



EDI GUIDE

XML-GSVERF03

Version 1.0

last change: 22.06.2020

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Änderungsblatt

| Version | changed | from | Site | Notes |
|---------|------------|-----------|------|---------|
| 1.0 | 22.06.2020 | Leo Grenz | | Created |
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Who should read this document?

This document is for the EDI administrators who will implement a solution to be able to receive XML-IDOC delivery schedules (DELFOR) sent by ifm electronic.

Explanation of usage:

If a segment is mandatory (M), it will be included in the data file.

It might happen that a segment itself is optional (O), but the elements within the segment are declared as mandatory. This means that it is not required that the segment is included, but as soon as the segment is included, the mandatory fields will be filled.

The same procedure has to be applied to segment groups and segments: A segment group can be optional, while the contained segments are mandatory. In this case all mandatory segments of a segment group will appear in the data file as soon as the segment group is included.

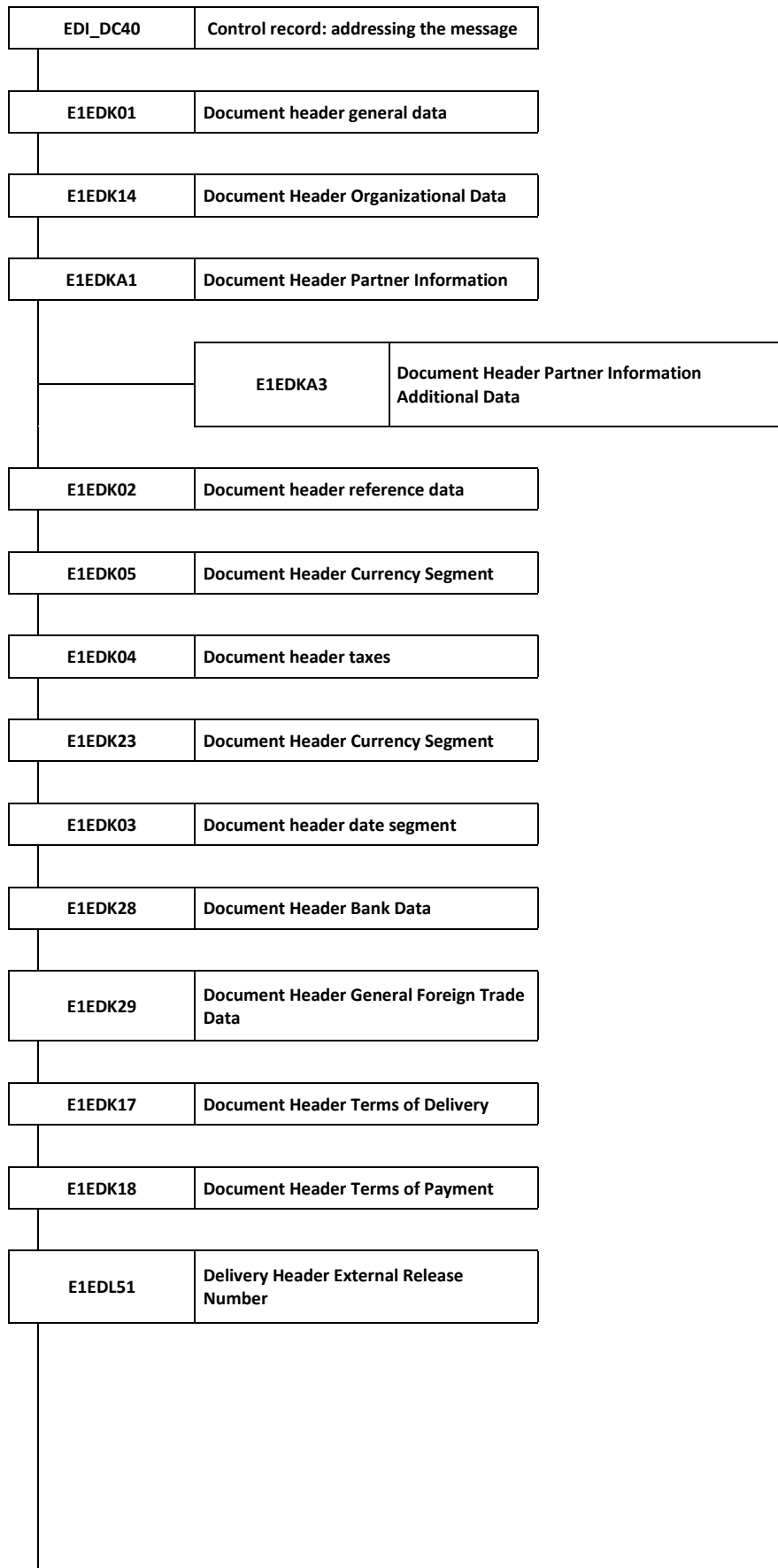
Based on the business process certain fields will always be filled as they are mandatory for the underlying process despite being technically marked as optional.

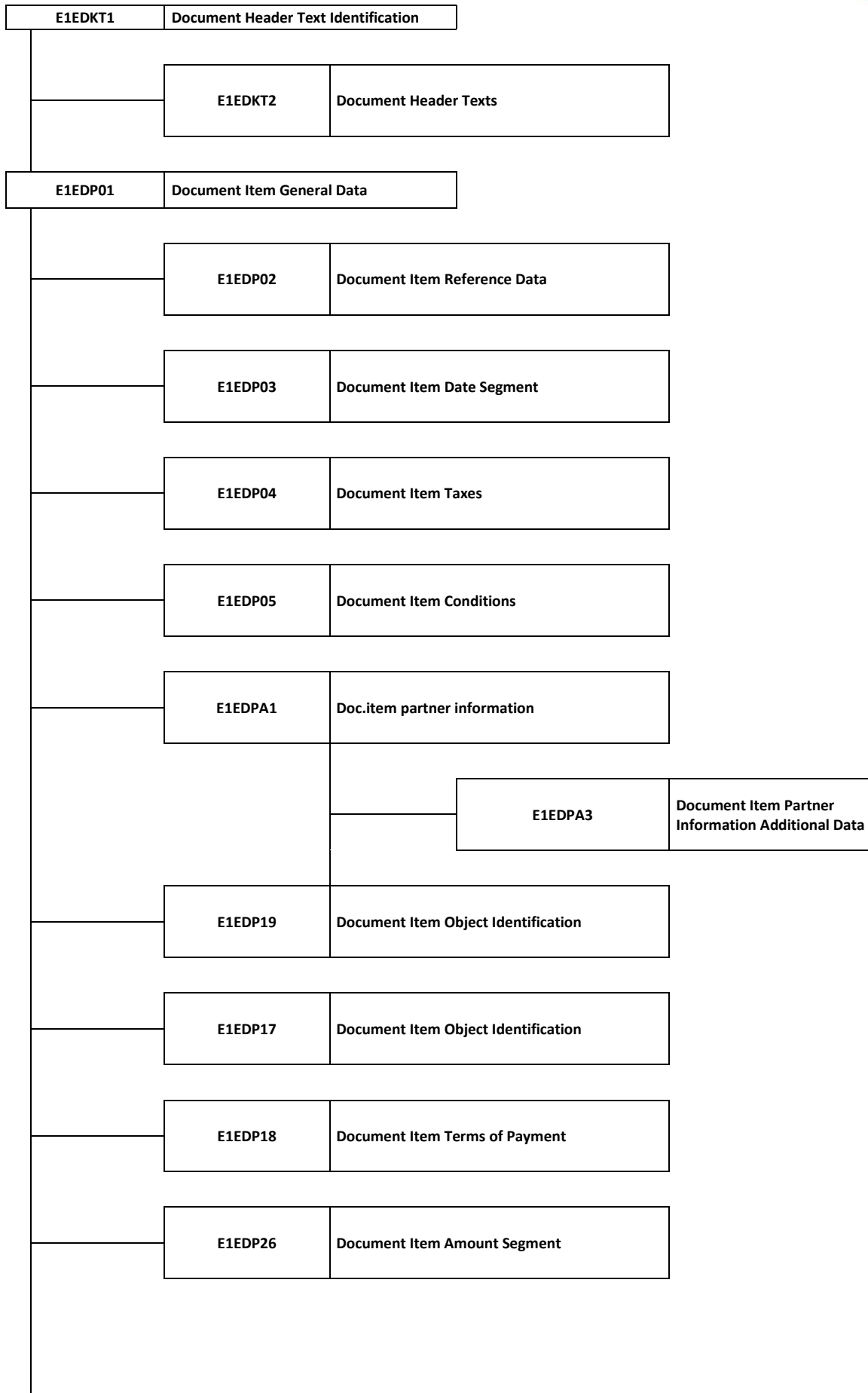
Organizational data such as AG, LF, WE may differ from the examples provided, based on the relevant scenario of a customer relationship.

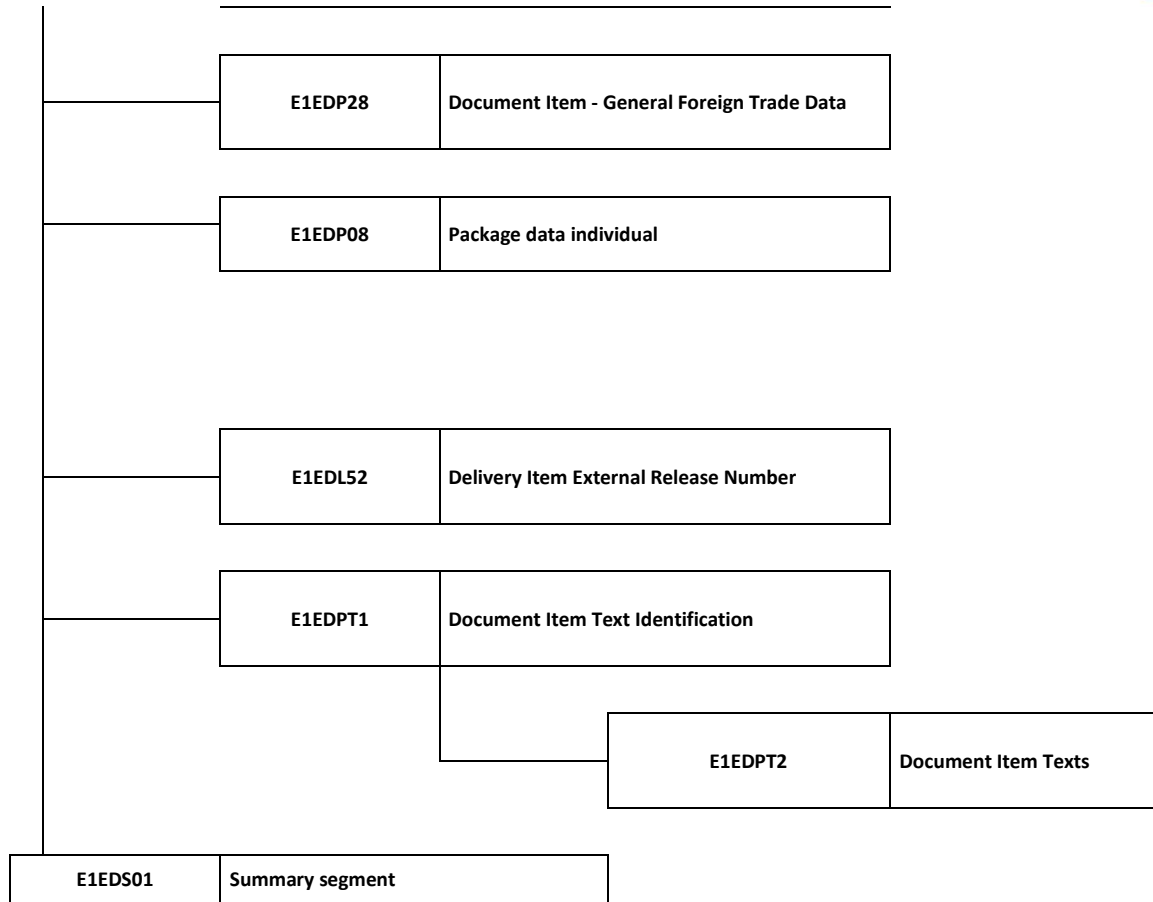
Details for the technical connection and contacts for the development phase can be found in the ifm connection sheet.

If you have any questions concerning this guide, please send an e-mail to:
edi.support@ifm.com

1.0 Message structure







2.0 Segment description

| field | Pos. Seg. | type | length | M/O | content/ example | description en |
|--|-----------|------|--------|-----|--------------------------------|----------------------------------|
| GSVERF03 | | | | | | |
| Control record: addressing the message | | | | | | |
| EDI_DC40 | | | | | | |
| TABNA M | 1 | CHAR | 10 | M | EDI_DC40 | constant value "EDI_DC40" |
| MANDT | 2 | CLNT | 3 | O | 600 | client |
| DOCNU M | 3 | CHAR | 16 | M | 85714239 | idoc number |
| DOCREL | 4 | CHAR | | O | 750 | release |
| STATUS | 5 | CHAR | 2 | O | 30 | status of idoc |
| DIRECT | 6 | CHAR | 1 | M | 1 | direction |
| OUTMO D | 7 | CHAR | 1 | | 2 | output mode |
| EXPRSS | 8 | CHAR | 1 | | | overriding in inbound processing |
| TEST | 9 | CHAR | 1 | | | test flag |
| IDOCTYP | 10 | CHAR | 30 | M | GSVERF03 | name of basic type |
| CIMTYP | 11 | CHAR | 30 | O | | extension |
| MESTYP | 12 | CHAR | 30 | M | GSVERF | message type |
| MESCO D | 13 | CHAR | 3 | O | | message code |
| MESFCT | 14 | CHAR | 3 | O | | message function |
| STD | 15 | CHAR | 1 | | E | EDI standard, flag |
| STDVRS | 16 | CHAR | 6 | | | EDI standard, version |
| STDMES | 17 | CHAR | 6 | | | message type |
| SNDPOR | 18 | CHAR | 10 | M | LS | sender port |
| SNDPRT | 19 | CHAR | 2 | M | | partner type of sender |
| SNDPFC | 20 | CHAR | 2 | | | partner function of sender |
| SNDPRN | 21 | CHAR | 10 | M | sender number in target system | sender address |
| SNDSAD | 22 | CHAR | 21 | | | logical address of sender |
| SNDLAD | 23 | CHAR | 70 | | | receiver port |
| RCVPOR | 24 | CHAR | 10 | M | LI | partner type of recipient |
| RCVPRT | 25 | CHAR | 2 | O | RS | partner number of recipient |
| RCVPFC | 26 | CHAR | 2 | O | recipient number in own system | recipient address |
| RCVPRN | 27 | CHAR | 10 | O | 1002990 | logical address of recipient |
| RCVSAD | 28 | CHAR | 21 | O | | |
| RCVLAD | 29 | CHAR | 70 | O | | |
| CREDAT | 30 | DATS | 8 | O | sending date (YYYYMMDD) | created on |
| CRETIM | 31 | TIMS | 6 | O | sending time (HHMMSS) | time created |
| REFINT | 32 | CHAR | 14 | | | message |
| REFGRP | 33 | CHAR | 14 | | | key for external archive |
| REFMES | 34 | CHAR | 14 | | | serialization |
| ARCKEY | 35 | CHAR | 70 | | | |
| SERIAL | 36 | CHAR | 20 | O | | Serialization |

| E1EDK01 | | O | | 1/10 | | Document header general data | |
|---------------|----|------|----|------|--|-------------------------------------|---|
| ACTION | 1 | CHAR | 3 | | | | Action code for the whole EDI message |
| KZABS | 2 | CHAR | 1 | | | | Flag: order acknowledgment required |
| CURCY | 3 | CHAR | 3 | | | EUR | Currency |
| HWAER | 4 | CHAR | 3 | | | | EDI local currency |
| WKURS | 5 | CHAR | 12 | | | | Exchange rate |
| ZTERM | 6 | CHAR | 17 | | | | Terms of payment key |
| KUNDEU INR | 7 | CHAR | 20 | | | DE119651782 | VAT Registration Number |
| EIGENUI NR | 8 | CHAR | 20 | | | | VAT Registration Number |
| BSART | 9 | CHAR | 4 | | | | Document Type |
| BELNR | 10 | CHAR | 35 | | | 5200000821 | IDOC document number |
| NTGEW | 11 | CHAR | 18 | | | | Net weight |
| BRGEW | 12 | CHAR | 18 | | | | Gross weight |
| GEWEI | 13 | CHAR | 3 | | | | Weight unit |
| FKART_ RL | 14 | CHAR | 4 | | | | Invoice list type |
| ABLAD | 15 | CHAR | 25 | | | | Unloading Point |
| BSTZD | 16 | CHAR | 4 | | | | Purchase order number supplement |
| VSART | 17 | CHAR | 3 | | | | Shipping Conditions |
| VSART_ BEZ | 18 | CHAR | 20 | | | | Description of the Shipping Type |
| RECIPT _NO | 19 | CHAR | 10 | | | 1002990 | Number of recipient (for control by the ALE model) |
| KZAZU | 20 | CHAR | 1 | | | | Order Combination Indicator |
| AUTLF | 21 | CHAR | 1 | | | | Complete delivery defined for each sales order? |
| AUGRU | 22 | CHAR | 1 | | | | Order reason (reason for the business transaction) |
| AUGRU_ BEZ | 23 | CHAR | 3 | | | | Description |
| ABRVW | 24 | CHAR | 40 | | | | Usage Indicator |
| ABRVW _BEZ | 25 | CHAR | 3 | | | | Description |
| FKTYP | 26 | CHAR | 20 | | | | Billing category |
| LIFSK | 27 | CHAR | 1 | | | | Delivery block (document header) |
| LIFSK_ EZ | 28 | CHAR | 2 | | | | Description |
| EMPST | 29 | CHAR | 25 | | | | Receiving point |
| ABTNR | 30 | CHAR | 4 | | | | Department number |
| DELCO | 31 | CHAR | 3 | | | | Agreed delivery time |
| WKURS_ M | 32 | CHAR | 12 | | | | Indirectly quoted exchange rate in an IDoc segment |
| E1EDK14 | | O | | 1/10 | | Document Header Organizational Data | |
| QUALF | 1 | CHAR | 3 | | | | IDOC qualifier organization |
| ORGID | 2 | CHAR | 35 | | | | IDOC organization |
| E1EDKA1 | | O | | 1/10 | | Document Header Partner Information | |
| PARVW | 1 | CHAR | 3 | | | AG | Partner function (e.g. sold-to party, ship-to party, ...) |

| | | | | | | |
|---------------|----|------|----|--|---------------------|---|
| PARTN | 2 | CHAR | 17 | | | Partner number |
| LIFNR | 3 | CHAR | 17 | | | Partner number |
| NAME1 | 4 | CHAR | 35 | | ifm electronic gmbh | Name 1 |
| NAME2 | 5 | CHAR | 35 | | | Name 2 |
| NAME3 | 6 | CHAR | 35 | | | Name 3 |
| NAME4 | 7 | CHAR | 35 | | | Name 4 |
| STRAS | 8 | CHAR | 35 | | Friedrichstraße 1 | Street and house number 1 |
| STRS2 | 9 | CHAR | 35 | | | Street and house number 2 |
| PFACH | 10 | CHAR | 35 | | | PO Box |
| ORT01 | 11 | CHAR | 35 | | Essen | City |
| COUNC | 12 | CHAR | 9 | | | County code |
| PSTLZ | 13 | CHAR | 9 | | 45128 | Postal code |
| PSTL2 | 14 | CHAR | 9 | | | P.O. Box postal code |
| LAND1 | 15 | CHAR | 3 | | DE | Country Key |
| ABLAD | 16 | CHAR | 35 | | | Unloading Point |
| PERNR | 17 | CHAR | 30 | | | Contact person's personnel number |
| PARNR | 18 | CHAR | 30 | | | Contact person's number (not personnel number) |
| TELF1 | 19 | CHAR | 25 | | | 1st telephone number of contact person |
| TELF2 | 20 | CHAR | 25 | | | 2nd telephone number of contact person |
| TELBX | 21 | CHAR | 25 | | | Telebox number |
| TELFX | 22 | CHAR | 25 | | | Fax number |
| TELTX | 23 | CHAR | 25 | | | Teletex number |
| TELX1 | 24 | CHAR | 25 | | | Telex number |
| SPRAS | 25 | CHAR | 1 | | | Language key |
| ANRED | 26 | CHAR | 15 | | | Form of Address |
| ORT02 | 27 | CHAR | 35 | | | District |
| HAUSN | 28 | CHAR | 6 | | | House number |
| STOCK | 29 | CHAR | 6 | | | Floor |
| REGIO | 30 | CHAR | 3 | | | Region |
| PARGE | 31 | CHAR | 1 | | | Partner's gender |
| ISOAL | 32 | CHAR | 2 | | | Country ISO code |
| ISONU | 33 | CHAR | 2 | | | Country ISO code |
| FCODE | 34 | CHAR | 20 | | | Company key (France) |
| IHREZ | 35 | CHAR | 30 | | | Your reference (Partner) |
| BNAME | 36 | CHAR | 35 | | | IDoc user name |
| PAORG | 37 | CHAR | 30 | | | IDOC organization code |
| ORGTX | 38 | CHAR | 35 | | | IDoc organization code text |
| PAGRU | 39 | CHAR | 30 | | | IDoc group code |
| KNREF | 40 | CHAR | 30 | | | Customer description of partner (plant, storage location) |
| ILNNR | 41 | CHAR | 70 | | | Character field, length 70 |
| PFORT | 42 | CHAR | 35 | | | PO Box city |
| SPRAS_I SO | 43 | CHAR | 2 | | DE | 2-Character SAP Language Code |

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|----------------|----------|-------------|------|--|--|------------------------------------|--|
| | TITLE | 44 | CHAR | 15 | | | Title |
| E1EDKA3 | O | 1/99 | | Document Header Partner Information Additional Data | | | |
| | QUALP | 1 | CHAR | 3 | | | IDOC Partner identification (e.g. Dun&Bradstreet number) |
| | STDPN | 2 | CHAR | 70 | | | Character field, length 70 |
| E1EDK02 | O | 1/20 | | Document header reference data | | | |
| | QUALF | 1 | CHAR | 3 | | | qualifier reference document |
| | BELNR | 2 | CHAR | 35 | | | document number |
| | POSNR | 3 | CHAR | 6 | | | Item number |
| | DATUM | 4 | CHAR | 8 | | | Date |
| | UZEIT | 5 | CHAR | 6 | | | Time |
| E1EDK05 | O | 1/99 | | Document Header Currency Segment | | | |
| | ALCKZ | 1 | CHAR | 3 | | | Surcharge or discount indicator |
| | KSCHL | 2 | CHAR | 4 | | | Condition type (coded) |
| | KOTXT | 3 | CHAR | 80 | | | Condition text |
| | BETRG | 4 | CHAR | 18 | | | Fixed surcharge/discount on total gross |
| | KPERC | 5 | CHAR | 8 | | | Condition percentage rate |
| | KRATE | 6 | CHAR | 15 | | | Condition record per unit |
| | UPRBS | 7 | CHAR | 9 | | | Price unit |
| | MEAUN | 8 | CHAR | 3 | | | Unit of measurement |
| | KOBTR | 9 | CHAR | 18 | | | IDoc condition end amount |
| | MWSKZ | 10 | CHAR | 7 | | | VAT indicator |
| | MSATZ | 11 | CHAR | 17 | | | VAT rate |
| | KOEIN | 12 | CHAR | 3 | | | Currency |
| E1EDK04 | O | 1/4 | | Document header taxes | | | |
| | MWSKZ | 1 | CHAR | 7 | | 1 | VAT indicator |
| | MSATZ | 2 | CHAR | 17 | | DA | VAT rate |
| | MWSBT | 3 | CHAR | 18 | | 0.38 | Value added tax amount |
| | TXJCD | 4 | CHAR | 15 | | | Tax Jurisdiction |
| | KTEXT | 5 | CHAR | 50 | | Vorsteuer Inland - Regelsteuersatz | Text Field |
| E1EDK23 | O | 1/4 | | Document Header Currency Segment | | | |
| | QUALF | 1 | CHAR | 3 | | | Qualifier currency |
| | WAERZ | 2 | CHAR | 3 | | | Three-digit character field for IDocs |
| | WAERQ | 3 | CHAR | 3 | | | Three-digit character field for IDocs |
| | KURS | 4 | CHAR | 12 | | | Character Field of Length 12 |
| | DATUM | 5 | CHAR | 8 | | | IDOC: Date |
| | ZEIT | 6 | CHAR | 6 | | | IDOC: Time |
| | KURS_M | 7 | CHAR | 12 | | | Indirectly quoted exchange rate in an IDoc segment |
| E1EDK03 | O | 1/20 | | Document header date segment | | | |
| | IDDAT | 1 | CHAR | 3 | | 1 | Qualifier for IDOC date segment |
| | DATUM | 2 | CHAR | 8 | | 015 | IDOC: Date |
| | UZEIT | 3 | CHAR | 6 | | 20200519 | IDOC: Time |



| E1EDK28 | | O | | | 1/20 | | Document Header Bank Data | |
|---------|----|------|----|--|------|--|---|--|
| BCOUN | 1 | CHAR | 3 | | | | Country Key | |
| BRNUM | 2 | CHAR | 17 | | | | Bank Key | |
| BNAME | 3 | CHAR | 70 | | | | Bank name | |
| BALOC | 4 | CHAR | 70 | | | | Location of bank | |
| ACNUM | 5 | CHAR | 30 | | | | Account number in bank data | |
| ACNAM | 6 | CHAR | 35 | | | | Account holder in bank data | |
| BIBAN | 7 | CHAR | 34 | | | | IBAN (International Bank Account Number) | |
| E1EDK29 | | O | | | 1/20 | | Document Header General Foreign Trade Data | |
| EXNUM | 1 | CHAR | 10 | | | | Number of foreign trade data in MM and SD documents | |
| ALAND | 2 | CHAR | 3 | | | | Departure country (country from which the goods are sent) | |
| EXPVZ | 3 | CHAR | 1 | | | | Mode of Transport for Foreign Trade | |
| ZOLLA | 4 | CHAR | 6 | | | | Customs Office: Office of Exit/Entry for Foreign Trade | |
| ZOLLB | 5 | CHAR | 6 | | | | Customs office: Office of destination for foreign trade | |
| ZOLL1 | 6 | CHAR | 6 | | | | Customs office: Customs office 1 for foreign trade | |
| ZOLL2 | 7 | CHAR | 6 | | | | Customs office: Customs office 2 for foreign trade | |
| ZOLL3 | 8 | CHAR | 6 | | | | Customs office: Customs office 3 for foreign trade | |
| ZOLL4 | 9 | CHAR | 6 | | | | Customs office: Customs office 4 for foreign trade | |
| ZOLL5 | 10 | CHAR | 6 | | | | Customs office: Customs office 5 for foreign trade | |
| ZOLL6 | 11 | CHAR | 6 | | | | Customs office: Customs office 6 for foreign trade | |
| KZGBE | 12 | CHAR | 30 | | | | Indicator for means of transport crossing the border | |
| KZABE | 13 | CHAR | 30 | | | | Indicator for the means of transport at departure | |
| STGBE | 14 | CHAR | 3 | | | | Origin of Means of Transport when Crossing the Border | |
| STABE | 15 | CHAR | 3 | | | | Country of Origin of the Means of Transport at Departure | |
| CONTA | 16 | CHAR | 1 | | | | ID: Goods cross border in a container | |
| GRWCU | 17 | CUKY | 5 | | | | Currency of statistical values for foreign trade | |
| GRWRT | 18 | CHAR | 18 | | | | Total value of sum segment | |
| LAND1 | 19 | CHAR | 3 | | | | Country Key | |
| LANDX | 20 | CHAR | 15 | | | | Country Name | |
| LANDA | 21 | CHAR | 3 | | | | Alternative Country Key | |
| XEGLD | 22 | CHAR | 1 | | | | Indicator: European Union Member? | |
| FREIH | 23 | CHAR | 1 | | | | Indicator: Free Trade Area for Legal Control | |
| EWRCO | 24 | CHAR | 1 | | | | ID: European Economic Area (rel. for export control) | |

| | | | | | | |
|--|-------------|----|----------|----|--|--|
| | USC05 | 25 | CHAR | 5 | | USA: Five-Digit Country Code (SED: Schedule C Code) |
| | JAP05 | 26 | CHAR | 5 | | Japan: Five digit country code (MITI customs declaration) |
| | ALANX | 27 | CHAR | 15 | | Country of dispatch - Description |
| | ALANA | 28 | CHAR | 3 | | Alternative country key for country of dispatch/export |
| | LASTA | 29 | CHAR | 3 | | Alt. key to nationality of means of transport (departarture) |
| | LASTG | 30 | CHAR | 3 | | Alt. key for nationality of means of transport at border |
| | ALSCH | 31 | CHAR | 3 | | Alternative country key for sold-to party |
| | ALSRE | 32 | CHAR | 5 | | Currency code by country directory |
| | LADEO | 33 | CHAR | 15 | | Place of loading |
| | IEVER | 34 | CHAR | 1 | | Domestic Mode of Transport for Foreign Trade |
| | BANR01 | 35 | CHAR | 16 | | FT-EDI: Declarations to the authorities - ID no. 01 |
| | BANR02 | 36 | CHAR | 3 | | FT-EDI: Declarations to the authorities: ID no. |
| | BANR03 | 37 | NUM C | 7 | | Customs number of exporter |
| | BANR04 | 38 | NUM C | 7 | | Customs number of exporter |
| | BANR05 | 39 | NUM C | 7 | | Customs number of exporter |
| | BANR06 | 40 | NUM C | 7 | | Customs number of exporter |
| | BANR07 | 41 | NUM C | 7 | | Customs number of exporter |
| | BANR08 | 42 | NUM C | 7 | | Customs number of exporter |
| | BANR09 | 43 | CHAR | 3 | | FT-EDI: Declarations to the authorities: ID no. |
| | BANR10 | 44 | CHAR | 8 | | FT-EDI: Declarations to the authorities - ID no. 10 |
| | WZOCU | 45 | CUKY | 5 | | Currency of customs values for import prog in foreign trade |
| | EXPVZT X | 46 | CHAR | 20 | | Description |
| | ZOLLATX | 47 | CHAR | 30 | | Description |
| | ZOLLBTX | 48 | CHAR | 30 | | Description |
| | STGBET X | 49 | CHAR | 15 | | Country Name |
| | STABET X | 50 | CHAR | 15 | | Country Name |
| | FREIHTX | 51 | CHAR | 20 | | Description |
| | LADEL | 52 | CHAR | 40 | | Place of loading/unloading for foreign trade |
| | TEXT1 | 53 | CHAR | 40 | | Comments: Text for foreign trade processing |
| | TEXT2 | 54 | CHAR | 40 | | Comments: Text for foreign trade processing |
| | TEXT3 | 55 | CHAR | 40 | | Comments: Text for foreign trade processing |
| | GBNUM | 56 | CHAR | 20 | | Foreign Trade:Customs declaration list no. for Foreign Trade |

| | | | | | | | | |
|----------------|-------------|---------------|------|----|--|-------------------------|---|--|
| | REGNR | 57 | CHAR | 20 | | | Registration number for import processing in foreign trade | |
| | AUSFU | 58 | CHAR | 10 | | | Exporter for import processing in foreign trade | |
| | IEVER_TX | 59 | CHAR | 20 | | | Description | |
| | LAZL1 | 60 | CHAR | 3 | | | Customs office: Country of customs office for foreign trade | |
| | LAZL2 | 61 | CHAR | 3 | | | Customs office: Country of customs office for foreign trade | |
| | LAZL3 | 62 | CHAR | 3 | | | Customs office: Country of customs office for foreign trade | |
| | LAZL4 | 63 | CHAR | 3 | | | Customs office: Country of customs office for foreign trade | |
| | LAZL5 | 64 | CHAR | 3 | | | Customs office: Country of customs office for foreign trade | |
| | LAZL6 | 65 | CHAR | 3 | | | Customs office: Country of customs office for foreign trade | |
| | AZOLL | 66 | CHAR | 6 | | | Customs office: Export customs office for foreign trade | |
| | AZOLLTX | 67 | CHAR | 30 | | | Description | |
| | BFMAR | 68 | CHAR | 6 | | | Foreign Trade: Type of means of transport | |
| | FTVBD | 69 | CHAR | 1 | | | Association Indicator for Foreign Trade | |
| | CUDCL | 70 | CHAR | 3 | | | Customs declaration type for customs processing in FT | |
| | FTUPD | 71 | CHAR | 1 | | | Data service update indicator - Foreign Trade | |
| E1EDK17 | O | 1/10 | | | Document Header Terms of Delivery | | | |
| | QUALF | 1 | CHAR | 3 | | | IDOC qualifier: Terms of delivery | |
| | LKOND | 2 | CHAR | 3 | | | IDOC delivery condition code | |
| | LKTEXT | 3 | CHAR | 70 | | | IDOC delivery condition text | |
| E1EDK18 | O | 1/10 | | | Document Header Terms of Payment | | | |
| | QUALF | 1 | CHAR | 3 | | | IDOC qualifier: Terms of payment | |
| | TAGE | 2 | CHAR | 8 | | | IDOC Number of days | |
| | PRZNT | 3 | CHAR | 8 | | | IDOC percentage for terms of payment | |
| | ZTERM_TXT | 4 | CHAR | 70 | | | Text line | |
| E1EDL51 | O | 1/9999 | | | Delivery Header External Release Number | | | |
| | QUALF | 1 | CHAR | 3 | | | Qualifier for external release number | |
| | PRODN | 2 | CHAR | 35 | | | External release number | |
| E1EDKT1 | O | 1/99 | | | Document Header Text Identification | | | |
| | TDID | 1 | CHAR | 4 | | 001 | Text ID | |
| | TSSPRAS | 2 | CHAR | 3 | | D | Language Key | |
| | TSSPRAS_ISO | 3 | CHAR | 2 | | | 2-Character SAP Language Code | |
| | TDOBJE CT | 4 | CHAR | 10 | | | Texts: application object | |
| | TDOBNAME | 5 | CHAR | 70 | | | Name | |
| E1EDKT2 | O | 1/999 | | | Document Header Texts | | | |
| | TDLINE | 1 | CHAR | 70 | | Konsignationsabrechnung | Text line | |

| E1EDP01 | | TDFOR | | CHAR | | | Tag column |
|---------|----|----------|----------|------|---|----------------------------|--|
| | | MAT | 2 | | 2 | | |
| | | O | 1/999999 | | | Document Item General Data | |
| POSEX | 1 | CHAR | 6 | | | 10 | Item number |
| ACTION | 2 | CHAR | 3 | | | | Action code for the item |
| PSTYP | 3 | CHAR | 1 | | | | Item Category |
| KZABS | 4 | CHAR | 1 | | | | Flag: order acknowledgment required |
| MENGE | 5 | CHAR | 14 | | | 2.000 | Quantity |
| MENEE | 6 | CHAR | 3 | | | PCE | Unit of measure |
| BMNG2 | 7 | CHAR | 15 | | | | Quantity in price unit |
| PMENE | 8 | CHAR | 3 | | | | Price Unit of Measure |
| ABFTZ | 9 | CHAR | 7 | | | | Agreed cumulative quantity |
| VPREI | 10 | CHAR | 15 | | | | Price (net) |
| PEINH | 11 | CHAR | 9 | | | | Price unit |
| NETWR | 12 | CHAR | 18 | | | 2.00 | Item value (net) |
| ANETW | 13 | CHAR | 18 | | | | Absolute net value of item |
| SKFBP | 14 | CHAR | 18 | | | | Amount qualifying for cash discount |
| NTGEW | 15 | CHAR | 18 | | | | Net weight |
| GEWEI | 16 | CHAR | 3 | | | | Weight unit |
| EINKZ | 17 | CHAR | 1 | | | | Flag: More than one schedule line for the item |
| CURCY | 18 | CHAR | 3 | | | EUR | Currency |
| PREIS | 19 | CHAR | 18 | | | | Gross price |
| MATKL | 20 | CHAR | 9 | | | | IDOC material class |
| UEPOS | 21 | CHAR | 6 | | | | Higher-Level Item in BOM Structures |
| GRKOR | 22 | CHAR | 3 | | | | Delivery group (items delivered together) |
| EVERS | 23 | CHAR | 7 | | | | Shipping instructions |
| BPUMN | 24 | DEC | 6 | | | | Denominator for Conv. of Order Price Unit into Order Unit |
| BPUMZ | 25 | DEC | 6 | | | | Numerator for Conversion of Order Price Unit into Order Unit |
| ABGRU | 26 | CHAR | 2 | | | | Reason for rejection of quotations and sales orders |
| ABGRT | 27 | CHAR | 40 | | | | Description |
| ANTLF | 28 | CHAR | 1 | | | | Maximum number of partial deliveries allowed per item |
| FIXMG | 29 | CHAR | 1 | | | | Delivery date and quantity fixed |
| KZAZU | 30 | CHAR | 1 | | | | Order Combination Indicator |
| BRGEW | 31 | CHAR | 18 | | | | Total weight |
| PSTYV | 32 | CHAR | 4 | | | | Sales Document Item Category |
| EMPST | 33 | CHAR | 25 | | | | Receiving point |
| ABTNR | 34 | CHAR | 4 | | | | Department number |
| ABRVW | 35 | CHAR | 3 | | | | Usage Indicator |
| WERKS | 36 | CHAR | 4 | | | 1110 | Plant |
| LPRIO | 37 | NUM C | 2 | | | | Delivery Priority |

| | | | | | | | |
|----------------|----------|-------------|----|--|-------------------------------------|--|--|
| LPRIO_BEZ | 38 | CHAR | 20 | | | Description | |
| ROUTE | 39 | CHAR | 6 | | | Route | |
| ROUTE_BEZ | 40 | CHAR | 40 | | | Description | |
| LGORT | 41 | CHAR | 4 | | TTWE | Storage Location | |
| VSTEL | 42 | CHAR | 4 | | | Shipping Point/Receiving Point | |
| DELCO | 43 | CHAR | 3 | | | Agreed delivery time | |
| MATNR | 44 | CHAR | 35 | | | IDOC material ID | |
| VALTG | 45 | NUM C | 2 | | | Additional value days | |
| HIPOS | 46 | NUM C | 6 | | | Superior item in an item hierarchy | |
| HIEVW | 47 | CHAR | 1 | | | Use of Hierarchy Item | |
| POSGUID | 48 | CHAR | 22 | | | ATP: Encryption of DELNR and DELPS | |
| MATNR_EXTERNAL | 49 | CHAR | 40 | | | Material Number | |
| MATNR_VERSION | 50 | CHAR | 10 | | | Version Number for MATNR Field | |
| MATNR_GUID | 51 | CHAR | 32 | | | External GUID for MATNR Field | |
| IUID_RELEVANT | 52 | CHAR | 1 | | | IUID-Relevant | |
| SGT_RCAT | 53 | CHAR | 16 | | | Requirement Segment | |
| SGT_SCAT | 54 | CHAR | 16 | | | Stock Segment | |
| HANDOVERLOC | 55 | CHAR | 10 | | | Location for a physical handover of goods | |
| MATNR_LONG | 56 | CHAR | 40 | | | Material Number (40 Characters, needed f. technical reasons) | |
| REQ_SEG_LONG | 57 | CHAR | 40 | | | Requirement Segment | |
| STK_SEG_LONG | 58 | CHAR | 40 | | | Stock Segment | |
| E1EDP02 | O | 1/25 | | | Document Item Reference Data | | |
| QUALF | 1 | CHAR | 3 | | 10 | IDOC qualifier reference document | |
| BELNR | 2 | CHAR | 35 | | 4931761653 | IDOC document number | |
| ZEILE | 3 | CHAR | 6 | | 1 | Item number | |
| DATUM | 4 | CHAR | 8 | | | IDOC: Date | |
| UZEIT | 5 | CHAR | 6 | | | IDOC: Time | |
| BSARK | 6 | CHAR | 35 | | | IDOC organization | |
| IHREZ | 7 | CHAR | 30 | | | Your reference (Partner) | |
| RMA | 8 | CHAR | 20 | | | Order Acknowledgment Number | |
| REASON | 9 | CHAR | 3 | | | Order reason (reason for the business transaction) | |
| RSNTXT | 10 | CHAR | 40 | | | Description | |
| E1EDP03 | O | 1/25 | | | Document Item Date Segment | | |
| IDDAT | 1 | CHAR | 3 | | | Qualifier for IDOC date segment | |
| DATUM | 2 | CHAR | 8 | | | Date | |
| UZEIT | 3 | CHAR | 6 | | | Time | |
| E1EDP04 | O | 1/25 | | | Document Item Taxes | | |

| | | | | | | | | | |
|----------------|----------|-------------|----|-------------------------------------|-----|--|------------------------------------|---|--|
| | | MWSKZ | 1 | CHAR | 7 | | DA | VAT indicator | |
| | | MSATZ | 2 | CHAR | 17 | | | VAT rate | |
| | | MWSBT | 3 | CHAR | 118 | | | Value added tax amount | |
| | | TXJCD | 4 | CHAR | 15 | | | Tax Jurisdiction | |
| | | KTEXT | 5 | CHAR | 50 | | Vorsteuer Inland - Regelsteuersatz | Text Field | |
| E1EDP05 | O | 1/99 | | Document Item Conditions | | | | | |
| | | ALCKZ | 1 | CHAR | 3 | | | Surcharge or discount indicator | |
| | | KSCHL | 2 | CHAR | 4 | | | Condition type (coded) | |
| | | KOTXT | 3 | CHAR | 80 | | | Condition text | |
| | | BETRG | 4 | CHAR | 18 | | | Fixed surcharge/discount on total gross | |
| | | KPERC | 5 | CHAR | 8 | | | Condition percentage rate | |
| | | KRATE | 6 | CHAR | 15 | | | Condition record per unit | |
| | | UPRBS | 7 | CHAR | 9 | | | Price unit | |
| | | MEAUN | 8 | CHAR | 3 | | | Unit of measurement | |
| | | KOBTR | 9 | CHAR | 18 | | | IDoc condition end amount | |
| | | MENGE | 10 | CHAR | 15 | | | Price scale quantity (SPEC2000) | |
| | | PREIS | 11 | CHAR | 15 | | | Price by unit of measure (SPEC2000) | |
| | | MWSKZ | 12 | CHAR | 7 | | | VAT indicator | |
| | | MSATZ | 13 | CHAR | 17 | | | VAT rate | |
| | | KOEIN | 14 | CHAR | 3 | | | Currency | |
| | | CURTP | 15 | CHAR | 2 | | | Currency type and valuation view | |
| | | KOBAS | 16 | CHAR | 18 | | | Base value to which condition refers | |
| E1EDPA1 | O | 1/20 | | Doc.item partner information | | | | | |
| | | PARVW | 1 | CHAR | 3 | | | Partner function (e.g. sold-to party, ship-to party, ...) | |
| | | PARTN | 2 | CHAR | 17 | | | Partner number | |
| | | LIFNR | 3 | CHAR | 35 | | | Vendor number at customer location | |
| | | NAME1 | 4 | CHAR | 35 | | | Name 1 | |
| | | NAME2 | 5 | CHAR | 35 | | | Name 2 | |
| | | NAME3 | 6 | CHAR | 35 | | | Name 3 | |
| | | NAME4 | 7 | CHAR | 35 | | | Name 4 | |
| | | STRAS | 8 | CHAR | 35 | | | Street and house number 1 | |
| | | STRS2 | 9 | CHAR | 35 | | | Street and house number 2 | |
| | | PFACH | 10 | CHAR | 35 | | | PO Box | |
| | | ORT01 | 11 | CHAR | 35 | | | City | |
| | | COUNC | 12 | CHAR | 9 | | | County code | |
| | | PSTLZ | 13 | CHAR | 9 | | | Postal code | |
| | | PSTL2 | 14 | CHAR | 9 | | | P.O. Box postal code | |
| | | LAND1 | 15 | CHAR | 3 | | | Country Key | |
| | | ABLAD | 16 | CHAR | 35 | | | Unloading Point | |
| | | PERNR | 17 | CHAR | 30 | | | Contact person's personnel number | |
| | | PARNR | 18 | CHAR | 30 | | | Contact person's number (not personnel number) | |

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|---|----|------|----|--|-----------------------------------|---|
| TELF1 | 19 | CHAR | 25 | | | 1st telephone number of contact person |
| TELF2 | 20 | CHAR | 25 | | | 2nd telephone number of contact person |
| TELBX | 21 | CHAR | 25 | | | Telebox number |
| TELFX | 22 | CHAR | 25 | | | Fax number |
| TELTXT | 23 | CHAR | 25 | | | Teletex number |
| TELX1 | 24 | CHAR | 25 | | | Telex number |
| SPRAS | 25 | CHAR | 1 | | | Language key |
| ANRED | 26 | CHAR | 15 | | | Form of Address |
| ORT02 | 27 | CHAR | 35 | | | District |
| HAUSN | 28 | CHAR | 6 | | | House number |
| STOCK | 29 | CHAR | 6 | | | Floor |
| REGIO | 30 | CHAR | 3 | | | Region |
| PARGE | 31 | CHAR | 1 | | | Partner's gender |
| ISOAL | 32 | CHAR | 2 | | | Country ISO code |
| ISONU | 33 | CHAR | 2 | | | Country ISO code |
| FCODE | 34 | CHAR | 20 | | | Company key (France) |
| IHREZ | 35 | CHAR | 30 | | | Your reference (Partner) |
| BNAME | 36 | CHAR | 35 | | | IDoc user name |
| PAORG | 37 | CHAR | 30 | | | IDOC organization code |
| ORGTXT | 38 | CHAR | 35 | | | IDoc organization code text |
| PAGRU | 39 | CHAR | 30 | | | IDoc group code |
| KNREF | 40 | CHAR | 30 | | | Customer description of partner (plant, storage location) |
| ILNNR | 41 | CHAR | 70 | | | Character field, length 70 |
| PFORT | 42 | CHAR | 35 | | | PO Box city |
| SPRAS_ISO | 43 | CHAR | 2 | | | 2-Character SAP Language Code |
| TITLE | 44 | CHAR | 15 | | | Title |
| E1EDPA3 O 1/99 Document Item Partner Information Additional Data | | | | | | |
| QUALP | 1 | CHAR | 3 | | | IDOC Partner identification (e.g.Dun&Bradstreet number) |
| STDPN | 2 | CHAR | 70 | | | Character field, length 70 |
| E1EDP19 O 1/10 Document Item Object Identification | | | | | | |
| QUALF | 1 | CHAR | 3 | | 1 | IDOC object identification such as material no.,customer |
| IDTNR | 2 | CHAR | 35 | | 00000000000600408 | IDOC material ID |
| KTEXT | 3 | CHAR | 70 | | OPV SINGLE TLC271 SO8/157 051N | IDOC short text |
| MFRPN | 4 | CHAR | 42 | | | Manufacturer part number |
| MFRNR | 5 | CHAR | 10 | | | Manufacturer number |
| IDTNR_EXTERNAL | 6 | CHAR | 40 | | 600408 | Length of Material (Future Development) for Field IDTNR |
| IDTNR_VERSION | 7 | CHAR | 10 | | | Version Number (Future Development) for Field IDTNR |

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|----------------|----------------|-------------|----------|----|---|----------------------------------|--|
| | IDTNR_GUID | 8 | CHAR | 32 | | 005056941A0F1ED2ABE81179DB9637FB | External GUID (Future Development) for Field IDTNR |
| | IDTNR_L ONG | 9 | CHAR | 40 | | | IDOC material ID |
| E1EDP17 | O | 1/10 | | | Document item terms of delivery | | |
| | QUALF | 1 | CHAR | 3 | | | IDOC qualifier: Terms of delivery |
| | LKOND | 2 | CHAR | 3 | | | IDOC delivery condition code |
| | LKTEXT | 3 | CHAR | 70 | | | IDOC delivery condition text |
| | LPRIO | 4 | NUM C | 2 | | | Delivery Priority |
| E1EDP18 | O | 1/10 | | | Document Item Terms of Payment | | |
| | QUALF | 1 | CHAR | 3 | | | IDOC qualifier: Terms of payment |
| | TAGE | 2 | CHAR | 8 | | | IDOC Number of days |
| | PRZNT | 3 | CHAR | 8 | | | IDOC percentage for terms of payment |
| | ZTERM_ TXT | 4 | CHAR | 70 | | | IDOC Text line |
| E1EDP26 | O | 1/20 | | | Document Item Amount Segment | | |
| | QUALF | 1 | CHAR | 3 | | 003 | Qualifier amount |
| | BETRG | 2 | CHAR | 18 | | 2.00 | Total value of sum segment |
| E1EDP28 | O | 1/9 | | | Document Item - General Foreign Trade Data | | |
| | EXNUM | 1 | CHAR | 10 | | | Number of foreign trade data in MM and SD documents |
| | EXPOS | 2 | NUM C | 6 | | | Internal item number for foreign trade data in MM and SD |
| | STAWN | 3 | CHAR | 17 | | | Commodity Code/Import Code Number for Foreign Trade |
| | EXPRF | 4 | CHAR | 5 | | | Export/Import procedure for foreign trade (5 digits) |
| | EXART | 5 | CHAR | 2 | | | Business Transaction Type for Foreign Trade |
| | HERKL | 6 | CHAR | 3 | | | Country of Origin of Material (Non-Preferential Origin) |
| | HERKR | 7 | CHAR | 3 | | | Region of Origin of Material (Non-Preferential Origin) |
| | HERTA | 8 | CHAR | 3 | | | Alternative country key for country of origin |
| | HERTI | 9 | CHAR | 15 | | | Description of country of export/dispatch |
| | STXT1 | 10 | CHAR | 40 | | | Description of commodity code - First line |
| | STXT2 | 11 | CHAR | 40 | | | Description of commodity code - Second line |
| | STXT3 | 12 | CHAR | 40 | | | Description of commodity code - Third line |
| | STXT4 | 13 | CHAR | 40 | | | Description of commodity code - Fourth line |
| | STXT5 | 14 | CHAR | 40 | | | Description of commodity code - Fifth line |
| | STXT6 | 15 | CHAR | 40 | | | Description of commodity code - Sixth line |
| | STXT7 | 16 | CHAR | 40 | | | Description of commodity code - Seventh line |
| | BEMAS | 17 | CHAR | 5 | | | Supplementary unit |
| | PREFE | 18 | CHAR | 1 | | | Preference indicator in export/import |

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|----------|----|------|----|--|--|
| BOLNR | 19 | CHAR | 35 | | Bill of lading |
| TRATY | 20 | CHAR | 4 | | Means of Transport Type |
| TRAID | 21 | CHAR | 20 | | Means of Transport ID |
| BRULO | 22 | CHAR | 18 | | Total weight |
| NETLO | 23 | CHAR | 18 | | Net weight |
| VEMEH | 24 | UNIT | 3 | | Base Unit of Measure of the Quantity to be Packed (VEMNG) |
| HERBL | 25 | CHAR | 2 | | State of manufacture |
| BMGEW | 26 | CHAR | 18 | | Net weight |
| TEXT1 | 27 | CHAR | 40 | | Comments: Text for foreign trade processing |
| TEXT2 | 28 | CHAR | 40 | | Comments: Text for foreign trade processing |
| TEXT3 | 29 | CHAR | 40 | | Comments: Text for foreign trade processing |
| COIMP | 30 | CHAR | 17 | | Code number for import processing in foreign trade |
| COADI | 31 | CHAR | 6 | | Anti-dumping code for import processing in foreign trade |
| COKON | 32 | CHAR | 6 | | Customs quota code for import processing in foreign trade |
| COPHA | 33 | CHAR | 6 | | Pharmaceutical products code (Foreign Trade) |
| CASNR | 34 | CHAR | 15 | | CAS number for pharmaceutical products in foreign trade |
| VERLD | 35 | CHAR | 3 | | Country of dispatch for Foreign Trade |
| VERLD_TX | 36 | CHAR | 15 | | Country Name |
| HANLD | 37 | CHAR | 3 | | Trading country for foreign trade |
| HANLD_TX | 38 | CHAR | 15 | | Country Name |
| EXPRF_TX | 39 | CHAR | 30 | | Description |
| EXART_TX | 40 | CHAR | 30 | | Description |
| GBNUM | 41 | CHAR | 20 | | Foreign Trade:Customs declaration list no. for Foreign Trade |
| REGNR | 42 | CHAR | 20 | | Registration number for import processing in foreign trade |
| HERSE | 43 | CHAR | 10 | | Manufacturer number for import processing in foreign trade |
| HERKR_TX | 44 | CHAR | 20 | | Description |
| COBLD | 45 | CHAR | 17 | | Import code no. in destination country for foreign trade |
| EIOKA | 46 | CHAR | 1 | | EDI: Export/Import customs tariff number for foreign trade |
| VERFA | 47 | CHAR | 8 | | Export/Import Procedure for Foreign Trade |
| PRENC | 48 | CHAR | 1 | | Exemption certificate: Indicator for legal control |
| PRENO | 49 | CHAR | 8 | | Exemption certificate number for legal control |
| PREND | 50 | DATS | 8 | | Exemption certificate: Issue date of exemption certificate |

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|----------------|----------|----------------|--|----|--|---|
| | BESMA | 51 | UNIT | 3 | | Supplementary unit |
| | IMPMA | 52 | UNIT | 3 | | Second unit of measurement |
| | KTNUM | 53 | CHAR | 10 | | Quota or Ceiling Number for Import Processing |
| | PLNUM | 54 | CHAR | 10 | | Quota or Ceiling Number for Import Processing |
| | WKREG | 55 | CHAR | 3 | | Region in which plant is located |
| | IMGWEW | 56 | CHAR | 18 | | Net weight |
| E1EDP08 | O | 1/99 | Package data individual | | | |
| | HLNUM | 1 | CHAR | 12 | | Hierarchy number |
| | PARENT | 2 | CHAR | 12 | | Hierarchical parent ID |
| | LEVEL | 3 | CHAR | 12 | | Pack/subpack level ID |
| | EXIDV | 4 | CHAR | 45 | | External shipping unit ID |
| | VENUM | 5 | CHAR | 10 | | Internal Handling Unit Number |
| | VEMEH | 6 | UNIT | 3 | | Base Unit of Measure of the Quantity to be Packed (VEMNG) |
| | PCKAR | 7 | CHAR | 35 | | Packing type |
| | PCKNR | 8 | CHAR | 35 | | Customer number of shipping unit |
| | ANZAR | 9 | CHAR | 15 | | Number of products per shipping unit |
| | VBELN | 10 | CHAR | 35 | | Delivery |
| | POSNR | 11 | CHAR | 30 | | Delivery item |
| | BTGEW | 12 | CHAR | 18 | | Total weight |
| | NTGEW | 13 | CHAR | 18 | | Net weight |
| | TARAG | 14 | CHAR | 18 | | Tare weight of shipping unit |
| | GEWEI | 15 | CHAR | 3 | | Weight unit |
| | BTVOL | 16 | CHAR | 18 | | Total volume of shipping unit |
| | NTVOL | 17 | CHAR | 18 | | Loading volume of shipping unit |
| | TAVOL | 18 | CHAR | 18 | | Tare volume of shipping unit |
| | VOLEH | 19 | CHAR | 3 | | Volume unit |
| | LAENG | 20 | CHAR | 18 | | Length |
| | BREIT | 21 | CHAR | 18 | | Width |
| | HOEHE | 22 | CHAR | 18 | | Height |
| | MEABM | 23 | CHAR | 3 | | Unit for length/width/height |
| | MEINS | 24 | CHAR | 3 | | Base unit of measure |
| | VSTEL | 25 | CHAR | 17 | | Shipping point |
| | LSTEL | 26 | CHAR | 17 | | Loading point |
| | PKNRS | 27 | CHAR | 1 | | Shipment number key for VDA/Odette |
| E1EDL52 | O | 1/99999 | Delivery Item External Release Number | | | |
| | QUALF | 1 | CHAR | 3 | | Qualifier for external release number |
| | PRODN | 2 | CHAR | 35 | | External release number |
| | ITMNR | 3 | CHAR | 35 | | External Item Number |
| | SQUNT | 4 | QUAN | 17 | | Single Quantity of Material in External Document |
| E1EDPT1 | O | 1/99 | Document Item Text Identification | | | |
| | TDID | 1 | CHAR | 4 | | Text ID |

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|--|----------------|----------|-------------|------------------------|----------------------------|--------|--|
| | TSSPRAS | 2 | CHAR | 3 | | | Language Key |
| | TSSPRAS | 3 | CHAR | 2 | | | 2-Character SAP Language Code |
| | E1EDPT2 | O | 1/9 | 99 | Document Item Texts | | |
| | TDLINE | 1 | CHAR | 70 | | | Text line |
| | TDFOR | 2 | CHAR | 2 | | | Tag column |
| | E1EDS01 | O | 1/30 | Summary segment | | | |
| | WAERQ | 1 | CHAR | 3 | | | Qualifier for totals segment for shipping notification |
| | SUMME | 2 | CHAR | 18 | | | Total value of sum segment |
| | SUMIT | 3 | CHAR | 3 | | 001 | Total value unit for totals segment in the shipping notif. |
| | WAERQ | 4 | CHAR | 3 | | 000001 | Currency |

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|--|----------|
| | Not used |
|--|----------|