

Electronic Transmission of order and credit note messages

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1 Revision level

Date	Version	Editor	Change
Februar 2002	1.0	Matthias Hoffmann (SAP AG)	Initial version
30.04.2002	1.1	Thomas Wahle	Extended and updated
22.05.2003	2.0	Thomas Wahle	Revised version
03.11.2010	3.0	Thomas Wahle, Lars Karschen	Revised version and translation

2 General Remarks

As part of the settlement of eProcurement-orders, order and credit note messages can be transmitted electronically or via fax. In case of an electronic transmission, order and credit note messages will be transmitted to the supplier via https.

The messages are created in the ERP systems of E.ON as IDOC (intermediate Document) type ORDERS02 (order) respectively GSVERF01 (credit note). Only part of the available data segments is used. To facilitate further processing the messages are transformed into corresponding XML messages. The IDOC-segments are transformed into identically named XML data elements. Because of this 1 to 1 relationship, the full IDOC documentation can also be of interest in addition to this documentation. This documentation is for example available at the open help pages of SAP.

In this document, the converted into XML messages IDOC describes the document with content-filled data elements and provides an indication of the relevance of these data for the supplier..

The messages contain in the data element SNDPOR of the document header the SAP system ID of the system which created this message. Only if this field content begins with "SAPP", it is a genuine message from a production system; otherwise it is a test message.

2.1 Receiving a message

- Before submitting messages, an URL (or two in the case that order and credit note have to be sent to different URL) has to be designated. The URL has to be of the form „https://someserver.supplier.com/idoc_receive.pl“ and points to the supplier’s web server or it’s IT service provider’s web server. The web server receives and accepts the messages sent to him (for example via a Perl CGI script, a Java Servlet, a PHP application etc.) and forwards it for further processing to the ordering- or enterprise resource planning system of the supplier.
- This is followed by the interpretation of the message content (determination of message type, detection if message is a test- or productive message, identification of the ordering E.ON organization and consignee as well as the specific order positions) using commercial EDI converters or simple individual solutions. In an optimal integration process, electronic orders and credit notes are then automatically generated in the IT system of the supplier derived from the contents of these messages.
- A confirmation of receipt of the message content (for example by sending an electronic receipt or a notification of dispatch) is not required. The technical confirmation is realized by the HTTP-protocol. The e-mail address of the buyer has to be extracted by the supplier (see below) and a standard text reply (as agreed on with the E.ON catalog manager) has to be sent to the buyer.

At <http://wiscore.de/eon> test messages with the function “send test message” can be requested. After entering the receiving URL and selecting the message type, a message will be sent to the entered destination. The message sent correspond with the guidelines for orders and credit notes, which are described in this document.

2.2 Example program for reception via Perl CGI script

The following program example receives a data file as Perl CGI script (e.g. ORDERS02), logs its content and information about file size and reception date and sends the file attached as an e-mail to one recipient and two CC-recipients. This script should not be used productive without additional error handling and without verification about potential security risks. Its primary function is to display the technical process.

```
#!/usr/bin/perl
#
# Receive-Demo Script (c)Wiscore 2005
#

open (DATEI,">> ../logs/orders");
$datum = localtime(time);
read(STDIN, $Daten, $ENV{'CONTENT_LENGTH'});
print DATEI $datum;
print DATEI "\n";
print DATEI "Content length:";
print DATEI $ENV{'CONTENT_LENGTH'};
print DATEI "\n";
print DATEI $Daten;
print DATEI "\n";
close DATEI;

use Mail::Mailer;
$type = 'sendmail';
$mailprog = Mail::Mailer->new($type);
%header = ('To' => 'recipient@somewhere.de',
           'From' => 'demoscript@wiscore.de',
           'Cc' => 'cc1@somewhere.de,cc2@somewhere.de',
           'Subject' => 'Message from Wiscore Demo receive script'
);
$mailprog->open(\%header);
print $mailprog "We have received your message.\n";
print $mailprog $datum . "\n";
print $mailprog "Remote IP: " . $ENV{'HTTP_X_FORWARDED_FOR'} . "\n";
print $mailprog "\n";
print $mailprog $Daten;
$mailprog->close;
```

```
print "Content-type: text/html\n\n";
print "<html><head><title>ok</title></head>\n";
print "<body></body></html>\n";
```

3 Definition of messages

3.1 Definition of order message ORDERS02

If all order positions feature the same consignee, he will be defined once on level of the receipt header (E1EDKA1). If the consignee differs in at least one order position, he will be defined in segment E1EDPA1 with role consignee (PARVW = WE) for each position

In the example below a different recipient is defined for the second order position. In this case the consignee would be defined in segment E1EDPA1 on the positional level, and a definition at receipt header level is dropped. In the example you will find both definitions in header and positional level to demonstrate both, in a true message you would define one or the other, not both.

Remark: In “receipt header business partner information” (E1EDKA1) and in “receipt position business partner information” (E1EDPA1) with role consignee (PARVW = WE), the following fields are filled differing from the original IDOC ORDERS02 reference. In the following description these fields are included:

- TELTX When filled, it contains the **room number** of consignee.
- TELX1 When filled, it contains the **building description** corresponding to the room number.
- ILNNR When filled, it contains the **e-mail address** of the consignee.

Data	Description	Relevance
<?xml version="1.0" encoding="iso-8859-1"?>	Begin of XML Message	
<ORDERS02>	Begin of Order-IDOC	x
<IDOC BEGIN="1">	Begin of first IDOC	
<EDI_DC40 SEGMENT="1">	Receipt header message	
<TABNAM>EDI_DC40</TABNAM>		
<MANDT>200</MANDT>		
<DOCNUM>0000000059940471</DOCNUM>	Generated IDOC number from originating SAP System	
<DOCREL>700</DOCREL>		

<STATUS>30</STATUS>		
<DIRECT>1</DIRECT>		
<OUTMOD>2</OUTMOD>		
<EXPRSS/>		
<TEST/>		
<IDOCTYP>ORDERS02</IDOCTYP>	Document type	
<CIMTYP/>		
<MESTYP>ORDERS</MESTYP>	Message type (ORDERS=Order)	
<MESCOD/>		
<MESFCT/>		
<STD/>		
<STDVRS/>		
<STDMES/>		
<SNDPOR>SAPQ80</SNDPOR>	Sending SAP system, indication whether message is test or production-message.	x
<SNDPRT>KU</SNDPRT>		
<SNDPFC/>		
<SNDPRN>TEST_EDII</SNDPRN>	Sender, supplier's customer number of purchaser	
<SNDSAD/>		
<SNDLAD/>		
<RCVPOR>A000000062</RCVPOR>		
<RCVPRT>LI</RCVPRT>		
<RCVPFC>LF</RCVPFC>	Role LF = Supplier	
<RCVPRN>0000243959</RCVPRN>	Supplier's creditor-number in purchasing system	
<RCVSAD/>		
<RCVLAD/>		
<CREDAT>20100928</CREDAT>	Message creation date	x
<CRETIM>103438</CRETIM>	Message creation time	x
<REFINT/>		
<REFGRP/>		

<REFMES/>
 <ARCKEY/>
 <SERIAL>20100928103438</SERIAL>
 </EDI_DC40>

<E1EDK01 SEGMENT="1">	Receipt header general
<CURCY>EUR</CURCY>	Order currency x
<WKURS>1.00000</WKURS>	Exchange rate if foreign currency x
<ZTERM>Z068</ZTERM>	Key for terms of payment
<BSART>EC</BSART>	
<BELNR>4851430639</BELNR>	Order number of purchasing party x
<RECIPNT_NO>0000243959</RECIPNT_NO>	Supplier's creditor-number in purchasing system x
</E1EDK01>	
<E1EDK14 SEGMENT="1">	Receipt header organizational data
<QUALF>014</QUALF>	
<ORGID>0701</ORGID>	
</E1EDK14>	
<E1EDK14 SEGMENT="1">	Receipt header organizational data
<QUALF>009</QUALF>	
<ORGID>FG7</ORGID>	
</E1EDK14>	
<E1EDK14 SEGMENT="1">	Receipt header organizational data
<QUALF>013</QUALF>	
<ORGID>EC</ORGID>	
</E1EDK14>	
<E1EDK14 SEGMENT="1">	Receipt header date
<QUALF>011</QUALF>	
<ORGID>0701</ORGID>	
</E1EDK14>	
<E1EDK03 SEGMENT="1">	Receipt header date
<IDDAT>012</IDDAT>	

<DATUM>20100505</DATUM>

</E1EDK03>

<E1EDK03 SEGMENT="1">

Receipt header business partner information

<IDDAT>011</IDDAT>

<DATUM>20100928</DATUM>

</E1EDK03>

<E1EDKA1 SEGMENT="1">

Receipt header business partner information

<PARVW>AG</PARVW>

Role AG = Purchaser

<PARTN>TEST_ED</PARTN>

Supplier's customer number of purchaser

x

<TELF1>0921/9154450</TELF1>

Phone number

x

<TELFX>08702/38-4100</TELFX>

Fax

<BNAME>Katalogbest. KKG</BNAME>

Name of Purchaser

x

<PAORG>0701</PAORG>

Code of purchase organization

<ORGTX>EK-Org. E-ON Kernkra</ORGTX>

Text of purchase organization

<PAGRU>FG7</PAGRU>

</E1EDKA1>

<E1EDKA1 SEGMENT="1">

Receipt header business partner information

<PARVW>LF</PARVW>

Role LF = Supplier

<PARTN>0000243959</PARTN>

<SPRAS>D</SPRAS>

<BNAME>Herr Brandt</BNAME>

<SPRAS_ISO>DE</SPRAS_ISO>

</E1EDKA1>

<E1EDKA1 SEGMENT="1">

Receipt header business partner information

<PARVW>WE</PARVW>

Role WE = Purchaser

x

<LIFNR>0734</LIFNR>

Supplier number

<NAME1>E.ON Kernkraft GmbH</NAME1>

Name 1

x

<NAME2>Thomas Kuhn</NAME2>

Name 2

x

<STRAS>Kraftwerksstraße</STRAS>

Address

x

<ORT01>Grafenrheinfeld</ORT01>

City

x

<PSTLZ>97506</PSTLZ>	Zip code	x
<LAND1>DE</LAND1>	Country	x
<TELF1>09723/62-2394</TELF1>	Phone number	x
<TELFX>09723/62-3250</TELFX>		
<TELTX>0322</TELTX>	Room number of consignee	x
<TELX1>ZL1</TELX1>	Building description of consignee	x
<SPRAS>D</SPRAS>		
<ILNNR>thomas.kuhn@eon-energie.com</ILNNR>	E-mail address of consignee	x
<SPRAS_ISO>DE</SPRAS_ISO>		
</E1EDKA1>		
<E1EDK02 SEGMENT="1">	Receipt header reference data	
<QUALF>001</QUALF>	Qualifier 001 = Order customer	x
<BELNR>4851430639</BELNR>	Receipt number	x
<DATUM>20100505</DATUM>	Receipt date	x
<UZEIT>103438</UZEIT>	Time	
</E1EDK02>		
<E1EDK02 SEGMENT="1">	Receipt header reference data	
<QUALF>005</QUALF>	Qualifier 005 = Contract data Customer	
<BELNR>4700001087</BELNR>	Contract number	
</E1EDK02>		
<E1EDK18 SEGMENT="1">	Receipt header terms of payment	
<QUALF>001</QUALF>	Qualifier 001 = Terms of payment 1	
<TAGE>14</TAGE>	respite of payment in days	
<PRZNT>2.000</PRZNT>	Early payment discount until respite	
</E1EDK18>		
<E1EDK18 SEGMENT="1">	Receipt header terms of payment	
<QUALF>002</QUALF>	Qualifier 001 = Terms of payment 1	
<TAGE>30</TAGE>	respite of payment in days	
</E1EDK18>		
<E1EDP01 SEGMENT="1">	Receipt position general data	

<POSEX>00010</POSEX>	Number of first order position	
<ACTION>001</ACTION>	Action code of position 001 = New position	
<PSTYP>0</PSTYP>	Position type 0 = normal	
<MENGE>1.000</MENGE>	Order Quantity	
<MENEE>PCE</MENEE>	ISO code of order unit	
<BMNG2>1.000</BMNG2>	Quantity in price quantity unit	
<PMENE>PCE</PMENE>	Price quantity unit	
<VPREI>13.33</VPREI>	Price per Price quantity unit	
<PEINH>1</PEINH>	Price Unit	
<NETWR>13.33</NETWR>	Net worth of position	
<MATKL>27260000</MATKL>	Material group of Purchaser	
<BPUMN>1</BPUMN>	Denominator for calculation (if MENEE different from PMENE)	
<BPUMZ>1</BPUMZ>	Numerator for calculation	
<E1EDP02 SEGMENT="1">		
<QUALF>005</QUALF>		
<BELNR>4700001087</BELNR>	Contract number	
<ZEILE>00040</ZEILE>	Contract position	
</E1EDP02>		
<E1EDP20 SEGMENT="1">		
<WMENG>1.000</WMENG>	Quantity of disposition	x
<AMENG>1.000</AMENG>	Previous quantity of disposition	
<EDATU>20100506</EDATU>	Delivery date of disposition	x
</E1EDP20>		
<E1EDP19 SEGMENT="1">		
<QUALF>002</QUALF>	Qualifier 002 = Material number of supplier	x
<IDTNR>116596</IDTNR>	Material number	x
</E1EDP19>		
<E1EDP19 SEGMENT="1">		
<QUALF>001</QUALF>	Qualifier 001 = Material number of customer	
<KTEXT>C091 31H008 1002, Kabelstecker 8pol</KTEXT>	Short description	

</E1EDP19>

</E1EDP01>

<E1EDP01 SEGMENT="1">

<POSEX>00020</POSEX>

Number of second order position

<ACTION>001</ACTION>

<PSTYP>0</PSTYP>

<MENGE>1.000</MENGE>

<MENEE>PCE</MENEE>

<BMNG2>1.000</BMNG2>

<PMENE>PCE</PMENE>

<VPREI>13.66</VPREI>

<PEINH>1</PEINH>

<NETWR>13.66</NETWR>

<MATKL>27260000</MATKL>

<BPUMN>1</BPUMN>

<BPUMZ>1</BPUMZ>

<E1EDP02 SEGMENT="1">

<QUALF>005</QUALF>

<BELNR>4700001087</BELNR>

<ZEILE>00040</ZEILE>

</E1EDP02>

<E1EDP20 SEGMENT="1">

<WMENG>1.000</WMENG>

<AMENG>1.000</AMENG>

<EDATU>20100506</EDATU>

</E1EDP20>

<E1EDPA1 SEGMENT="1">

Consignee of position

<PARVW>WE</PARVW>

Role WE = Consignee

x

<LIFNR>0734</LIFNR>

Supplier number

<NAME1>E.ON IT GmbH</NAME1>

Name 1

x

<NAME2>Thomas Kuhn</NAME2>	Name 2	x
<STRAS>Humboldtstr 33</STRAS>	Address	x
<ORT01>Hannover</ORT01>	City	x
<PSTLZ>31169</PSTLZ>	Zip code	x
<LAND1>DE</LAND1>	Country	x
<TELF1>0511-121 78128</TELF1>	Phone number	x
<TELFX>0511-121 78129</TELFX>		
<TELTX>S09</TELTX>	Room number of consignee	x
<TELX1>Tower</TELX1>	Building description of consignee	x
<SPRAS>D</SPRAS>		
<ILNNR>thomas.kuhn@eon-energie.com</ILNNR>	E-mail address of consignee	x

</E1EDPA1>

<E1EDP19 SEGMENT="1">

<QUALF>002</QUALF>

<IDTNR>116604</IDTNR>

</E1EDP19>

<E1EDP19 SEGMENT="1">

<QUALF>001</QUALF>

<KTEXT>C091 31D008 1002, Kabeldose 8pol</KTEXT>

</E1EDP19>

</E1EDP01>

<E1EDP01 SEGMENT="1">

<POSEX>00030</POSEX>

Number of third order position

<ACTION>001</ACTION>

<PSTYP>0</PSTYP>

<MENGE>2000.000</MENGE>

<MENEE>PCE</MENEE>

<BMNG2>2000.000</BMNG2>

<PMENE>PCE</PMENE>

<VPREI>0.67</VPREI>

<PEINH>100</PEINH>
<NETWR>13.4</NETWR>
<MATKL>27000000</MATKL>
<BPUMN>1</BPUMN>
<BPUMZ>1</BPUMZ>

<E1EDP02 SEGMENT="1">

<QUALF>005</QUALF>
<BELNR>4700001087</BELNR>
<ZEILE>00040</ZEILE>
</E1EDP02>

<E1EDP20 SEGMENT="1">

<WMENG>2000.000</WMENG>
<AMENG>0.000</AMENG>
<EDATU>20100506</EDATU>
</E1EDP20>

<E1EDP19 SEGMENT="1">

<QUALF>002</QUALF>
<IDTNR>3009202</IDTNR>
</E1EDP19>

<E1EDP19 SEGMENT="1">

<QUALF>001</QUALF>
<KTEXT>Aderendhülse A 0,34- 7</KTEXT>
</E1EDP19>

</E1EDP01>

<E1EDS01 SEGMENT="1">

<SUMID>002</SUMID>
<SUMME>40.39</SUMME>
<SUNIT>EUR</SUNIT>
</E1EDS01>

</IDOC>

Sum segment

Qualifier 002 = Net sum of IDOC positions

Net sum

</ORDERS02>

3.2 Summary of relevant data from order messages

The above order message contains the following Content relevant for suppliers

Message

- Test run (SNDPOR = SAPQ80)
- Order (IDOCTYP)
- Order number 4851430639 (BELNR)
- Order Currency Euro (CURCY)
- Order date 20100928 (DATUM)

Purchaser (Partner info with Role = AG)

- PUR Org. E-ON Kernkraft / Catalog order (ORGTX / BNAME)
- Supplier's Customer ID TEST_ED1 (PARTN)
- 0921/9154450 (TELF1)
-

Consignee (Partner info with Role = WE) at level Receipt header

- E.ON Kernkraft GmbH (NAME1)
- Thomas Kuhn (NAME2)
- Kraftwerkstraße (STRAS)
- DE-97506 Grafenrheinfeld (LAND1-PSTLZ ORT01)
- Room 0322 (TELTX)
- Building ZL1 (TELX1)

- E-mail thomas.kuhn@eon-energie.com (ILNNR)
- Phone number 09723 / 62 - 2394 (TELFX)

Order Positions

Position	Order Quantity	Order Quantity Unit	Order PID	Short Description	Price per Price Unit	Net worth of position	Delivery date	Amount of Price Quantity Units	Price Quantity Unit	Price Unit	Denominator for Calculation (only if MENE differs from PMENE)	Nominator for calculation
POSEX	MENGE	MENEE	IDTNR	KTEXT	VPREI	NETWR	EDATU	BMNG2	PMENE	PEINH	BPUMN	BPUMZ
00010	1	PCE	116596	C091 31H008 1002, Kabelstecker 8pol	13.33	13.33	20100506	1	PCE	1	1	1
00020	1	PCE	116604	C091 31D008 1002, Kabeldose 8pol	13.66	13.66	20100506	1	PCE	1	1	1
00030	2000	PCE	3009202	Aderendhülse A 0,34- 7	0.67	13.40	20100506	2000	PK	100	1	1

For position 00020 the following variant address for the consignee is defined:

E.ON IT GmbH
 Thomas Kuhn
 Humboldtstr. 31
 DE-31169 Hannover
 Building Tower, Room S09
 Phone number 0511 – 121 78128
 E-mail thomas.kuhn@eon-energie.com

Remark: For the third Order position the price unit is 100. This means that the price per price unit comprises of 100 order units. The net worth of this position is calculated as order quantity times price per price unit divided by price unit = 13,40 Euro.

3.3 Definition of credit note message GSVERF01

<?xml version="1.0" encoding="iso-8859-1"?>	Begin of XML message	Relevanz
<GSVERF01>	Begin of GSVERF-IDOC	
<IDOC BEGIN="1">	Begin of first IDOC	x
<EDI_DC40 SEGMENT="1">	Receipt header message	
<TABNAM>EDI_DC40</TABNAM>		
<MANDT>200</MANDT>		
<DOCNUM>0000000059940475</DOCNUM>	Generated IDOC number from originating SAP System	
<DOCREL>700</DOCREL>		
<STATUS>30</STATUS>		
<DIRECT>1</DIRECT>		
<OUTMOD>2</OUTMOD>		
<EXPRSS/>		
<TEST/>		
<IDOCTYP>GSVERF01</IDOCTYP>	IDOC type	
<CIMTYP/>		
<MESTYP>GSVERF</MESTYP>	Message type (GSVERF=credit note)	
<MESCOD/>		
<MESFCT/>		
<STD/>		
<STDVRS/>		
<STDMES/>		
<SNDPOR>SAPQ80</SNDPOR>	Sending SAP system, indication whether message is test or production-message.	x
<SNDPRT>LS</SNDPRT>		
<SNDPFC/>		
<SNDP RN>Q80MAND200</SNDP RN>	Sender, supplier's customer number of purchaser	
<SNDSAD/>		
<SNDLAD/>		

<RCVPOR>A000000062</RCVPOR>		
<RCVPRT>LI</RCVPRT>	Role LF = Supplier	
<RCVPFC>RS</RCVPFC>		
<RCVPRN>0000243959</RCVPRN>	Supplier's creditor-number in purchasing system	
<RCVSAD/>		
<RCVLAD/>		
<CREDAT>20100928</CREDAT>	Creation date of message	x
<CRETIM>103755</CRETIM>	Creation time of message	x
<REFINT/>		
<REFGRP/>		
<REFMES/>		
<ARCKEY/>		
<SERIAL>20100928103749</SERIAL>		
</EDI_DC40>		
<E1EDK01 SEGMENT="1">	Receipt header general	
<ACTION>000</ACTION>		
<CURCY>EUR</CURCY>	Order currency	x
<WKURS>1.00000</WKURS>	Exchange rate if foreign currency	
<KUNDEUINR>DE192205336</KUNDEUINR>	VAT-ID Supplier	
<EIGENUINR>DE814379641</EIGENUINR>	VAT-ID Purchaser	x
<BELNR>9003049704</BELNR>	Order PID of purchasing party	x
<RECIPNT_NO>0000243959</RECIPNT_NO>	Supplier's creditor-number in purchasing system	
</E1EDK01>		
<E1EDKA1 SEGMENT="1">	Receipt header business partner information	
<PARVW>AG</PARVW>	Role AG = Purchaser	x
<PARTN>TEST_EDI</PARTN>	Supplier's customer number of purchaser	x
<NAME1>E.ON Kernkraft GmbH</NAME1>	Name 1	
<STRAS>Tresckowstr.</STRAS>	Address	
<ORT01>Hannover</ORT01>	City	
<PSTLZ>30457</PSTLZ>	Zip Code	

<LAND1>DE</LAND1>	Country	
<SPRAS>D</SPRAS>		
<ANRED>0003</ANRED>		
</E1EDKA1>		
<E1EDKA1 SEGMENT="1">	Receipt header business partner information	
<PARVW>LF</PARVW>	Role LF = Supplier	x
<PARTN>0000243959</PARTN>	Supplier's creditor-number in purchasing system	x
<LIFNR>TEST_EDI</LIFNR>		
<NAME1>Distrelec Schuricht GmbH</NAME1>		
<STRAS>Lise-Meitner-Str. 4</STRAS>		
<ORT01>Bremen</ORT01>		
<PSTLZ>28359</PSTLZ>		
<LAND1>DE</LAND1>		
<SPRAS>D</SPRAS>		
</E1EDKA1>		
<E1EDKA1 SEGMENT="1">	Receipt header business partner information	
<PARVW>WE</PARVW>	Role WE = Purchaser	x
<PARTN>0734</PARTN>	Supplier ID	
<NAME1>Kernkraftwerk Grafenrheinfeld</NAME1>	Name 1	x
<STRAS>Kraftwerksstraße</STRAS>	Address	x
<ORT01>Grafenrheinfeld</ORT01>	City	x
<PSTLZ>97506</PSTLZ>	Zip code	x
<LAND1>DE</LAND1>	Country	x
<SPRAS>D</SPRAS>		
</E1EDKA1>		
<E1EDK02 SEGMENT="1">	Receipt header reference data	
<QUALF>012</QUALF>	Qualifier 012 = Delivery note	x
<BELNR>1398217801</BELNR>	Delivery note Id	x
</E1EDK02>		
<E1EDK04 SEGMENT="1">	Receipt header tax	

<MWSKZ>VB</MWSKZ>	Tax code	x
<MWSBT>7.67</MWSBT>	Tax	x
<KTEXT>Vorsteuer Inland 19 %</KTEXT>	Tax Description	
</E1EDK04>		
<E1EDK03 SEGMENT="1">	Receipt header date	
<IDDAT>015</IDDAT>	Qualifier 015 = invoice booking date	
<DATUM>20100511</DATUM>	Date	
</E1EDK03>		
<E1EDK03 SEGMENT="1">	Receipt header date	
<IDDAT>016</IDDAT>	Qualifier 016 = Invoice date	
<DATUM>20100512</DATUM>	Date	
</E1EDK03>		
<E1EDK03 SEGMENT="1">	Receipt header date	
<IDDAT>044</IDDAT>	Qualifier 044 = payment delay date	x
<DATUM>20100512</DATUM>	Date	x
</E1EDK03>		
<E1EDK18 SEGMENT="1">	Receipt header terms of payment	
<QUALF>001</QUALF>	Terms of payment 001	x
<TAGE>14</TAGE>	Respite in days	x
<PRZNT>2.000</PRZNT>	Percentage of respite	x
</E1EDK18>		
<E1EDK18 SEGMENT="1">	Receipt header terms of payment	
<QUALF>002</QUALF>	Terms of payment 002	x
<TAGE>30</TAGE>	Respite in days	x
<PRZNT>0.000</PRZNT>	Percentage of respite	x
</E1EDK18>		
<E1EDKT1 SEGMENT="1">	Receipt header text identification	
<TDID>001</TDID>	Qualifier 001 = Order head	
<TSSPRAS>D</TSSPRAS>	Language key	
<E1EDKT2 SEGMENT="1">	Receipt header text	

<TDLINE>Gutschriftsanzeige</TDLINE>	Line of text	
</E1EDKT2>		
</E1EDKT1>		
<E1EDP01 SEGMENT="1">	Receipt position general of first position	x
<POSEX>000010</POSEX>	Number of first position	x
<ACTION>001</ACTION>	Qualifier Action 001 = Position added	
<MENGE>1.000</MENGE>	Order Quantity	x
<MENEE>PCE</MENEE>	ISO Code of Order Unit	x
<BMNG2>1.000</BMNG2>	Amount of Price quantity unit	x
<PMENE>PCE</PMENE>	Price quantity unit	x
<PEINH>1</PEINH>	Price unit	x
<NETWR>13.33</NETWR>	Net worth of position	x
<CURCY>EUR</CURCY>	Currency	x
<WERKS>0734</WERKS>	Plant	
<E1EDP02 SEGMENT="1">	Receipt position reference data	
<QUALF>001</QUALF>	Qualifier 001 = Customer Order	x
<BELNR>4851430639</BELNR>	Order PID	x
<ZEILE>00010</ZEILE>	Line number of order	x
</E1EDP02>		
<E1EDP02 SEGMENT="1">	Receipt position reference data	
<QUALF>005</QUALF>	Qualifier 005 = Customer Contract number	
<BELNR>4700001087</BELNR>	Contract ID	
<ZEILE>00040</ZEILE>	Contract position	
</E1EDP02>		
<E1EDP02 SEGMENT="1">	Receipt position reference data	
<QUALF>010</QUALF>	Qualifier 010 = internal receipt number	
<BELNR>5001471560</BELNR>	Internal receipt number	
<ZEILE>0001</ZEILE>	Line internal receipt number	
</E1EDP02>		
<E1EDP02 SEGMENT="1">	Receipt position reference data	

<QUALF>012</QUALF>	Qualifier 012 = delivery note	x
<BELNR>1398217801</BELNR>	Delivery note id	x
</E1EDP02>		
<E1EDP02 SEGMENT="1">	Receipt position reference data	
<QUALF>061</QUALF>	Qualifier 061 = internal delivery note id	
<BELNR>1398217801</BELNR>	Internal delivery note id	
</E1EDP02>		
<E1EDP03 SEGMENT="1">	Receipt position date segment	
<IDDAT>001</IDDAT>	IDDAT 001 = delivery date	
<DATUM>20100506</DATUM>	Delivery date	
</E1EDP03>		
<E1EDP03 SEGMENT="1">	Receipt position date segment	
<IDDAT>023</IDDAT>	IDDAT 023 = Date for price discovery	x
<DATUM>20100506</DATUM>	Date for price discovery	x
</E1EDP03>		
<E1EDP03 SEGMENT="1">	Receipt position date segment	
<IDDAT>030</IDDAT>	IDDAT 030 = stock receipt date	
<DATUM>20100506</DATUM>	Stock receipt date	
</E1EDP03>		
<E1EDP04 SEGMENT="1">	Receipt position tax	
<MWSKZ>VB</MWSKZ>	Tax code	x
<KTEXT>Vorsteuer Inland 19 %</KTEXT>	Tax description	x
</E1EDP04>		
<E1EDP19 SEGMENT="1">	Receipt position object identity	
<QUALF>001</QUALF>	Qualifier 001 = Customer Material number	
<KTEXT>C091 31H008 1002, Kabelstecker 8pol</KTEXT>	Short description material	
</E1EDP19>		
<E1EDP19 SEGMENT="1">	Receipt position object identity	
<QUALF>002</QUALF>	Qualifier 002 = Material number of supplier (Order ID)	x
<IDTNR>116596</IDTNR>	Material number (Order id)	x

</E1EDP19>

<E1EDP26 SEGMENT="1">

<QUALF>003</QUALF>

<BETRG>13.33</BETRG>

</E1EDP26>

</E1EDP01>

<E1EDP01 SEGMENT="1">

<POSEX>000020</POSEX>

<ACTION>001</ACTION>

<MENGE>1.000</MENGE>

<MENEE>PCE</MENEE>

<BMNG2>1.000</BMNG2>

<PMENE>PCE</PMENE>

<PEINH>1</PEINH>

<NETWR>13.66</NETWR>

<CURCY>EUR</CURCY>

<WERKS>0734</WERKS>

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<QUALF>001</QUALF>

<BELNR>4851430639</BELNR>

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<E1EDP02 SEGMENT="1">

<QUALF>005</QUALF>

<BELNR>4700001087</BELNR>

<ZEILE>00040</ZEILE>

</E1EDP02>

<E1EDP02 SEGMENT="1">

<QUALF>010</QUALF>

<BELNR>5001471560</BELNR>

Receipt position value segment

Qualifier 003 = Net worth

x

Net worth of position

x

Receipt position general of second position

Id of second position

<ZEILE>0002</ZEILE>
</E1EDP02>
<E1EDP02 SEGMENT="1">
<QUALF>012</QUALF>
<BELNR>1398217801</BELNR>
</E1EDP02>
<E1EDP02 SEGMENT="1">
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</E1EDP03>
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<E1EDP04 SEGMENT="1">
<MWSKZ>VB</MWSKZ>
<KTEXT>Vorsteuer Inland 19 %</KTEXT>
</E1EDP04>
<E1EDP19 SEGMENT="1">
<QUALF>001</QUALF>
<KTEXT>C091 31D008 1002, Kabeldose 8pol</KTEXT>
</E1EDP19>

<E1EDP19 SEGMENT="1">
<QUALF>002</QUALF>
<IDTNR>116604</IDTNR>
</E1EDP19>

<E1EDP26 SEGMENT="1">
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<BETRG>13.66</BETRG>
</E1EDP26>

</E1EDP01>

<E1EDP01 SEGMENT="1">
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<ACTION>001</ACTION>
<MENGE>2000.000</MENGE>
<MENEE>PCE</MENEE>
<BMNG2>2000.000</BMNG2>
<PMENE>PCE</PMENE>
<PEINH>100</PEINH>
<NETWR>13.4</NETWR>
<CURCY>EUR</CURCY>
<WERKS>0734</WERKS>

Receipt position general of third position
Id of third position

<E1EDP02 SEGMENT="1">
<QUALF>001</QUALF>
<BELNR>4851430639</BELNR>
<ZEILE>00030</ZEILE>
</E1EDP02>

<E1EDP02 SEGMENT="1">
<QUALF>005</QUALF>
<BELNR>4700001087</BELNR>
<ZEILE>00040</ZEILE>
</E1EDP02>

<E1EDP02 SEGMENT="1">
<QUALF>010</QUALF>
<BELNR>5001471560</BELNR>
<ZEILE>0003</ZEILE>
</E1EDP02>
<E1EDP02 SEGMENT="1">
<QUALF>012</QUALF>
<BELNR>1398217801</BELNR>
</E1EDP02>
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</E1EDP02>
<E1EDP03 SEGMENT="1">
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<DATUM>20100506</DATUM>
</E1EDP03>
<E1EDP03 SEGMENT="1">
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</E1EDP03>
<E1EDP03 SEGMENT="1">
<IDDAT>030</IDDAT>
<DATUM>20100506</DATUM>
</E1EDP03>
<E1EDP04 SEGMENT="1">
<MWSKZ>VB</MWSKZ>
<KTEXT>Vorsteuer Inland 19 %</KTEXT>
</E1EDP04>
<E1EDP19 SEGMENT="1">

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<QUALF>001</QUALF>
<KTEXT>Aderendhülse A 0,34- 7</KTEXT>
</E1EDP19>
<E1EDP19 SEGMENT="1">
<QUALF>002</QUALF>
<IDTNR>3009202</IDTNR>
</E1EDP19>
<E1EDP26 SEGMENT="1">
<QUALF>003</QUALF>
<BETRG>13,4</BETRG>
</E1EDP26>
</E1EDP01>
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</E1EDS01>
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<WAERQ>EUR</WAERQ>
</E1EDS01>
<E1EDS01 SEGMENT="1">
<SUMID>003</SUMID>
<SUMME>48.06</SUMME>
<WAERQ>EUR</WAERQ>
</E1EDS01>
<E1EDS01 SEGMENT="1">
<SUMID>005</SUMID>
<SUMME>7.67</SUMME>
<WAERQ>EUR</WAERQ>
    
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Sum segment

SUMID 001 = Number of positions x
 Number of positions x

Sum segment

SUMID 002 = Net sum of IDOC x
 Net sum of IDOC x
 Currency x

Sum segment

SUMID 003 = Gross sum of IDOC x
 Gross sum of IDOC x
 Currency x

Sum segment

SUMID 005 = Sum of tax amount x
 Sum of tax amount in IDOC x
 Currency x

</E1EDS01>
</IDOC>
</GSVERF01>

3.4 Summary of relevant data from credit note messages

The summary of this message is identical to the summary of the related order under 2.2 – the credit note message shows all positions from the order message under 2.1 and the ordered amounts as a corresponding credit note.