferal kitchens, the berth number is communicated with this segment.

With model kitchen planning segment it may be necessary to assign the order to a specific dealership branch.
This ocurs in the segment described in the following.

RFF
    C506,1153   "SD"
    C506,1154   <Branch no.>

With (SD) the identification of the branch is commuicated in which the model kitchen is to be installed.

This segment may be communicated only in the case of a model kitchen order.
This segment may be supplid only if the RFF+AAO segment was supplied as well.

Example for model kitchens:

Basic agreement number (BO)	=	"RAN-LU-2007-286"
Model kitchen number (AAO)	=	"MK-LU-012007-22"
Berth number (ACD)	=	"MK-LU-012007-22-8"
Branch number (SD)	=	"LU-WI076"

Example for property/project order:

Basic agreement number (BO)	=	"APO4711"
Property/project number (AAO)	=	"Wohnpark Südhang"
Building numberr (ACD)	=	"A26"

The supplier's address has to be specified next (mandatory):

There are two variants for sending the supplier's information, depending on whether or not the supplier has an ILN (International Location Number). The ILN is assigned by the EAN. It is issued only once world-wide, thus uniquely identifying the addressee. If the supplier does not have an ILN, the IDM manufacturer ID is used instead.

With all possible NAD segments of the present news types, the sections *Name/Name1*, *Street*, *Place*, and *Postal Code* as <u>compulsory information</u> are mandatolry.

Variant 1:

NAD

3035	"SU"	Address Identifier (SU = Supplier)
C082,3039	<Supplier ILN>	
C082,3055	"9"	
C080,3036	<Name 1>	
C080,3036	<Name 2>	
C059,3042	<Street>	
3164	<City>	
3251	<Postal Code>	
3207	<Country according to ISO code, e.g. DE for Germany>	

Variant 2:

NAD

3035	"SU"	Address Identifier (SU = Supplier)
C082,3039	<Supplier's IDM Manufacturer ID>	
C082,3055	"91"	
C080,3036	<Name 1>	
C080,3036	<Name 2>	
C059,3042	<Street>	
3164	<City>	
3251	<Postal Code>	
3207	<Country according to ISO code, e.g. DE for Germany>	

The retailer's address follows (mandatory):

NAD

3035	"BY"	Address Identifier (BY = Buyer)
C082,3039	<Retailer's customer number assigned by supplier>	
C082,3055	"91"	
C080,3036	<Name>	
C059,3042	<Street>	
3164	<City>	
3251	<Postal Code>	
3207	<Country according to ISO code, e.g. DE for Germany>	

<u>Notis:</u> The "dealer's customer number with the supplier" is **<u>mandatory</u>**:

The other **<u>optional</u>** NAD segments correspond to the above (BY) with the following exceptions:

If the delivery address **<u>differs</u>** from the purchaser address (BY), another NAD segment (DP) is mandatory:

If a supplier address **<u>different</u>** from the buyer address is to be transmitted, another NAD segment is added, corresponding to a large extent to the one above, with the following exception:

NAD

3035	"DP"	Address Identifier (DP = Delivery Address)

By means of the following address under the codierung "AB" the sender (UNB segment) identifies himself as the buyer's agent/represemtative (BY):

NAD

3035	"AB"	Important addresse: AB = Agent (order on behalf of the buyer (BY))

This segment is mandatory, if the sender (UNB segment) and the buyer (NAD+BY) are not identical.

This address has no effect on regulations in terms of delivey address and can no longer be used as delivery address.

The following address unter der coding "MA" is communicated only if the assemly/installation is carried out by the producer.

NAD

 3035 "MA" Meaning of the address: (MA = installation address)

This an additional address and replaces and replaces none of the above addresses.
This address has no effect on regulations in terms of delivey address and can no longer be used as delivery address.

In addition to the NAD segments described above, information on contact persons and their contact details can also be specified (immediately following the respective NAD segment).

In the CTA+OC segment a general contact is named for all questikons relating to the order.

CTA

3139	"OC"	
C056,3412	<Name of Contact Person>	

In order to guarantee that this info will be communicated, the CTA segment with "**OC**" is mandatory for the NAD segment „**BY**".

Optionally, for further identification of <u>additional contacts</u> four additional CTA segments with the same "ODP" ID are allowed. The 3413 content is negotiated bilaterally.

Max. 5 (1 + 4) CTA segments per NAD segment are allowed

CTA

3139	"ODP"	(max. 4 times (optional))
C056,3413	<Identification (bilateral agreement)>	
C056,3412	<Name and function>	

COM

C076,3148	<Telephone Number of Contact Person>
C076,3155	"TE"

COM

C076,3148	<Fax Number of Contact Person>
C076,3155	"FX"

COM

C076,3148	<E-mail Address of Contact Person>
C076,3155	"EM"

If the **contact has several telephone numbers,** several COM segments with the same "TE" qualifier can be supplied. There may be a total number of max. five COM segments.

The data segments on the position level start now:

Header Data (Variants)

If the recipient of the EANCOM message is a wood supplier, the information on the commission header data is specified now (programme or variants).
Here, a standard header is defined first, the specifications of which will apply to all subsequently transmitted supplier articles. <u>Any and all</u> articles deviating from this standard header are transmitted on a position level and <u>overwrite</u> the information specified in the standard header.

Notice: Variantens may occur and be communicated only **once**.
           If **combined variants** are created in the IDM data and if these are relevant to orders, their communication is mandatory.

LIN

1082	<Consecutive number, beginning with 1>
C212,7140	"SPECIFICATION"
C212,7143	"MF"
1222	"0"

The actual information specified in the standard header is transmitted in PIA segments. Since the number of PIA segments in the EANCOM format is currently limited to 25, it has been stipulated that the order format and the formats based on it (e.g. order response) will be able to transmit more than 25 segments. In addition, it has also been stipulated that only the <u>first</u> data element set "C212" will be used in the PIA segments.

PIA

4347	"5"
C212,7140	<Supplier's IDM Manufacturer ID from IDM Data Record Type 100>
C212,7143	"36"
C212,3055	"91"

PIA

4347	"5"
C212,7140	<Serial Number No. from IDM Data Record Type 200>
C212,7143	"18"
C212,3055	"91"

PIA

4347	"5"
C212,7140	<Catalogue ID>
C212,7143	"AA"
C212,3055	"91"

The catalogue ID consists of several IDM data record type 100 fields; each field is delimited by a semicolon:

<Catalogue ID>=<Product Brand>;<Catalogue Number>;<Data Version>;<Data version in the planning system>

Notice: The <Data version in the planning system> field may be filled with **max. 11 digits**. The informationn the <Data Version> field must <u>originally come from IDM data</u> (**without points**).

Example: Product Brand "4", Catalogue Number "02/2006", Data Version "13-01-2006"
data version in the planning system "13.01.2006"
Catalogue ID = "4;02/2006;13012006;2006.1A"

The program is transmitted in a PIA segment:

PIA

4347	"5"
C212,7140	\<Prg key (C5) + Prg name (C30) from IDM Data Record Type 210>
C212,7143	"1"
C212,3055	"91"

The selected variants are also transmitted in a PIA segment

PIA

4347	"5"
C212,7140	\<VA Key (C5) + VA Text (C30) from IDM Data Record Type 260>
C212,7143	\<Variant Type from IDM Data Record Type 250>
C212,3055	"91"

One exception is variant type 402 (Base Height), which in field C212,7140 does not transmit the variant from IDM Data Record Type 260, but the actual base height in mm.

PIA

4347	"5"
C212,7140	\<Base height in mm, <u>without</u> fractional digits >
C212,7143	"402"
C212,3055	"92"

The articles are subsequently transmitted in single LIN segments:

LIN

1082		\<Consecutive Number\>
C212,7140		\<EAN number of article, if available, otherwise empty\>
C212,7143	"EN"	EAN number if available, otherwise empty
1222		\<Main Position/Sub-position Level\>

In field 1222, all main positions are specified with the value 1; sub-position, the value 2; sub-sub positions, value 3, etc.
If the order contains a block, it is recommended that this is transmitted as the first article.

If the article is within a series that deviates from the standard header, this deviation must also be transmitted for a unique article description.

If the article is an **external article**, i.e. one that is neither manufactured by nor ordered from this supplier, but that is important for correct processing (e.g. fitted stove), the supplier and series to which the article is assigned has to be entered.

Manufacturer/Series

PIA

4347	"5"
C212,7140	\<External Supplier's IDM Manufacturer ID\>
C212,7143	"36"
C212,3055	"91"

PIA

4347	"5"
C212,7140	\<Serial Number of External Supplier respectively of supplier when deviating from standard header\>
C212,7143	"18"
C212,3055	"91"

In addition to the EAN number that may have been transmitted in the LIN segment, the order type now follows for all articles (mandatory):

PIA

4347	"5"
C212,7140	\<Type from IDM Data Record Type 400\>
C212,7143	"SA"
C212,3055	"91"

For <u>non-order relevant supplier articles</u>, the value "SA" should be entered into field C212,7143. In general, all articles contained in an order are order relevant. Exceptions include, e.g., articles that are already available at the end customer and are thus not ordered, but are transmitted for correct generation of length-dependent articles.

By definition, external articles (see above) are never order-relevant, regardless of the value of field C212,7143.

If an EDP number for the article has been assigned in the manufacturer IDM data, it is subsequently specified in an additional PIA segment.

PIA

4347	"5"
C212,7140	\<EDP Number from IDM Data Record Type 400\>
C212,7143	"MF"
C212,3055	"91"

With articles having a hinge value, that value then follows:

PIA

4347	"1"
C212,7140	\<L/R/M\>
C212,7143	"6"
C212,3055	"91"

With articles of a certain construction type, the construction type comes next:

PIA

4347	"1"
C212,7140	\<L/R\>
C212,7143	"67"
C212,3055	"91"

All deviations from the standard header (regardless of whether it concerns explanations or extra charges) follow analogous to the PIA segment of the standard header:

PIA

4347	"1"
C212,7140	<VA Key (C5) + VA Text (C30) from IDM Data Record Type 260>
C212,7143	<Variant Type from IDM Data Record Type 250>
C212,3055	"91"

Deviations in catalogue ID, programme or base height can also be on the position level of the pertinent PIA segments, which correspond to those used in the standard header definitions.

Subsequent transmission of the short text about the article from the IDM master data is optional:

IMD

7077	"F"
C273,7008	<1st line of short text from IDM data record type 410>
C273,7008	<2nd line of short text from IDM data record type 410>

When ordering from a manufacturer, it is only practical to transmit article texts for external articles, not for the manufacturer's own articles.
Order-relevant texts have to be transmitted via the FTX segment, which will be described later in the following, since the manufacturer is not required to process the IDM segments.

The article's measurements can now be specified (optional):

MEA

6311	"AAE"	(Measure Type = Measurements)
C502,6313	<Coding in accordance with the following table>	
C174,6411	"MMT"	(Unit of Measurement = Millimetre)
C174,6314	<Measurements>	

WD	Width
DP	Depth
HT	Height

It is mandatory to transmit those dimensions defined as required based on the price type from IDM data record type 150. In the case of measurement changes for an article, only the changed measures are transmitted. The transmitted measures are the order measurements of the article.

The article quantity has to transmitted next:

QTY

C186,6063	"21"	(Type of Quantity Specification = Delivery Quantity)
C186,6060	\<Quantity\>	(<u>without</u> fractional digits)
C186,6411	"PCE"	(Quantity Unit = Piece)

The \<quantity\> must always be supplied <u>without</u> fractional digits, e.g. QTY+21:1:PCE'

For graphically relevant articles (i.e. articles that are also specified in the EDIGRAPH file), the quantity should always be set to 1 piece. Only those articles that are not graphically relevant are permitted to be transmitted with a quantity other than 1 piece.

Articles whose width, surface area or volume have been calculated are also ordered in the "piece" quantity unit; the respective dimensions are transmitted in the MEA segments described above.

Free text can be optionally sent for a position (max. 99 lines, 70 characters per line). The use of free text, however, means that the order cannot be processed without the interaction of a user. <u>However, it is not permitted to misuse free text to send information that can be transmitted in structured form in other EDI segments.</u>

FTX

4451	"LIN"	
C108,4440	\<Text\>	
3453	\<ISO code for language used, e.g. "DE"\>	

Now, it is mandatory to enter a specification that serves to uniquely reference an article:

RFF

     C506,1153   "LI"

     C506,1154   <Reference Number>

<u>The reference number is assigned by the retailer software. It is a unique number that remains the same throughout the entire duration of the order. Once a number has been assigned, it is never reassigned again, even after the article has been deleted. The number serves to uniquely identify each article during the entire course of the order cycle (order, order change, order response). In addition, the number creates a unique reference to the positions in the EDIGRAPH file.</u>

Additional reference numbers can also follow (optional):

RFF

     C506,1153   "ON"

     C506,1154   <Planning System Position Number>

This number corresponds to the numbering of the positions in the manufacturer's planning system.
Example: "1.0", "5.1" or "9.1.2"

RFF

     C506,1153   "ACD"

     C506,1154   <Merchandise Management Number>

This number corresponds to the position numbers in the manufacturer's merchandise management system.
Example: "1.0", "5.1" or "9.1.2"

<u>To ensure that an order position is uniquely referenced, each of the above reference numbers - provided a number has been specified for an article in the order - have to be returned with the corresponding order position by the manufacturer when transmitting the order response via EANCOM-ORDRSP.</u>

With this, the position section of the EDI message ends and the final mandatory segments come next:

UNS

    0081   "S"

UNT

    0074   <Number of segments between UNH and UNT, inclusive>
    0062   <Identical to UNH 0062>

UNZ

    0036   <Number of messages within the EDI file, currently always 1>
    0020   <Identical to UNB 0020>

Order Transmission Medium

The e-mail medium is used for transmitting an order from the retailer to the manufacturer, since it represents the most widespread and at the same time most economical solution.

In order to enable sent e-mails to be automatically processed on both sides, the structure of the e-mail has to comply with the following conventions:

- An e-mail always contains exactly one order of a commission for exactly one supplier.

- The necessary data (EANCOM, optional EDIGRAPH and sketches) are compressed into a ZIP file having the name "ORDER.ZIP". This ZIP file is the only attachment to the e-mail.

- The EANCOM file within this ZIP file is always named "ORDER.EDI". The file names of optional files can be taken from the corresponding EDI segments within the EANCOM file.

- The subject line of the e-mail has the following structure, with the elements listed in the pointed brackets being optional:
  EDI ORDER <Customer No.> <Commission No.> <Retailer Software System Name>

- The e-mail text is optional and only serves as an overview, e.g. for archiving. For practical reasons, the text should contain the retailer's address, including the customer number and commission information as well as an overview of the file attachment.
  Under no circumstances is the text permitted to contain order-relevant information that is not also contained in the EANCOM file, since the text is not evaluated by the recipient during automatic processing of the e-mail.

Read Receipt for Order

EANCOM-OSTRPT

Read Receipt for Order: EANCOM-OSTRPT

It is important for retailers to receive a brief read receipt for an order transmitted via e-mail, especially if the order response is not sent immediately and in due time.

The read receipt assures the retailer that the e-mail has been received by the manufacturer and is being processed there.

For practical reasons, the read receipt to the retailer should contain an order or reference number that the retailer can refer to in subsequent business processes.

Structure of EDI Read Receipt in EANCOM-OSTRPT Format

UNA   { Delimiter Definition }

UNB   { Header of EDI File }

  UNH   { Header of Message }

    BGM   { Beginning of message, definition of order number, etc. }
    DTM   { Date Field - Workflow Relevant Data }
    FTX   { Supplementary data on commission level }
    RFF   { Commission data (number or name) }

    NAD   { Identification of involved parties (name/address) }
      CTA   { Information on contact person for this party }
      COM   { Information about accessing contact partner, e.g. fax / telephone }

  UNS   { Delimitation between position and footer }

  UNT   { End of message }

UNZ   { End of EDI file }

Specification of Individual EANCOM Segments for a Read Receipt (EANCOM-OSTRPT)

The following segments in the header of an EDI message contain basic standardisation conventions and are mandatory.

UNA   "+.? ´"

UNB

S001,0001	"UNOC"
S001,0002	"3"
S002,0004	<Sender ID, (IDM Manufacturer ID or ILN)>
S003,0010	<Recipient ID>
S004,0017	<Message Creation Date (Format: YYMMDD)>
S004,0019	<Message Creation Time (Format: SSMM)>
0020	<Unique reference number of EDI file>
0026	<Version number of transmitting system>
0032	<Version of order data format: "EANCOM_OSTRPT_ V1.52 ">
0035	<Indication whether this is a test message (1=Test)>

UNH

0062	<Unique reference number of EDI message>
S009,0065	"OSTRPT"
S009,0052	"D"
S009,0054	"97A "
S009,0051	"UN"

The content section of the EDI message starts here:

The next two segments are mandatory:

BGM

C002,1001	"348"	(Document Type = Order Status Report)
1004	<Order Number>	
1225	"6"	(Response)

DTM

C507,2005	"137"	(Document Date)
C507,2380	<Date>	
C507,2379	"102"	(Date Format = YYYYMMDD)

The document date specified in this segment is identical to the date information in the UNB segment.

Optionally, the **delivery date** can be specified by the supplier in the order read receipt. The **DTM** segments that have been described for orders apply here as well.

Furthermore, a date by which an order can be changed can optionally be communicated. This, however, is non-binding information.

DTM

C507,2005	"334"	(Date type = status change)
C507,2380	<Date by which change can be made>	
C507,2379	"102"	(Date format = YYYYMMDD)

The retailer can enter free text (max. 99 lines, 70 characters per line) to send information about the status of his/her order.

FTX

4451	"AAI"
C108,4440	<Text>
3453	<Language according to ISO code, e.g. DE>

The commission information comes next:

RFF

     C506,1153   "CR"

     C506,1154   <Commission Number, e.g. "4711/01">

For other RFF segments, refer to EANCOM-ORDERS.

In addition to the RFF segment "CR" as mandatory information, all other commission data contained in the order (EANCOM-ORDERS) must beforwarded.

Important: When dispatching the read receipt for order (EANCOM-OSTRPT) it is expected by the manufacturer system that ALL commission information from the order will be re-transmitted. Clear allocation between order and notice of receipt is only given by this procedure !
In this process, the used commission information shall exactly correspond to those specified by the dealer for the order (EANCOM-ORDERS) in the corresponding RFF-segments. Any additions or changes of the commission information from the order are not allowed !

The order number assigned by the manufacturer is optionally indicated in a further **RFF**-segment. However, the transmitted number shall be the supplier's **final** order number that will also be used on the subsequent order confirmation.

RFF

     C506,1153   "VN"

     C506,1154   <Order Number, "12345/67">

Both the **supplier's address** and the **retailer's address,** and if contained in the order, the **Agent's address** have to be specified next (mandatory):

The structure of the corresponding **NAD** segments, "NAD+SU" and "NAD+BY" and „NAD+AB" is identical to the segments in EANCOM-ORDERS. However, the "NAD+DP" segment for the supplier address is **not** used.

Information on contact persons (in the **CTA** segment) and their contact details (in **COM** segments) can also be specified in each of the **NAD** segments described above (immediately following the respective **NAD** segment). Here as well, the corresponding segments are identical to those in EANCOM-ORDERS.

With this, the position section of the EDI message ends and the following final mandatory segments come next:

UNS
  0081   "S"

UNT
  0074   <Number of segments between UNH and UNT, inclusive.>
  0062   <Identical to UNH 0062>

UNZ
  0036   <Number of messages within the EDI file, currently always 1>
  0020   <Identical to UNB 0020>

Read Receipt Transmission Medium

The e-mail medium is also used for transmitting a read receipt from the manufacturer to the retailer.

In order to enable sent e-mails to be automatically processed on both sides, the structure of the e-mail has to comply with the following conventions:

- An e-mail always contains exactly one read receipt of an order for exactly one supplier.

- The necessary EANCOM file is compressed into a ZIP file having the name "OSTRPT.ZIP". This ZIP file is the only attachment to the e-mail.

- The EANCOM file within this ZIP file is always named "OSTRPT.EDI".

- The subject line of the e-mail has the following structure, with the elements listed in the pointed brackets being optional:
    EDI-OSTRPT <Supplier> <Commission No.>

- The e-mail text is optional and only serves as an overview, e.g. for archiving. For practical reasons, the text should contain the supplier address and the commission information. **<u>Under no circumstances is the text permitted to contain additional information that is not also contained in the EANCOM file, since the text is not evaluated by the recipient during automatic processing of the e-mail</u>**.

Order Response

EANCOM-ORDRSP

Order Response: EANCOM-ORDRSP

The order response is a response from the manufacturer to an order sent by the retailer. The EANCOM-ORDRSP format is used for this, which, simply put, corresponds to the order format with prices added.

Within the fitted kitchen furniture industry, however, the "block clearing" and "discounts" aspects have to be taken into account.

Since many of the EDI segments used in the order response are identical with those of the order, those segment descriptions are not repeated in this segment, instead, the corresponding EANCOM-ORDERS section are referenced.

In general, the retailer's software system automatically compares the received order response to the underlying order, in order to issue an alert in the case of any possible deviations.

This enables efficient processing for both the retailer and the manufacturer, since control takes place prior to delivery, which may avoid, or at least reduce, costly complaints.

As with orders, all relevant information (programme, variants, article types, etc.) have to be identical to the manufacturer's IDM master data.

Structure of an EDI Order Response in EANCOM-ORDRSP Format

UNA	{ Delimiter Definition }
UNB	{ Header of EDI file }
UNH	{ Header of message }
BGM	{ Beginning of message, definition of order number, etc. }
DTM	{ Date Field - Workflow Relevant Data }
FTX	{ Supplementary data on commission level }
RFF	{ Commission data (number or name) }
NAD	{ Identification of involved parties (name/address) }
CTA	{ Information on contact person for this party }
COM	{ Information about accessing contact partner, e.g. fax / telephone }
CUX	{ Currency Specification }
PAT	{ Discount (Days) }
PCD	{ Discount (Percentage) }
LIN	{ Beginning of new position }
PIA	{ More detailed item specifications: variant information, etc. }
IMD	{ Article Description }
MEA	{ Article measurements for measure-dependent articles }
QTY	{ Order Quantity }
FTX	{ Supplementary data on position level }
RFF	{ Reference Numbers }
MOA	{ Amount }
PRI	{ Price Specifications }
TAX	{ Tax Information }
UNS	{ Delimitation between position and footer }
MOA	{ Sum Total }
UNT	{ End of message }
UNZ	{ End of EDI file }

Specification of Individual EANCOM Segments for Order Responses (EANCOM-ORDRSP)

The following segments in the header of an EDI message contain basic standardisation conventions and are mandatory.

UNA "+.? ´"

UNB

S001,0001	"UNOC"
S001,0002	"3"
S002,0004	\<Sender ID (IDM Manufacturer ID or ILN)\>
S003,0010	\<Recipient ID\>
S004,0017	\<Message Creation Date (Format: YYMMDD)\>
S004,0019	\<Message Creation Time (Format: SSMM)\>
0020	\<Unique reference number of EDI file\>
0026	\<Version number of transmitting system\>
0032	\<Version of order data format: "EANCOM_ORDRSP_V1.52"\>
0035	\<Indication whether this is a test message (1=Test)\>

UNH

0062	\<Unique reference number of EDI message\>
S009,0065	"ORDRSP"
S009,0052	"D"
S009,0054	"97A"
S009,0051	"UN"
S009,0057	"EAN005"

The content section of the EDI message starts here:

The next two segments are mandatory:

BGM

C002,1001	"231"	(Document Type = Order Response)
1004	<Supplier's Order Number>	
1225	"9"	(Original)

DTM

C507,2005	"137"	(Document Date)
C507,2380	<Date>	
C507,2379	"102"	(Date Format = YYYYMMDD)

The document date specified in this segment is identical to the date information in the UNB segment.

The confirmed delivery date in specified in a further DTM segment:

DTM

	C507,2005	"2"	(Date Type = Delivery Date, exact)
or	C507,2005	"63"	(Date Type = Delivery Date, latest)
or	C507,2005	"64"	(Date Type = Delivery Date, earliest)
	C507,2380	<Delivery Date>	
	C507,2379	"102"	(Date Format = YYYYMMDD)
or	C507,2379	"616"	(Date Format = YYYYWW, Calendar Week)

Please refer to the "orders" section for the meaning of the data types ("2", "63", "64").

<u>The specified date is not the supplier's loading date, but rather the retailer's delivery date.</u>

If the underlying order concerns a **<u>pickup order</u>**, the DTM segments containing the delivery date are optional, since in such cases, the retailer does not specify a delivery date request.

A date can also be transmitted that indicates the date up until which the order can still be changed (optional). However, that information is then non-binding.

DTM

C507,2005	"334"	(Date Type = Status modification)
C507,2380	<Date until when order can be changed>	
C507,2379	"102"	(Date Format = YYYYMMDD)

If additional files are to be sent to the manufacturer along with the EANCOM file, they have to be described in the following segment:

FTX

4451	"ZZZ"
C108,4440	\<File Information\>
3453	\<Language according to ISO code, e.g. DE\>

The \<File Information\> field consists of the following components, each delimited by a semicolon:

\<File Information\>=\<File Type\>;\<File Format\>;\<File Name\>;\<File Description\>

File Type
90   Order Response

File Format
50   PDF

File Name
Name of file in 8+3-Format, i.e. maximum 8-character name with 3-character extension.
Permitted characters: A-Z, 0-9, -, _

File Description
Maximum 30-character file description in plain text.
Example: "Order Response"

Free text can be optionally sent for the entire commission (max. 99 lines, 70 characters per line). The use of free text, however, means that the order cannot be processed without the interaction of a user. However, it is not permitted to misuse free text to send information that can be transmitted in structured form in other EDI segments.

Only relevant information can be transmitted in the FTX segments, general phrases (e.g. "Thank you for your order...") should be avoided under all circumstances.

FTX

4451	"AAI"
C108,4440	\<Text\>
3453	\<Language according to ISO code, e.g. DE\>

The commission information comes next:

RFF
> C506,1153   "CR"
> C506,1154   <Commission Number, e.g. "4711/01">

For other RFF segments, refer to EANCOM-ORDERS.

In addition to the RFF segment "CR" as mandatory information, all other commission data contained in the order (EANCOM-ORDERS) must beforwarded.

Important: When dispatching the Order Response (EANCOM-ORDRSP) it is expected by the manufacturer system that ALL commission information from the order will be re-transmitted. Clear allocation between order and notice of receipt is only given by this procedure !
In this process, the used commission information shall exactly correspond to those specified by the dealer for the order (EANCOM-ORDERS) in the corresponding RFF-segments. Any additions or changes of the commission information from the order are not allowed !

A mandatory segment with the supplier's order number now follows.
If a **definitive and final** order number has already been transmitted to the retailer with the EANCOM-OSTRPT message, it has to be used here as well.

RFF
> C506,1153   "VN"
> C506,1154   <Supplier's Order Number>

Due to **order changes (ORDCHG)**, it can occur that more than one order response is sent for an order. It is therefore necessary to specify to which order or order change the order response refers.
With a response to an order change, the value from the RFF+PP segment of an order change (these are consecutively numbered starting with 1) is returned.
If the order response is a response to the initial order, the value 0 is returned. This is also the default value if the following segment is missing.

RFF
> C506,1153   "PP"
> C506,1154   <Order change number or 0 for order>

The suppliers-, the retailers- and the delivery address and if the producer is legally obligated the goods disposal registration number (WEEE-Rg-No.) have to be specified next (mandatory).

The WEEE-Rg-No. serves the distinct assignment of supplier for redemption- and disposal values of appliances.

As of March 2006, suppliers are legally obligated to communicate the registration number.

The corresponding **NAD** segments are used for this, analogous to EANCOM-ORDERS.

Please note: With an order response for a pickup order, the delivery address ("NAD+DP") contains the supplier's address.

Information on contact persons (in the **CTA** segment) and their contact details (in **COM** segments) can also be specified in each of the **NAD** segments described above (immediately following the respective **NAD** segment). Here as well, the structure of the corresponding segment is identical to that in EANCOM-ORDERS.

RFF
      C506,1153   "XA"
      C506,1154   <Goods disposal registration WEEE-Rg-No.>

It is now mandatory to specify the currency used in the order response.

CUX
      C504,6347   "2"
      C504,6345   <Currency according to ISO code, e.g. "EUR">
      C504,6343   "10"

If discounts are granted, they are specified as follows:

PAT
      4279   "22"   Discount
      C112,2475 "5"   Invoice Date
      C112,2009 "3"   According to date in C112,2475
      C112,2151 "D"   Days
      C112,2152 <Number of Days>

PCD
      C501,5245 "12"   Discount in Percent
      C501,5482 <Discount Percentage>
      C501,5249 "13"   Applied to invoice value

The data segments on the position level start now:

Header Data (Variants)

If the sender of the EANCOM message is a wood supplier, the information on the commission header data is specified now (programme or variants).

Here, a standard header is defined first, the specifications of which will apply to all subsequently transmitted supplier articles. Any and all articles deviating from this standard header are transmitted on a position level and overwrite the information specified in the standard header.

The procedure is analogous to that of EANCOM-ORDERS.

The order format conventions likewise apply in regards to the number and usage of the PIA segments.

The transmitted data (programme, variants/variant types) must be identical to the supplier's IDM master data.

The articles are subsequently transmitted in single LIN segments:

It is important to note that only sales types are confirmed. If a different manufacturing type is specified due to the fitting of an appliance, however, it can be transmitted in a separate PIA segment.

LIN

1082	\<Consecutive Number\>
C212,7140	\<EAN number of article, if available, otherwise empty\>
C212,7143	"EN" EAN number if available, otherwise empty
1222	\<Main Position/Sub-position Level\>

In field 1222, all main positions are specified with the value 1; sub-position, the value 2; sub-sub positions, value 3, etc.

In addition to the EAN number that may have been transmitted in the LIN segment, the sales type now follows for all articles (mandatory):

PIA

4347	"5"
C212,7140	\<Sales type from IDM Data Record 400\>
C212,7143	"SA"
C212,3055	"91"

A different manufacturing type can also be specified (optional):

PIA

4347	"5"
C212,7140	\<Sales Type\>
C212,7143	"VP"
C212,3055	"91"

If an EDP number for the article has been assigned in the manufacturer IDM data, it is subsequently specified in an additional PIA segment.

PIA

4347	"5"
C212,7140	\<EDP Number from IDM Data Record Type 400\>
C212,7143	"MF"
C212,3055	"91"

As with the order format, additional PIA segments are now transmitted for the following:

- Hinge
- Construction Type
- Deviations from standard header data

Usage of the "Hinge" and "Construction Type" fields follow the IDM format conventions.

A new segment containing specifications about the product group, which have to correspond to that from IDM data record type 350, is now added to the order response

PIA

4347	"5"
C212,7140	<Product group from IDM data record type 350>
C212,7143	"CG"
C212,3055	"91"

If a block is confirmed in the order response, the exchange ID of the article from data record type 400 has to be additionally specified for each article.

PIA

4347	"5"
C212,7140	<Exchange ID from data record type 400>
C212,7143	"GU"
C212,3055	"91"

It is then mandatory to transmit the **article short text** in **IMD** segments.
The texts from the IDM data are transmitted; the texts from the PPS system can also be transferred if these are more relevant for the described situation.
Special texts have to be transmitted in the FTX segment - which will be explained later in the following - since it is not mandatory for the retailer system to process the IMD segments.

Optionally, the **article measurements** can be transmitted in the pertinent MEA segments. The decision as to which measurements are to be transmitted follows the same rules as for orders (EANCOM-ORDERS).

The **article quantity** must be transmitted in a QTY segment (mandatory).
Please note here that identical articles of the order are not permitted to be combined in the order response. If, e.g., 3 cutlery inserts are ordered as 3 separate positions with number 1, they are **not** permitted to be confirmed as one position with 3 pieces, rather each position has to be individually confirmed, with the following reference numbers quoted:

FTX segments can be used to optionally transmit **free text** for a position (max. 99 lines, 70 characters per line). However, it is not permitted to misuse free text to send information that can be transmitted in structured form in other EDI segments.

Next, it is mandatory to specify information that serves as an article's unique reference.
All reference information specified with the order ("RFF+LI", "RFF+ON" and "RFF+ACD") must be quoted when an order position is confirmed.

RFF information is not returned for additional articles that were not contained in the order but are confirmed in the order response.

The supplier can specify his/her own reference numbers for an AB position:

RFF
      C506,1153   "VN"
      C506,1154   <Supplier's own reference number>

The **total price** for each position is transmitted in the following MOA segment.

<u>The number and measurements of all measure-dependent price calculation types are already included in the total price and the list price.</u>

MOA

C516,5025	"203"
C516,5004	<Total price of position, excl. VAT>

The **list price** according to the IDM format is also transmitted:

PRI

C509,5125	"CAL"
C509,5118	<List price according to IDM format>
C509,5375	"CA"

The applicable **VAT** also has to be transmitted for each position (mandatory):

TAX

5283	"7"
C241,5153	"VAT"
C243,5278	<Value-added Tax in percent>

Transmitting Prices

There are several procedures for transmitting prices, which will be described in the following. However, the principle always applies:

> **The sum total of all amounts (whether positive or negative) from the MOA segments (with "C526,5025" = "203") corresponds to the order value of the order response, excl. VAT.**

Article Price

- The article price can be transmitted as a net purchase price. In this case, any discounts (conditions) have already been deducted.
- Alternatively, the article price can be transmitted as a list price. With this procedure, discounts are calculated and deducted as a sum amount for each product group.
- With a block clearing, the price of the planned articles can also be transmitted as zero. In this case, only the block would be invoiced; the extra charges would be quoted for each exchange group. Alternatively, however, the respective article price "without/before block clearing" and the block price for each exchange group can also be transmitted.

Discounts

The discounts for each product group can be calculated and deducted as a sum. For this, an individual "discount article" is transmitted for each product group, with **only** the following segments being used:

LIN

1082	\<Consecutive Number>
1222	<"1">

PIA

4347	"5"
C212,7140	\<Product group from data record type 350>
C212,7143	"CG"
C212,3055	"91"

IMD

7077	"F"
C273,7008	\<e.g. "Product Group XYZ Discount">

MOA

C516,5025	"203"
C516,5004	\<Total discount for the product group, normally a negative value !>

Block Clearing

As with discounts, the extra or reduced prices for each exchange group are also transmitted as "block articles", with **only** the following segments being used:

LIN

1082	<Consecutive Number>
1222	<"1">

PIA

4347	"5"
C212,7140	<Exchange ID from data record type 115>
C212,7143	"GU"
C212,3055	"91"

IMD

7077	"F"
C273,7008	<e.g. "Exchange Group XYZ Extra/Reduced Price">

MOA

C516,5025	"203"
C516,5004	<Extra/reduced price of exchange group>

Extra prices are represented by a positive value, reduced prices by a negative value.

To enable documenting the executed **exchange procedures** within the block clearing, an additional "exchange procedure" can be transmitted, with **only** the following segments being used. The exchange procedures are described in readable form in the IDM segment.

LIN

1082	<Consecutive Number>
1222	<"1">

PIA

4347	"5"
C212,7140	<"BLOCK EXCHANGE" >
C212,7143	"BT"
C212,3055	"ZZZ"

IMD

7077	"F"
C273,7008	<Lines 1-99>

The sum total section of the EDI message now follows the position section.

UNS

    0081   "S"

Varying amounts can be/have to be transmitted in MOA segments; please refer to the following table for the respective codes.

MOA

    C516,5025   <Codes according to table>
    C516,5004   <Amount>

Code	Meaning	
79	Sum total of all positions, excl. VAT	Mandatory
124	Sales Tax (VAT) Amount	Mandatory
106	Packing Costs	Optional
64	Freight Charges	Optional
86	Total order amount, including VAT	Mandatory
200	Amount paid in advance	Optional

With this, the sum total section of the EDI message ends and the final mandatory segments come next:

UNT

    0074   <Number of segments between UNH and UNT, inclusive>
    0062   <Identical to UNH 0062>

UNZ

    0036   <Number of messages within the EDI file, currently always 1>
    0020   <Identical to UNB 0020>

Order Response Transmission Medium

The e-mail medium is also used for transmitting an order response from the manufacturer to the retailer.

In order to enable sent e-mails to be automatically processed on both sides, the structure of the e-mail has to comply with the following conventions:

- An e-mail always contains exactly one order response of a commission for exactly one supplier.

- The necessary files (EANCOM, optional attachments) are compressed into a ZIP file having the name "ORDRSP.ZIP". This ZIP file is the only attachment to the e-mail.

- The EANCOM file within this ZIP file is always named "ORDRSP.EDI". The file names of the optional files can be taken from the corresponding EDI segments within the EANCOM file.

- The subject line of the e-mail has the following structure, with the elements listed in the pointed brackets being optional:
    EDI ORDRSP <Supplier> <Commission No.>

- The e-mail text is optional and only serves as an overview, e.g. for archiving. For practical reasons, the text should contain the supplier address, the commission information and an overview of the file attachment. **Under no circumstances is the text permitted to contain additional information that is not also contained in the EANCOM file, since the text is not evaluated by the recipient during automatic processing of the e-mail**.

Order Change

EANCOM-ORDCHG

Order Change: EANCOM-ORDCHG

The order change procedure enables the retailer to make subsequent changes to an already transmitted order. The EANCOM-ORDCHG format is used for this, which, simply put, corresponds to the order format (EANCOM-ORDERS).

Since many of the EDI segments used in the order change are identical with those of the order, those segment descriptions are not repeated in this segment, instead, the corresponding EANCOM-ORDERS section are referenced. Deviations or additionally used segments are documented in the following.

Basic Procedure:

- The **complete** order (incl. all address information, header data, article positions, file attachments, etc.) are transmitted with an order change, as is the case with the initial order.

- An additional ID is added to the article positions, indicating whether and how the individual article has changed.

- The supplier decides whether to cancel the previous order and create a new order with the order change or whether to correct the previous order via the change specifications.

Electronic Order Exchange Based on EANCOM

Specification of EANCOM Segments for an Order Change (EANCOM-ORDCHG)

The following segments in the header of an EDI message contain basic standardisation conventions and are mandatory.

UNA   "+.? ´"

UNB

S001,0001	"UNOC"
S001,0002	"3"
S002,0004	\<Sender ID, e.g. trading company\>
S003,0010	\<Recipient ID (IDM Manufacturer ID or ILN)\>
S004,0017	\<Message Creation Date (Format: YYMMDD)\>
S004,0019	\<Message Creation Time (Format: SSMM)\>
0020	\<Unique reference number of EDI file\>
0026	\<Version number of transmitting system\>
0032	\<Version of order data format: "EANCOM_ORDCHG_V1.52"\>
0035	\<Indication whether this is a test message (1=Test)\>

UNH

0062	\<Unique reference number of EDI message\>
S009,0065	"ORDCHG"
S009,0052	"D"
S009,0054	"97A"
S009,0051	"UN"
S009,0057	"EAN007"

The content section of the EDI message starts here:

In contrast to the order, a different BGM segment is used:

BGM

C002,1001	"230"	(Document Type = Order Change)
1004	<Job or Order Number>	
1225	"4"	(Change)

The procedure for specifying the **reference information** (commission number, commission name, sales contract number) is the same as that for the order (ORDERS).

If the manufacturer has already assigned an order number with the original order and has notified the retailer of that number (e.g. via ORDRSP), the order number should also be transmitted with the order change.

RFF

C506,1153	"VN"	
C506,1154	<Order Number, "12345/67">	

Since it can occur that more than one order change can be transmitted for an order, it is therefore absolutely necessary to be able to uniquely identify each order change. To ensure this, each order change is consecutively numbered, starting with 1.
The supplier refers to this number in the order response (ORDRSP).

RFF

C506,1153	"PP"	
C506,1154	<Order Change Number, e.g. "1">	

All the segments permitted for an order can also be applied to the article positions. In addition, information on whether and how the position has changed is specified for each position.

FTX

4451	"ZZZ"	(Bilaterally agreed upon)
4453	"3"	(For immediate application)
C107,4441	<Change Indicator>	
C107,3055	"ZZZ"	(Bilaterally agreed upon)

The possible change indicators are:

Value	Meaning
0	No Change
1	The change was business and/or graphically relevant.
2	The article itself is unchanged, but the article coordinates have changed, e.g. because another article was added.

Order Change Transmission Medium

The e-mail medium is also used for transmitting an order change from retailer to manufacturer.

In order to enable sent e-mails to be automatically processed on both sides, the structure of the e-mail has to comply with the following conventions:

- An e-mail always contains exactly one order change of a commission for exactly one supplier.

- The necessary files (EANCOM, optional attachments) are compressed into a ZIP file having the name "ORDCHG.ZIP". This ZIP file is the only attachment to the e-mail.

- The EANCOM file within this ZIP file is always named "ORDCHG.EDI". The file names of optional files can be taken from the corresponding EDI segments within the EANCOM file.

- The subject line of the e-mail has the following structure, with the elements listed in the pointed brackets being optional:
    EDI ORDCHG <Supplier> <Commission No.>

- The e-mail text is optional and only serves as an overview, e.g. for archiving. For practical reasons, the text should contain the supplier address, the commission information as well as an overview of the file attachment. **Under no circumstances is the text permitted to contain additional information that is not also contained in the EANCOM file, since the text is not evaluated by the recipient during automatic processing of the e-mail**.