



# EDI GUIDE

XML-DELVRY03

Version 1.0

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Änderungsblatt

| Version | changed    | from      | Site | Notes   |
|---------|------------|-----------|------|---------|
| 1.0     | 29.06.2020 | 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](mailto:edi.support@ifm.com)

## 1.0 Message structure

|                 | M/O | length      |  |
|-----------------|-----|-------------|--|
| <b>DELVR03</b>  |     |             |  |
| <b>EDI_DC40</b> |     |             | Control record: addressing the message                 |
| <b>E1EDL20</b>  | M   | 1/99999     | Delivery header  |
| <b>E1EDL22</b>  | O   | 1/1         | Delivery Header Descriptions                           |
| <b>E1EDL21</b>  | O   | 1/1         | Delivery Header Additional Data                        |
| <b>E1EDL23</b>  | O   | 1/1         | Deliv.Header Addit.Data Descriptions                   |
| <b>E1EDL51</b>  | O   | 1/99999     | Delivery Header External Release Number                |
| <b>E1EDD01</b>  | O   | 1/1         | DG header data (delivery)                              |
| <b>E1EDL18</b>  | O   | 1/99        | IDOC: Controlling (Delivery)                           |
| <b>E1EDL55</b>  | O   | 1/99        | IDOC Reference Number                                  |
| <b>E1ADRM1</b>  | O   | 1/99        | Central Address Segment Group, Main Segment            |
| <b>E1ADRE1</b>  | O   | 1/10        | Central Address Segment Group, Additional Data Segment |
| <b>E1EDT13</b>  | O   | 1/99        | IDoc: Deadline (delivery)                              |
| <b>E1EDL40</b>  | O   | 1/1         | Points (delivery deadlines)                            |
| <b>E1ADRM2</b>  | O   | 1/1         | Central Address Segment Group, Main Segment            |
| <b>E1TXTH0</b>  | O   | 1/99        | General Text Header                                    |
| <b>E1TXTP0</b>  | O   | 1/999999    | General Text Segment                                   |
| <b>E1TXTH8</b>  | O   | 1/99        | General Text Header                                    |
| <b>E1TXTP8</b>  | O   | 1/99        | General Text Segment                                   |
| <b>E1EDDH2</b>  | O   | 1/99        | IDOC: DG text header (delivery header)                 |
| <b>E1EDDP2</b>  | O   | 1/999999999 | IDOC: DG text lines (delivery header)                  |
| <b>E1EDL33</b>  | O   | 1/1         | Export Data Delivery Header                            |
| <b>E1EDL34</b>  | O   | 1/1         | Export Data Delivery Header Descriptions               |
| <b>E1EDL28</b>  | O   | 1/1         | Routes   |
| <b>E1EDL29</b>  | O   | 1/1         | Routes Descriptions                                    |
| <b>E1EDL30</b>  | O   | 1/99        | Route Stages   |
| <b>E1EDL31</b>  | O   | 1/1         | Route Stage Descriptions                               |



|         |         |   |              |   |
|---------|---------|---|--------------|---|
|         | E1EDL32 | O | 1/9          | Route Stage Point                                   |
|         | E1EDL45 | O | 1/1          | Points descriptions                                 |
|         | E1ADRM3 | O | 1/1          | Central Address Segment Group, Main Segment         |
| E1EDL47 |         | O | 1/1          | Express Delivery Company's Tracking Connection Data |
|         | E1EDL48 | O | 1/9999999    | Express Delivery Company - Additional Data          |
| E1EDL24 |         | O | 1/999999     | Delivery Item                                       |
|         | E1EDL25 | O | 1/1          | Delivery Item Descriptions                          |
|         | E1EDL26 | O | 1/1          | Delivery Item Additional Data                       |
|         | E1EDL27 | O | 1/1          | Delivery Item Additional Data Descriptions          |
|         | E1EDL52 | O | 1/99999      | Delivery Item External Release Number               |
|         | E1EDL53 | O | 1/99999      | Delivery Item POD                                   |
|         | E1EDD10 | O | 1/99999      | DG item data 1 (delivery)                           |
|         | E1EDD11 | O | 1/1          | DG item data descriptions 1 (delivery)              |
|         | E1EDD15 | O | 1/1          | DG item data descriptions 2 (delivery)              |
|         | E1EDD12 | O | 1/999999     | DG item data 2 (delivery)                           |
|         | E1EDD16 |   | 1/1          | DG item data descriptions 3 (delivery)              |
|         | E1EDD13 | O | 1/99         | Hazard notes on item level (delivery)               |
|         | E1EDDH3 | O | 1/99         | IDOC: DG text header (delivery item)                |
|         | E1EDDP3 | O | 1/9999999999 | IDOC: DG text lines (delivery item)                 |
| E1EDD14 |         | O | 1/1          | DG control data (delivery item)                     |
|         | E1EDL19 | O | 1/99         | IDOC: Controlling (Delivery Item)                   |
|         | E1EDL11 | O | 1/99999999   | IDOC: Serial Number                                 |
|         | E1EDL15 | O | 1/9999       | IDOC: Batch Characteristic                          |
|         | E1EDL35 | O | 1/1          | Export Data Delivery Item                           |
|         | E1EDL36 | O | 1/1          | Export Data Delivery Item Descriptions              |
|         | E1EDL43 | O | 1/99         | IDoc: Reference                                     |
|         | E1EDL41 | O | 1/2          | Reference data ordering party                       |
|         | E1EDL42 | O | 1/1          | Reference data ordering party texts                 |



|  |         |   |            |   |
|--|---------|---|------------|---|
|  | E1TXTH9 | O | 1/99       | General Text Header                                 |
|  | E1TXTP9 | O | 1/99       | General Text Segment                                |
|  | E1EDL12 | O | 1/9999     | IDOC: Configuration                                 |
|  | E1EDL37 | O | 1/99999    | Handling unit header                                |
|  | E1EDL39 | O | 1/9        | Control Segment for Handling Units                  |
|  | E1EDL38 | O | 1/1        | Handling Unit Header Descriptions                   |
|  | E1EDL49 | O | 1/1        | Express Delivery Company's Tracking Connection Data |
|  | E1EDL50 | O | 1/999999   | Express Delivery Company - Additional Data          |
|  | E1EDL44 | O | 1/99999    | Handling Unit Item (Delivery)                       |
|  | E1EDL46 | O | 1/99999999 | Serial Numbers HU/UII                               |
|  | E1EDL54 | O | 1/99999    | Repack Handling Units                               |

## 2.0 Segment description

| field                                  | Pos. Seg. | type | length | M/O | content/example                | description en                   |
|--|-----------|------|--------|-----|--------------------------------|----------------------------------|
| <b>DELVRY03</b>                        |           |      |        |     |                                |                                  |
| Control record: addressing the message |           |      |        |     |                                |                                  |
| TABNAM                                 | 1         | CHAR | 10     | M   | EDI_DC40                       | constant value "EDI_DC40"        |
| MANDT                                  | 2         | CLNT | 3      | O   | 600                            | client                           |
| DOCNUM                                 | 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                        |
| OUTMOD                                 | 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   | DELVRY03                       | name of basic type               |
| CIMTYP                                 | 11        | CHAR | 30     | O   |                                | extension                        |
| MESTYP                                 | 12        | CHAR | 30     | M   | STPPOD                         | message type                     |
| MESCOD                                 | 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     |     |                                |                                  |

| field   | Pos. Seg. | type | length | M/O | content/example | description en  |
|---|-----------|------|--------|-----|-----------------|---|
| SERIAL  | 36        | CHAR | 20     | O   |                 | serialization   |
| <b>E1EDL20 M 1/99999 Delivery header</b>          |           |      |        |     |                 |   |
| VBELN   | 1         | CHAR | 10     |     |                 | Sales and Distribution Document Number                |
| VSTEL   | 2         | CHAR | 4      |     |                 | Shipping Point/Receiving Point                        |
| VKORG   | 3         | CHAR | 4      |     |                 | Sales Organization                                    |
| LSTEL   | 4         | CHAR | 2      |     |                 | Loading Point   |
| VKBUR   | 5         | CHAR | 4      |     |                 | Sales Office  |
| LGNUM   | 6         | CHAR | 3      |     |                 | Warehouse Number / Warehouse Complex                  |
| ABLAD   | 7         | CHAR | 25     |     |                 | Unloading Point                                       |
| INCO1   | 8         | CHAR | 3      |     |                 | Incoterms (Part 1)                                    |
| INCO2   | 9         | CHAR | 28     |     |                 | Incoterms (Part 2)                                    |
| ROUTE   | 10        | CHAR | 6      |     |                 | Route   |
| VSBED   | 11        | CHAR | 2      |     |                 | Shipping Conditions                                   |
| BTGEW   | 12        | QUAN | 17     |     |                 | Total Weight  |
| NTGEW   | 13        | QUAN | 15     |     |                 | Net Weight  |
| GEWEI   | 14        | UNIT | 3      |     |                 | Weight Unit   |
| VOLUM   | 15        | QUAN | 15     |     |                 | Volume  |
| VOLEH   | 16        | UNIT | 3      |     |                 | Volume Unit   |
| ANZPK   | 17        | NUMC | 5      |     |                 | Total number of packages in delivery                  |
| BOLNR   | 18        | CHAR | 35     |     |                 | Bill of lading  |
| TRATY   | 19        | CHAR | 4      |     |                 | Means of Transport Type                               |
| TRAIID  | 20        | CHAR | 20     |     |                 | Means of Transport ID                                 |
| XABLN   | 21        | CHAR | 10     |     |                 | Goods Receipt/Issue Slip Number                       |
| LIFEX   | 22        | CHAR | 35     |     | TI NUM          | External Identification of Delivery Note              |
| PARID   | 23        | CHAR | 35     |     |                 | External partner number                               |
| PODAT   | 24        | DATS | 8      |     | 20200618        | Date (proof of delivery)                              |
| POTIM   | 25        | TIMS | 6      |     | 133254          | Confirmation time                                     |
| LOC_SEQ   | 26        | CHAR | 3      |     |                 | Sequence of Intermediate Locations in Returns Process |
| HOLD  | 27        | CHAR | 1      |     |                 | Inbound delivery header not yet complete (on Hold)    |
| MAX_ERR_TYPE                                      | 28        | CHAR | 1      |     |                 | Maximum Error Type Occurred                           |
| LE_SCENARIO                                       | 29        | CHAR | 1      |     |                 | Scenario Logistic Execution                           |
| RECIPIENT_CREATE                                  | 30        | CHAR | 1      |     |                 | Created by Recipient                                  |
| INCOV   | 31        | CHAR | 4      |     |                 | Incoterms Version                                     |
| INCO2_L   | 32        | CHAR | 70     |     |                 | Incoterms Location 1                                  |
| INCO3_L   | 33        | CHAR | 70     |     |                 | Incoterms Location 2                                  |
| <b>E1EDL22 O 1/1 Delivery Header Descriptions</b> |           |      |        |     |                 |   |
| VSTEL_BEZ   | 1         | CHAR | 30     |     |                 | Description of shipping point                         |
| VKORG_BEZ   | 2         | CHAR | 20     |     |                 | Description of sales                                  |



| field  | Pos. Seg. | type | length | M/O | content/example | description en                                  |
|--|-----------|------|--------|-----|-----------------|---|
|  |           |      |        |     |                 | organization                                    |
| LSTEL_BEZ  | 3         | CHAR | 20     |     |                 | Loading point description                       |
| VKBUR_BEZ  | 4         | CHAR | 20     |     |                 | Description of sales office                     |
| LGNUM_BEZ  | 5         | CHAR | 25     |     |                 | Warehouse number description                    |
| INCO1_BEZ  | 6         | CHAR | 30     |     |                 | Incoterm description                            |
| ROUTE_BEZ  | 7         | CHAR | 40     |     |                 | Route description                               |
| VSBED_BEZ  | 8         | CHAR | 20     |     |                 | Description of the shipping conditions          |
| TRATY_BEZ  | 9         | CHAR | 20     |     |                 | Description of shipping material type           |
| INCOV_BEZ  | 10        | CHAR | 25     |     |                 | Name of the controlling area                    |
| <b>E1EDL21 O 1/1 Delivery Header Additional Data</b>             |           |      |        |     |                 |   |
| LFART  | 1         | CHAR | 4      |     |                 | Delivery Type                                   |
| BZIRK  | 2         | CHAR | 6      |     |                 | Sales district                                  |
| AUTLF  | 3         | CHAR | 1      |     |                 | Complete delivery defined for each sales order? |
| EXPKZ  | 4         | CHAR | 1      |     |                 | Export indicator                                |
| LIFSK  | 5         | CHAR | 2      |     |                 | Delivery block (document header)                |
| LPRIO  | 6         | NUMC | 2      |     |                 | Delivery Priority                               |
| KDGRP  | 7         | CHAR | 2      |     |                 | Customer group                                  |
| BEROT  | 8         | CHAR | 20     |     |                 | Picked items location                           |
| TRAGR  | 9         | CHAR | 4      |     |                 | Transportation Group                            |
| TRSPG  | 10        | CHAR | 2      |     |                 | Shipment Blocking Reason                        |
| AULWE  | 11        | CHAR | 10     |     |                 | Route Schedule                                  |
| <b>E1EDL23 O 1/1 Deliv.Header Addit.Data Descriptions</b>        |           |      |        |     |                 |   |
| LFART_BEZ  | 1         | CHAR | 20     |     |                 | Delivery type description                       |
| LPRIO_BEZ  | 2         | CHAR | 20     |     |                 | Description of delivery priorities              |
| BZIRK_BEZ  | 3         | CHAR | 20     |     |                 | Name of the district                            |
| LIFSK_BEZ  | 4         | CHAR | 20     |     |                 | Description of reason for delivery block        |
| KDGRP_BEZ  | 5         | CHAR | 20     |     |                 | Description of customer group                   |
| TRAGR_BEZ  | 6         | CHAR | 20     |     |                 | Description of transportation group             |
| TRSPG_BEZ  | 7         | CHAR | 20     |     |                 | Description of reason for shipment block        |
| AULWE_BEZ  | 8         | CHAR | 40     |     |                 | Description of route schedule                   |
| <b>E1EDL51 O 1/99999 Delivery Header External Release Number</b> |           |      |        |     |                 |   |
| QUALF  | 1         | CHAR | 3      |     |                 | Qualifier for external release number           |
| PRODN  | 2         | CHAR | 35     |     |                 | External release number                         |

|            | field   | Pos. Seg. | type | length | M/O   | content/example       | description en                                       |
|------------|---|-----------|------|--------|-------|-----------------------|--|
| E1EDD01    | <b>O 1/1 DG header data (delivery)</b>                    |           |      |        |       |                       |  |
|            | NCDG  | 1         | CHAR | 1      |       |                       | Indicator: Document contains dangerous goods         |
|            | INR1  | 2         | CHAR | 1      |       |                       | Chapter 1.1.3.6                                      |
|            | ACTVTY_TOTAL_A2   | 3         | DEC  | 13     |       |                       | Total Activity as Multiple of A2 Value               |
|            | EXPL_NET_SUM  | 4         | QUAN | 11     |       |                       | Total Net Explosive Substance Mass                   |
|            | EXPL_NET_SUM_U  | 5         | UNIT | 3      |       |                       | Unit for Net Explosive Substance Mass                |
| E1EDL18    | <b>O 1/99 IDOC: Controlling (Delivery)</b>                |           |      |        |       |                       |  |
|            | QUALF   | 1         | CHAR | 3      |       | PGI                   | IDOC Qualifier: Control (Delivery)                   |
|            | PARAM   | 2         | CHAR | 20     |       | WE-Buchung            | IDOC: Control Parameters                             |
| E1EDL55    | <b>O 1/99 IDOC Reference Number</b>                       |           |      |        |       |                       |  |
|            | QUALF   | 1         | CHAR | 2      |       |                       | IDOC Qualifier Reference Number                      |
|            | REFNR   | 2         | CHAR | 35     |       |                       | 35-Character IDOC Reference Number                   |
| E1ADRM1    | <b>O 1/99 Central Address Segment Group, Main Segment</b> |           |      |        |       |                       |  |
|            | PARTNER_Q   | 1         | CHAR | 3      |       | WE-Buchung            | Qualifier for partner function                       |
|            | ADDRESS_T   | 2         | CHAR | 1      |       |                       | Addr. type   |
|            | PARTNER_ID  | 3         | CHAR | 17     |       | 1110                  | Partner no. (SAP)                                    |
|            | JURISDIC  | 4         | CHAR | 17     |       |                       | Location for tax calculation - Tax Jurisdiction Code |
|            | LANGUAGE  | 5         | CHAR | 2      |       | DE                    | Language key   |
|            | FORMOFADDR  | 6         | CHAR | 15     |       |                       | Form of address                                      |
|            | NAME1   | 7         | CHAR | 40     |       | ifm electronic gmbh   | Name or address line                                 |
|            | NAME2   | 8         | CHAR | 40     |       |                       | Name or address line                                 |
|            | NAME3   | 9         | CHAR | 40     |       |                       | Name or address line                                 |
|            | NAME4   | 10        | CHAR | 40     |       |                       | Name or address line                                 |
|            | NAME_TEXT   | 11        | CHAR | 50     |       |                       | Name or address line (formatted)                     |
|            | NAME_CO   | 12        | CHAR | 40     |       |                       | Subsequent line for name or address (c/o)            |
|            | LOCATION  | 13        | CHAR | 40     |       |                       | Location description of location                     |
|            | BUILDING  | 14        | CHAR | 10     |       |                       | Location description: Building                       |
|            | FLOOR   | 15        | CHAR | 10     |       |                       | Location description: Floor                          |
|            | ROOM  | 16        | CHAR | 10     |       |                       | Location description: Room                           |
|            | STREET1   | 17        | CHAR | 40     |       | ifm-Straße 1, Halle 8 | Street and house number                              |
|            | STREET2   | 18        | CHAR | 40     |       |                       | Street and house number                              |
|            | STREET3   | 19        | CHAR | 40     |       |                       | Street and house number                              |
|            | HOUSE_SUPL  | 20        | CHAR | 4      |       |                       | House number   |
|            | HOUSE_RANG  | 21        | CHAR | 10     |       |                       | House no. (interval)                                 |
| POSTL_COD1 | 22  | CHAR      | 10   |        | 88069 | Postal code           |  |



| field  | Pos. Seg. | type | length | M/O | content/example | description en  |
|--|-----------|------|--------|-----|-----------------|---|
| POSTL_COD3   | 23        | CHAR | 10     |     |                 | Postal code   |
| POSTL_AREA   | 24        | CHAR | 15     |     |                 | Post delivery district                                |
| CITY1  | 25        | CHAR | 40     |     | Tettngang       | Town or city  |
| CITY2  | 26        | CHAR | 40     |     |                 | Town or city  |
| POSTL_PBOX   | 27        | CHAR | 10     |     |                 | PO Box  |
| POSTL_COD2   | 28        | CHAR | 10     |     |                 | Postal code   |
| POSTL_CITY   | 29        | CHAR | 40     |     |                 | Town or city  |
| TELEPHONE1   | 30        | CHAR | 30     |     |                 | Telephone number                                      |
| TELEPHONE2   | 31        | CHAR | 30     |     |                 | Telephone number                                      |
| TELEFAX  | 32        | CHAR | 30     |     |                 | Fax number  |
| TELEX  | 33        | CHAR | 30     |     |                 | Telex number  |
| E_MAIL   | 34        | CHAR | 70     |     |                 | E-Mail Address  |
| COUNTRY1   | 35        | CHAR | 3      |     | DE              | Country indicator (ISO alphanumeric)                  |
| COUNTRY2   | 36        | CHAR | 3      |     |                 | Country indicator (ISO numeric)                       |
| REGION   | 37        | CHAR | 3      |     | 08              | Region, state   |
| COUNTY_COD   | 38        | CHAR | 3      |     |                 | County Code (e.g. in USA)                             |
| COUNTY_TXT   | 39        | CHAR | 25     |     |                 | County name (for example, in USA)                     |
| TZCODE   | 40        | CHAR | 6      |     |                 | Location for time zone (SAP code)                     |
| TZDESC   | 41        | CHAR | 35     |     |                 | Location for time zone (external code)                |
| <b>E1ADRE1 O 1/10 Central Address Segment Group, Additional Data Segment</b> |           |      |        |     |                 |   |
| EXTEND_Q   | 1         | CHAR | 3      |     |                 | Qualifier for additional data, e.g. ILN or D&B number |
| EXTEND_D   | 2         | CHAR | 70     |     |                 | Additional data, e.g. ILN or D&B no.                  |
| <b>E1EDT13 O 1/99 IDoc: Deadline (delivery)</b>                              |           |      |        |     |                 |   |
| QUALF  | 1         | CHAR | 4      |     | 006             | IDOC Qualifier: Date (Delivery)                       |
| VSTZW  | 2         | CHAR | 20     |     |                 | Deadline function                                     |
| VSTZW_BEZ  | 3         | CHAR | 8      |     |                 | Description   |
| NTANF  | 4         | DATS | 6      |     |                 | Constraint for activity start (Basic)                 |
| NTANZ  | 5         | TIMS | 8      |     |                 | Constraint for activity start time (Basic)            |
| NTEND  | 6         | DATS | 6      |     |                 | Constraint for finish of activity (Basic)             |
| NTENZ  | 7         | TIMS | 6      |     |                 | Basic finish time of the activity                     |
| TZONE_BEG  | 8         | CHAR | 6      |     |                 | Time Zone   |
| ISDD   | 9         | DATS | 8      |     | 20200618        | Actual start: Execution (date)                        |
| ISDZ   | 10        | TIMS | 6      |     | 133254          | Actual Start: Execution/Setup (Time)                  |
| IEDD   | 11        | DATS | 8      |     |                 | Actual finish: Execution (date)                       |
| IEDZ   | 12        | TIMS | 6      |     |                 | Actual Finish: Execution                              |

| field  | Pos. Seg. | type | length | M/O | content/example | description en                                       |
|--|-----------|------|--------|-----|-----------------|--|
|  |           |      |        |     |                 | (Time)   |
| TZONE_END  | 13        | CHAR | 6      |     |                 | Time Zone  |
| VORNR  | 14        | CHAR | 4      |     |                 | Activity Number                                      |
| VSTGA  | 15        | CHAR | 4      |     |                 | Deadline deviation reason                            |
| VSTGA_BEZ  | 16        | CHAR | 20     |     |                 | Description  |
| EVENT  | 17        | CHAR | 10     |     |                 | Event type   |
| EVENT_ALI  | 18        | CHAR | 20     |     |                 | Alias for the transaction (language-independent)     |
| <b>E1EDL40 O 1/1 Points (delivery deadlines)</b>                 |           |      |        |     |                 |  |
| KNOTE  | 1         | CHAR | 10     |     |                 | Transportation Connection Points                     |
| KNOTE_BEZ  | 2         | CHAR | 30     |     |                 | Node name  |
| <b>E1ADRM2 O 1/1 Central Address Segment Group, Main Segment</b> |           |      |        |     |                 |  |
| PARTNER_Q  | 1         | CHAR | 3      |     |                 | Qualifier for partner function                       |
| ADDRESS_T  | 2         | CHAR | 1      |     |                 | Addr. type   |
| PARTNER_ID   | 3         | CHAR | 17     |     |                 | Partner no. (SAP)                                    |
| JURISDIC   | 4         | CHAR | 17     |     |                 | Location for tax calculation - Tax Jurisdiction Code |
| LANGUAGE   | 5         | CHAR | 2      |     |                 | Language key   |
| FORMOFADDR   | 6         | CHAR | 15     |     |                 | Form of address                                      |
| NAME1  | 7         | CHAR | 40     |     |                 | Name or address line                                 |
| NAME2  | 8         | CHAR | 40     |     |                 | Name or address line                                 |
| NAME3  | 9         | CHAR | 40     |     |                 | Name or address line                                 |
| NAME4  | 10        | CHAR | 40     |     |                 | Name or address line                                 |
| NAME_TEXT  | 11        | CHAR | 50     |     |                 | Name or address line (formatted)                     |
| NAME_CO  | 12        | CHAR | 40     |     |                 | Subsequent line for name or address (c/o)            |
| LOCATION   | 13        | CHAR | 40     |     |                 | Location description of location                     |
| BUILDING   | 14        | CHAR | 10     |     |                 | Location description: Building                       |
| FLOOR  | 15        | CHAR | 10     |     |                 | Location description: Floor                          |
| ROOM   | 16        | CHAR | 10     |     |                 | Location description: Room                           |
| STREET1  | 17        | CHAR | 40     |     |                 | Street and house number                              |
| STREET2  | 18        | CHAR | 40     |     |                 | Street and house number                              |
| STREET3  | 19        | CHAR | 40     |     |                 | Street and house number                              |
| HOUSE_SUPL   | 20        | CHAR | 4      |     |                 | House number   |
| HOUSE_RANG   | 21        | CHAR | 10     |     |                 | House no. (interval)                                 |
| POSTL_COD1   | 22        | CHAR | 10     |     |                 | Postal code  |
| POSTL_COD3   | 23        | CHAR | 10     |     |                 | Postal code  |
| POSTL_AREA   | 24        | CHAR | 15     |     |                 | Post delivery district                               |
| CITY1  | 25        | CHAR | 40     |     |                 | Town or city   |
| CITY2  | 26        | CHAR | 40     |     |                 | Town or city   |
| POSTL_PBOX   | 27        | CHAR | 10     |     |                 | PO Box   |

| field  | Pos. Seg. | type | length | M/O | content/example | description en                         |
|--|-----------|------|--------|-----|-----------------|--|
| POSTL_COD2   | 28        | CHAR | 10     |     |                 | Postal code                            |
| POSTL_CITY   | 29        | CHAR | 40     |     |                 | Town or city                           |
| TELEPHONE1   | 30        | CHAR | 30     |     |                 | Telephone number                       |
| TELEPHONE2   | 31        | CHAR | 30     |     |                 | Telephone number                       |
| TELFAX   | 32        | CHAR | 30     |     |                 | Fax number                             |
| TELEX  | 33        | CHAR | 30     |     |                 | Telex number                           |
| E_MAIL   | 34        | CHAR | 70     |     |                 | E-Mail Address                         |
| COUNTRY1   | 35        | CHAR | 3      |     |                 | Country indicator (ISO alphanumeric)   |
| COUNTRY2   | 36        | CHAR | 3      |     |                 | Country indicator (ISO numeric)        |
| REGION   | 37        | CHAR | 3      |     |                 | Region, state                          |
| COUNTY_COD   | 38        | CHAR | 3      |     |                 | County Code (e.g. in USA)              |
| COUNTY_TXT   | 39        | CHAR | 25     |     |                 | County name (for example, in USA)      |
| TZCODE   | 40        | CHAR | 6      |     |                 | Location for time zone (SAP code)      |
| TZDESC   | 41        | CHAR | 35     |     |                 | Location for time zone (external code) |
| <b>E1TXTH0 O 1/99 General Text Header</b>                    |           |      |        |     |                 |  |
| FUNCTION   | 1         | CHAR | 3      |     |                 | Function (for transferred text)        |
| TDOBJECT   | 2         | CHAR | 10     |     |                 | Texts: application object              |
| TDOBNAME   | 3         | CHAR | 70     |     |                 | Name                                   |
| TDID   | 4         | CHAR | 4      |     |                 | Text ID                                |
| TDSPRAS  | 5         | LANG | 1      |     |                 | Language                               |
| TDTEXTTYPE   | 6         | CHAR | 6      |     |                 | SAPscript: Format of Text              |
| LANGUA_ISO   | 7         | CHAR | 2      |     |                 | Language key                           |
| <b>E1TXTP0 O 1/999999 General Text Segment</b>               |           |      |        |     |                 |  |
| TDFORMAT   | 1         | CHAR | 2      |     |                 | Tag column                             |
| TDLINE   | 2         | CHAR | 132    |     |                 | Text Line                              |
| <b>E1TXTH8 O 1/99 General Text Header</b>                    |           |      |        |     |                 |  |
| FUNCTION   | 1         | CHAR | 3      |     |                 | Function (for transferred text)        |
| TDOBJECT   | 2         | CHAR | 10     |     |                 | Texts: application object              |
| TDOBNAME   | 3         | CHAR | 70     |     |                 | Name                                   |
| TDID   | 4         | CHAR | 4      |     |                 | Text ID                                |
| TDSPRAS  | 5         | CHAR | 1      |     |                 | Language                               |
| TDTEXTTYPE   | 6         | CHAR | 6      |     |                 | SAPscript: Format of Text              |
| LANGUA_ISO   | 7         | CHAR | 2      |     |                 | Language key                           |
| <b>E1TXTP8 O 1/99 General Text Segment</b>                   |           |      |        |     |                 |  |
| TDFORMAT   | 1         | CHAR | 2      |     |                 | Tag column                             |
| TDLINE   | 2         | CHAR | 132    |     |                 | Text Line                              |
| <b>E1EDDH2 O 1/99 IDOC: DG text header (delivery header)</b> |           |      |        |     |                 |  |
| FUNCTION   | 1         | CHAR | 3      |     |                 | Function (for transferred text)        |
| TDOBJECT   | 2         | CHAR | 10     |     |                 | Texts: application object              |

| field   | Pos. Seg. | type | length | M/O | content/example | description en   |
|---|-----------|------|--------|-----|-----------------|--|
| TDOBNAM   | 3         | CHAR | 70     |     |                 | Name   |
| TDID  | 4         | CHAR | 4      |     |                 | Text ID  |
| TDTEXTYP  | 5         | CHAR | 6      |     |                 | SAPscript: Format of Text                                |
| LANGUA_ISO  | 6         | CHAR | 2      |     |                 | Language key   |
| PHRSEL  | 7         | CHAR | 30     |     |                 | Phrase Set   |
| IDENTIFIER  | 8         | CHAR | 61     |     |                 | Identification (DGTM2 field name)                        |
| LANGUA_PHR  | 9         | LANG | 1      |     |                 | Phrase language  |
| <b>E1EDDP2 O 1/99999999 IDOC: DG text lines (delivery header)</b> |           |      |        |     |                 |  |
| TDFORMAT  | 1         | CHAR | 2      |     |                 | Tag column   |
| TDLINE  | 2         | CHAR | 132    |     |                 | Text Line  |
| <b>E1EDL33 O 1/1 Export Data Delivery Header</b>                  |           |      |        |     |                 |  |
| ALAND   | 1         | CHAR | 3      |     |                 | Country of Destination                                   |
| EXPVZ   | 2         | CHAR | 1      |     |                 | Mode of Transport for Foreign Trade                      |
| ZOLLA   | 3         | CHAR | 6      |     |                 | Customs Office: Office of Exit/Entry for Foreign Trade   |
| ZOLLB   | 4         | CHAR | 6      |     |                 | Customs office: Office of destination for foreign trade  |
| ZOLL1   | 5         | CHAR | 6      |     |                 | Customs office: Customs office 1 for foreign trade       |
| ZOLL2   | 6         | CHAR | 6      |     |                 | Customs office: Customs office 2 for foreign trade       |
| ZOLL3   | 7         | CHAR | 6      |     |                 | Customs office: Customs office 3 for foreign trade       |
| ZOLL4   | 8         | CHAR | 6      |     |                 | Customs office: Customs office 4 for foreign trade       |
| ZOLL5   | 9         | CHAR | 6      |     |                 | Customs office: Customs office 5 for foreign trade       |
| ZOLL6   | 10        | CHAR | 6      |     |                 | Customs office: Customs office 6 for foreign trade       |
| KZGBE   | 11        | CHAR | 30     |     |                 | Indicator for means of transport crossing the border     |
| KZABE   | 12        | CHAR | 30     |     |                 | Indicator for the means of transport at departure        |
| STGBE   | 13        | CHAR | 3      |     |                 | Origin of Means of Transport when Crossing the Border    |
| STABE   | 14        | CHAR | 3      |     |                 | Country of Origin of the Means of Transport at Departure |
| CONTA   | 15        | CHAR | 1      |     |                 | ID: Goods cross border in a container                    |
| GRWCU   | 16        | CUKY | 5      |     |                 | Currency of statistical values for foreign trade         |
| IEVER   | 17        | CHAR | 1      |     |                 | Domestic Mode of Transport for Foreign Trade             |
| PREV_DOC_NO   | 18        | CHAR | 25     |     |                 | Previous Document Number                                 |
| PREV_DOC_TYPE   | 19        | CHAR | 10     |     |                 | Previous Document Type                                   |

| field   | Pos. Seg. | type | length | M/O | content/example | description en  |
|---|-----------|------|--------|-----|-----------------|---|
| <b>E1EDL34 O 1/1 Export Data Delivery Header Descriptions</b> |           |      |        |     |                 |   |
| EXPVZ_BEZ   | 1         | CHAR | 20     |     |                 | Description of mode of transport                            |
| ZOLLA_BEZ   | 2         | CHAR | 30     |     |                 | Customs office description                                  |
| ZOLLB_BEZ   | 3         | CHAR | 30     |     |                 | Description of office of destination                        |
| ZOLL1_BEZ   | 4         | CHAR | 30     |     |                 | Customs office 1 description                                |
| ZOLL2_BEZ   | 5         | CHAR | 30     |     |                 | Customs office 2 description                                |
| ZOLL3_BEZ   | 6         | CHAR | 30     |     |                 | Customs office 3 description                                |
| ZOLL4_BEZ   | 7         | CHAR | 30     |     |                 | Customs office 4 description                                |
| ZOLL5_BEZ   | 8         | CHAR | 30     |     |                 | Customs office 5 description                                |
| ZOLL6_BEZ   | 9         | CHAR | 30     |     |                 | Customs office 6 description                                |
| IEVER_BEZ   | 10        | CHAR | 20     |     |                 | Description of inland mode of transport                     |
| STGBE_BEZ   | 11        | CHAR | 15     |     |                 | Description of country of affiliation of means of transport |
| STABE_BEZ   | 12        | CHAR | 15     |     |                 | Cntry of affil. of means of transport at departure of goods |
| <b>E1EDL28 O 1/1 Routes</b>                                   |           |      |        |     |                 |   |
| ROUTE   | 1         | CHAR | 6      |     |                 | Route   |
| VSART   | 2         | CHAR | 2      |     |                 | Shipping type   |
| VSAVL   | 3         | CHAR | 2      |     |                 | Shipping type of preliminary leg                            |
| VSANL   | 4         | CHAR | 2      |     |                 | Shipping type of subsequent leg                             |
| ROUID   | 5         | CHAR | 100    |     |                 | Route identification  |
| DISTZ   | 6         | QUAN | 15     |     |                 | Distance  |
| MEDST   | 7         | UNIT | 3      |     |                 | Unit of measure for distance                                |
| <b>E1EDL29 O 1/1 Routes Descriptions</b>                      |           |      |        |     |                 |   |
| ROUTE_BEZ   | 1         | CHAR | 40     |     |                 | Route description   |
| VSART_BEZ   | 2         | CHAR | 20     |     |                 | Description of the Shipping Type                            |
| VSAVL_BEZ   | 3         | CHAR | 20     |     |                 | Description of shipping type of preliminary leg             |
| VSANL_BEZ   | 4         | CHAR | 20     |     |                 | Description of shipping type of subsequent leg              |
| <b>E1EDL30 O 1/99 Route Stages</b>                            |           |      |        |     |                 |   |
| ABNUM   | 1         | NUMC | 4      |     |                 | Stage Number  |
| ANFRF   | 2         | NUMC | 3      |     |                 | Itinerary for regular route                                 |
| VSART   | 3         | CHAR | 2      |     |                 | Shipping type   |
| DISTZ   | 4         | QUAN | 15     |     |                 | Distance  |
| MEDST   | 5         | UNIT | 3      |     |                 | Unit of measure for distance                                |
| TSTYP   | 6         | CHAR | 1      |     |                 | Stage category  |

|                           | field      | Pos. Seg. | type       | length   | M/O | content/example | description en                                       |
|---------------------------|------------|-----------|------------|--|-----|-----------------|--|
| <b>E1EDL31</b>            | <b>O</b>   |           | <b>1/1</b> | <b>Route Stage Descriptions</b>                    |     |                 |  |
|                           | VSART_BEZ  | 1         | CHAR       | 20   |     |                 | Description of the Shipping Type                     |
| <b>E1EDL32</b>            | <b>O</b>   |           | <b>1/9</b> | <b>Route Stage Point</b>                           |     |                 |  |
|                           | QUALI      | 1         | CHAR       | 3  |     |                 | Qualifier for stage point                            |
|                           | KNOTE      | 2         | CHAR       | 10   |     |                 | Transportation Connection Points                     |
|                           | ADRNR      | 3         | CHAR       | 10   |     |                 | Address  |
|                           | VSTEL      | 4         | CHAR       | 4  |     |                 | Shipping Point/Receiving Point                       |
|                           | LSTEL      | 5         | CHAR       | 2  |     |                 | Loading Point  |
|                           | WERKS      | 6         | CHAR       | 4  |     |                 | EDI plant number for shipping unit                   |
|                           | LGORT      | 7         | CHAR       | 4  |     |                 | Storage Location                                     |
|                           | KUNNR      | 8         | CHAR       | 10   |     |                 | Customer Number                                      |
|                           | LIFNR      | 9         | CHAR       | 10   |     |                 | Vendor number of destination point                   |
|                           | ABLAD      | 10        | CHAR       | 25   |     |                 | Unloading Point                                      |
|                           | LGNUM      | 11        | CHAR       | 3  |     |                 | Warehouse Number / Warehouse Complex                 |
|                           | LGTOR      | 12        | CHAR       | 3  |     |                 | Door for Warehouse Number                            |
| <b>E1EDL45</b>            | <b>O</b>   |           | <b>1/1</b> | <b>Points descriptions</b>                         |     |                 |  |
|                           | KNOTE_BEZ  | 1         | CHAR       | 30   |     |                 | Node name  |
|                           | VSTEL_BEZ  | 2         | CHAR       | 30   |     |                 | Description of shipping point                        |
|                           | LSTEL_BEZ  | 3         | CHAR       | 20   |     |                 | Loading point description                            |
|                           | WERKS_BEZ  | 4         | CHAR       | 30   |     |                 | Plant Descript.                                      |
|                           | LGORT_BEZ  | 5         | CHAR       | 16   |     |                 | Description of storage location                      |
|                           | LGNUM_BEZ  | 6         | CHAR       | 25   |     |                 | Warehouse number description                         |
|                           | LGTOR_BEZ  | 7         | CHAR       | 25   |     |                 | Door description                                     |
| <b>E1ADRM</b><br><b>3</b> | <b>O</b>   |           | <b>1/1</b> | <b>Central Address Segment Group, Main Segment</b> |     |                 |  |
|                           | PARTNER_Q  | 1         | CHAR       | 3  |     |                 | Qualifier for partner function                       |
|                           | ADDRES_T   | 2         | CHAR       | 1  |     |                 | Addr. type   |
|                           | PARTNER_ID | 3         | CHAR       | 17   |     |                 | Partner no. (SAP)                                    |
|                           | JURISDIC   | 4         | CHAR       | 17   |     |                 | Location for tax calculation - Tax Jurisdiction Code |
|                           | LANGUAGE   | 5         | CHAR       | 2  |     |                 | Language key   |
|                           | FORMOFADDR | 6         | CHAR       | 15   |     |                 | Form of address                                      |
|                           | NAME1      | 7         | CHAR       | 40   |     |                 | Name or address line                                 |
|                           | NAME2      | 8         | CHAR       | 40   |     |                 | Name or address line                                 |
|                           | NAME3      | 9         | CHAR       | 40   |     |                 | Name or address line                                 |
|                           | NAME4      | 10        | CHAR       | 40   |     |                 | Name or address line                                 |
|                           | NAME_TEXT  | 11        | CHAR       | 50   |     |                 | Name or address line (formatted)                     |
|                           | NAME_CO    | 12        | CHAR       | 40   |     |                 | Subsequent line for name or address (c/o)            |
|                           | LOCATION   | 13        | CHAR       | 40   |     |                 | Location description of location                     |





| field  | Pos. Seg. | type | length | M/O | content/example | description en  |
|--|-----------|------|--------|-----|-----------------|---|
| BUILDING   | 14        | CHAR | 10     |     |                 | Location description: Building                        |
| FLOOR  | 15        | CHAR | 10     |     |                 | Location description: Floor                           |
| ROOM   | 16        | CHAR | 10     |     |                 | Location description: Room                            |
| STREET1  | 17        | CHAR | 40     |     |                 | Street and house number                               |
| STREET2  | 18        | CHAR | 40     |     |                 | Street and house number                               |
| STREET3  | 19        | CHAR | 40     |     |                 | Street and house number                               |
| HOUSE_SUPL   | 20        | CHAR | 4      |     |                 | House number  |
| HOUSE_RANG   | 21        | CHAR | 10     |     |                 | House no. (interval)                                  |
| POSTL_COD1   | 22        | CHAR | 10     |     |                 | Postal code   |
| POSTL_COD3   | 23        | CHAR | 10     |     |                 | Postal code   |
| POSTL_AREA   | 24        | CHAR | 15     |     |                 | Post delivery district                                |
| CITY1  | 25        | CHAR | 40     |     |                 | Town or city  |
| CITY2  | 26        | CHAR | 40     |     |                 | Town or city  |
| POSTL_PBOX   | 27        | CHAR | 10     |     |                 | PO Box  |
| POSTL_COD2   | 28        | CHAR | 10     |     |                 | Postal code   |
| POSTL_CITY   | 29        | CHAR | 40     |     |                 | Town or city  |
| TELEPHONE1   | 30        | CHAR | 30     |     |                 | Telephone number                                      |
| TELEPHONE2   | 31        | CHAR | 30     |     |                 | Telephone number                                      |
| TELEFAX  | 32        | CHAR | 30     |     |                 | Fax number  |
| TELEX  | 33        | CHAR | 30     |     |                 | Telex number  |
| E_MAIL   | 34        | CHAR | 70     |     |                 | E-Mail Address  |
| COUNTRY1   | 35        | CHAR | 3      |     |                 | Country indicator (ISO alphanumeric)                  |
| COUNTRY2   | 36        | CHAR | 3      |     |                 | Country indicator (ISO numeric)                       |
| REGION   | 37        | CHAR | 3      |     |                 | Region, state   |
| COUNTY_COD   | 38        | CHAR | 3      |     |                 | County Code (e.g. in USA)                             |
| COUNTY_TXT   | 39        | CHAR | 25     |     |                 | County name (for example, in USA)                     |
| TZCODE   | 40        | CHAR | 6      |     |                 | Location for time zone (SAP code)                     |
| TZDESC   | 41        | CHAR | 35     |     |                 | Location for time zone (external code)                |
| <b>E1EDL47 O 1/1 Express Delivery Company's Tracking Connection Data</b> |           |      |        |     |                 |   |
| XSITD  | 1         | CHAR | 10     |     |                 | Express Delivery Company                              |
| SHIPACCT   | 2         | CHAR | 20     |     |                 | Sender's Account Number with Express Delivery Company |
| TRACKN   | 3         | CHAR | 35     |     |                 | Tracking number                                       |
| ROUTECD  | 4         | CHAR | 12     |     |                 | Routing information for XSI carrier                   |
| XSISRVC  | 5         | CHAR | 10     |     |                 | Express Delivery Company's Service Code               |
| PRDCD  | 6         | CHAR | 10     |     |                 | Express Delivery Company Product Code                 |
| XSIURL_MULTI_TRACK   | 7         | CHAR | 255    |     |                 | URL for Carrier                                       |



| field   | Pos. Seg. | type | length | M/O | content/example                      | description en   |
|---|-----------|------|--------|-----|--------------------------------------|--|
| <b>E1EDL48</b>  |           |      |        |     |                                      |  |
| <b>O 1/9999999 Express Delivery Company - Additional Data</b> |           |      |        |     |                                      |  |
| XSIQUALF  | 1         | CHAR | 10     |     |                                      | Express Delivery Company's Qualifier for Communication |
| XSITD   | 2         | CHAR | 10     |     |                                      | Express Delivery Company                               |
| VLABDATA  | 3         | CHAR | 40     |     |                                      | Express Delivery Company's Data Field                  |
| <b>E1EDL24</b>  |           |      |        |     |                                      |  |
| <b>O 1/999999 Delivery Item</b>                               |           |      |        |     |                                      |  |
| POSNR   | 1         | NUMC | 6      |     |                                      | Item number of the SD document                         |
| MATNR   | 2         | CHAR | 18     |     | 600408                               | Material Number  |
| MATWA   | 3         | CHAR | 18     |     |                                      | Material entered                                       |
| ARKTX   | 4         | CHAR | 40     |     |                                      | Short text for sales order item                        |
| ORKTX   | 5         | CHAR | 40     |     | OPV SINGLE<br>TLC271<br>S08/157 051N | Description of Material Entered                        |
| SUGRD   | 6         | CHAR | 4      |     |                                      | Reason for material substitution                       |
| SUDRU   | 7         | CHAR | 1      |     |                                      | Original entry will be printed                         |
| MATKL   | 8         | CHAR | 9      |     |                                      | Material Group   |
| WERKS   | 9         | CHAR | 4      |     | 1110                                 | Plant  |
| LGORT   | 10        | CHAR | 4      |     |                                      | Storage Location                                       |
| CHARG   | 11        | CHAR | 10     |     |                                      | Batch Number   |
| KDMAT   | 12        | CHAR | 22     |     |                                      | Material belonging to the customer                     |
| LFIMG   | 13        | QUAN | 15     |     | 2500.00                              | Actual quantity delivered (in sales units)             |
| VRKME   | 14        | UNIT | 3      |     | PCE                                  | Sales Unit   |
| LGMNG   | 15        | QUAN | 15     |     |                                      | Actual quantity delivered in stockkeeping units        |
| MEINS   | 16        | UNIT | 3      |     |                                      | Base Unit of Measure                                   |
| NTGEW   | 17        | QUAN | 15     |     |                                      | Net Weight   |
| BRGEW   | 18        | QUAN | 15     |     |                                      | Gross Weight   |
| GEWEI   | 19        | UNIT | 3      |     |                                      | Weight Unit  |
| VOLUM   | 20        | QUAN | 15     |     |                                      | Volume   |
| VOLEH   | 21        | UNIT | 3      |     |                                      | Volume Unit  |
| LGPBE   | 22        | CHAR | 10     |     |                                      | Storage Bin  |
| HIPOS   | 23        | NUMC | 6      |     |                                      | Superior item in an item hierarchy                     |
| HIEVW   | 24        | CHAR | 1      |     |                                      | Use of Hierarchy Item                                  |
| LADGR   | 25        | CHAR | 4      |     |                                      | Loading Group  |
| TRAGR   | 26        | CHAR | 4      |     |                                      | Transportation Group                                   |
| VKBUR   | 27        | CHAR | 4      |     |                                      | Sales Office   |
| VKGRP   | 28        | CHAR | 3      |     |                                      | Sales Group  |
| VTWEG   | 29        | CHAR | 2      |     |                                      | Distribution Channel                                   |
| SPART   | 30        | CHAR | 2      |     |                                      | Division   |
| GRKOR   | 31        | NUMC | 3      |     |                                      | Delivery group (items are delivered together)          |

| field           | Pos. Seg. | type | length | M/O | content/example | description en   |
|-----------------|-----------|------|--------|-----|-----------------|--|
| EAN11           | 32        | CHAR | 18     |     |                 | International Article Number (EAN/UPC)                   |
| SERNR           | 33        | CHAR | 8      |     |                 | BOM explosion number                                     |
| AESKD           | 34        | CHAR | 17     |     |                 | Customer Engineering Change Status                       |
| EMPST           | 35        | CHAR | 25     |     |                 | Receiving point  |
| MFRGR           | 36        | CHAR | 8      |     |                 | Material freight group                                   |
| VBRST           | 37        | CHAR | 14     |     |                 | Customer point of consumption                            |
| LABNK           | 38        | CHAR | 17     |     |                 | Customer number for forecast / JIT dlv. sched.           |
| ABRDT           | 39        | DATS | 8      |     |                 | Delivery Schedule Date                                   |
| MFRPN           | 40        | CHAR | 40     |     |                 | Manufacturer Part Number                                 |
| MFRNR           | 41        | CHAR | 10     |     |                 | Manufacturer number                                      |
| ABRVW           | 42        | CHAR | 3      |     |                 | Usage Indicator  |
| KDMAT35         | 43        | CHAR | 35     |     |                 | Material belonging to the customer                       |
| KANNR           | 44        | CHAR | 35     |     |                 | KANBAN/sequence number                                   |
| POSEX           | 45        | NUMC | 6      |     | 10              | External item number                                     |
| LIEFFZ          | 46        | QUAN | 17     |     |                 | Cumulative qty for delivery/MAIS in base unit of measure |
| USR01           | 47        | CHAR | 35     |     |                 | Additional data field 1 for delivery schedules           |
| USR02           | 48        | CHAR | 35     |     |                 | Additional data field 2 for delivery schedules           |
| USR03           | 49        | CHAR | 35     |     |                 | Additional data field 3 for delivery schedules           |
| USR04           | 50        | CHAR | 10     |     |                 | Additional data field 4 for delivery schedules           |
| USR05           | 51        | CHAR | 10     |     |                 | Additional data field 5 for delivery schedules           |
| MATNR_EXTERNAL  | 52        | CHAR | 40     |     |                 | Material Number  |
| MATNR_VERSION   | 53        | CHAR | 10     |     |                 | Version Number for MATNR Field                           |
| MATNR_GUID      | 54        | CHAR | 32     |     |                 | External GUID for MATNR Field                            |
| MATWA_EXTERNAL  | 55        | CHAR | 40     |     |                 | Material Entered   |
| MATWA_VERSION   | 56        | CHAR | 10     |     |                 | Version Number for Field MATWA                           |
| MATWA_GUID      | 57        | CHAR | 32     |     |                 | External GUID for Field MATWA                            |
| ZUDAT           | 58        | CHAR | 30     |     |                 | Additional Data  |
| VFDAT           | 59        | DATS | 8      |     |                 | Shelf Life Expiration or Best-Before Date                |
| RMA_NUMBER      | 60        | CHAR | 20     |     |                 | Return Material Authorization Number                     |
| RMA_COMPLETE    | 61        | CHAR | 1      |     |                 | RMA completion indicator                                 |
| EXPIRY_DATE_EXT | 62        | DEC  | 16     |     |                 | End date of validity period of returns delivery          |
| VGBEL           | 63        | CHAR | 10     |     | 5006501384      | Document Number of the Reference Document                |



| field                                      | Pos. Seg. | type | length | M/O | content/example | description en   |
|--|-----------|------|--------|-----|-----------------|--|
| VGPOS                                      | 64        | NUMC | 6      |     |                 | Item Number of the Reference Item                            |
| FOLLOW_UP_CODE                             | 65        | CHAR | 4      |     |                 | Default Follow-Up Activity Code                              |
| ORMNG                                      | 66        | QUAN | 15     |     |                 | Original Quantity of Delivery Item                           |
| COMPL                                      | 67        | CHAR | 1      |     |                 | Closing Indicator  |
| HOLD                                       | 68        | CHAR | 1      |     |                 | Inbound Delivery Item Not Yet Complete (on Hold)             |
| MAX_ERR_TYPE                               | 69        | CHAR | 1      |     |                 | Maximum Error Type Occurred                                  |
| LICHN                                      | 70        | CHAR | 15     |     |                 | Vendor Batch Number  |
| RECIPIENT_CREATE                           | 71        | CHAR | 1      |     |                 | Created by Recipient   |
| EXPIRY_DATE_EXT_B                          | 72        | DEC  | 16     |     |                 | Begin date of validity period of returns delivery            |
| <b>E1EDL25</b>                             |           |      |        |     |                 |  |
| <b>O 1/1 Delivery Item Descriptions</b>    |           |      |        |     |                 |  |
| LGORT_BEZ                                  | 1         | CHAR | 16     |     |                 | Description of Storage Location                              |
| LADGR_BEZ                                  | 2         | CHAR | 20     |     |                 | Loading group description                                    |
| TRAGR_BEZ                                  | 3         | CHAR | 20     |     |                 | Description of transportation group                          |
| VKBUR_BEZ                                  | 4         | CHAR | 20     |     |                 | Description of sales office                                  |
| VKGRP_BEZ                                  | 5         | CHAR | 20     |     |                 | Description of Sales Group                                   |
| VTWEG_BEZ                                  | 6         | CHAR | 20     |     |                 | Description of distribution channel                          |
| SPART_BEZ                                  | 7         | CHAR | 20     |     |                 | Description of division                                      |
| MFRGR_BEZ                                  | 8         | CHAR | 20     |     |                 | Description of material freight group                        |
| <b>E1EDL26</b>                             |           |      |        |     |                 |  |
| <b>O 1/1 Delivery Item Additional Data</b> |           |      |        |     |                 |  |
| PSTYV                                      | 1         | CHAR | 4      |     |                 | Sales Document Item Category                                 |
| MATKL                                      | 2         | CHAR | 9      |     |                 | Material Group   |
| PRODH                                      | 3         | CHAR | 18     |     |                 | Product Hierarchy  |
| UMVKZ                                      | 4         | DEC  | 6      |     |                 | Numerator (factor) for conversion of sales quantity into SKU |
| UMVKN                                      | 5         | DEC  | 6      |     |                 | Denominator (Divisor) for Conversion of Sales Qty into SKU   |
| KZTLF                                      | 6         | CHAR | 1      |     |                 | Partial Delivery at Item Level                               |
| UEBTK                                      | 7         | CHAR | 1      |     |                 | Indicator: Unlimited Overdelivery Allowed                    |
| UEBTO                                      | 8         | DEC  | 5      |     |                 | Overdelivery Tolerance Limit                                 |
| UNTT0                                      | 9         | DEC  | 5      |     |                 | Underdelivery Tolerance Limit                                |
| CHSPL                                      | 10        | CHAR | 1      |     |                 | Batch split allowed  |
| XCHBW                                      | 11        | CHAR | 1      |     |                 | Indicator for Batches / Evaluation Types                     |
| POSAR                                      | 12        | CHAR | 1      |     |                 | Item type  |
| SOBKZ                                      | 13        | CHAR | 1      |     |                 | Special Stock Indicator                                      |
| PCKPF                                      | 14        | CHAR | 1      |     |                 | Packing control  |



| field   | Pos. Seg. | type | length | M/O | content/example | description en   |
|---|-----------|------|--------|-----|-----------------|--|
| MAGRV   | 15        | CHAR | 4      |     |                 | Material Group: Packaging Materials                          |
| SHKZG   | 16        | CHAR | 1      |     |                 | Debit/Credit Indicator                                       |
| KOQUI   | 17        | CHAR | 1      |     |                 | Picking is subject to confirmation                           |
| AKTNR   | 18        | CHAR | 10     |     |                 | Promotion  |
| KZUMW   | 19        | CHAR | 1      |     |                 | Environmentally Relevant                                     |
| KVGR1   | 20        | CHAR | 3      |     |                 | number of invoice copies                                     |
| KVGR2   | 21        | CHAR | 3      |     |                 | print customs no./country of origin                          |
| KVGR3   | 22        | CHAR | 3      |     |                 | self billing   |
| KVGR4   | 23        | CHAR | 3      |     |                 | print weight on invoice                                      |
| KVGR5   | 24        | CHAR | 3      |     |                 | print prices on delivery                                     |
| MVGR1   | 25        | CHAR | 3      |     |                 | Sales MRP Indicator for sales organisation                   |
| MVGR2   | 26        | CHAR | 3      |     |                 | Tax classification for Vertex                                |
| MVGR3   | 27        | CHAR | 3      |     |                 | Material group 3   |
| MVGR4   | 28        | CHAR | 3      |     |                 | Material group 4   |
| MVGR5   | 29        | CHAR | 3      |     |                 | Material group 5   |
| LIFEXPOS2   | 30        | CHAR | 35     |     |                 | External item identifier                                     |
| CQU_SA  | 31        | QUAN | 17     |     |                 | Cumulative Qty Received for SchedAgr                         |
| CQU_SA_UNIT                                       | 32        | UNIT | 3      |     |                 | Unit of Measure of Cumulative Quantity Received by Customer  |
| CQU_ITQS  | 33        | QUAN | 17     |     |                 | Cumulative Qty In Transit for SchedAgreement                 |
| CQU_ITQS_UNIT                                     | 34        | UNIT | 3      |     |                 | Unit of Measure of Cumulative Quantity Received by Customer  |
| VBUMG_BME   | 35        | QUAN | 15     |     |                 | Quantity (GR Posted) in Base Unit of Measure                 |
| SGT_RCAT  | 36        | CHAR | 16     |     |                 | Requirement Segment  |
| SGT_SCAT  | 37        | CHAR | 16     |     |                 | Stock Segment  |
| MATNR_LONG  | 38        | CHAR | 40     |     |                 | Material Number (40 Characters, needed f. technical reasons) |
| MATWA_LONG  | 39        | CHAR | 40     |     |                 | Material entered   |
| REQ_SEG_LONG                                      | 40        | CHAR | 40     |     |                 | Requirement Segment  |
| STK_SEG_LONG                                      | 41        | CHAR | 40     |     |                 | Requirement Segment  |
| <b>E1EDL27</b>                                    |           |      |        |     |                 |  |
| <b>O</b>  |           |      |        |     |                 |  |
| <b>1/1</b>  |           |      |        |     |                 |  |
| <b>Delivery Item Additional Data Descriptions</b> |           |      |        |     |                 |  |
| PSTYV_BEZ   | 1         | CHAR | 20     |     |                 | Description of item category                                 |
| MATKL_BEZ   | 2         | CHAR | 20     |     |                 | Material Group Description                                   |
| PRODH_BEZ   | 3         | CHAR | 20     |     |                 | Description of product hierarchy                             |
| WERKS_BEZ   | 4         | CHAR | 30     |     |                 | Plant Descript.  |
| KVGR1_BEZ   | 5         | CHAR | 20     |     |                 | Description cust. group 1                                    |
| KVGR2_BEZ   | 6         | CHAR | 20     |     |                 | Description cust. group 2                                    |
| KVGR3_BEZ   | 7         | CHAR | 20     |     |                 | Description cust. group 3                                    |

| field  | Pos. Seg. | type | length | M/O | content/example | description en  |
|--|-----------|------|--------|-----|-----------------|---|
| KVGR4_BEZ  | 8         | CHAR | 20     |     |                 | Description cust. group 4                                   |
| KVGR5_BEZ  | 9         | CHAR | 20     |     |                 | Description cust. group 5                                   |
| MVGR1_BEZ  | 10        | CHAR | 40     |     |                 | Description material group 1                                |
| MVGR2_BEZ  | 11        | CHAR | 40     |     |                 | Description material group 2                                |
| MVGR3_BEZ  | 12        | CHAR | 40     |     |                 | Description material group 3                                |
| MVGR4_BEZ  | 13        | CHAR | 40     |     |                 | Description material group 4                                |
| MVGR5_BEZ  | 14        | CHAR | 40     |     |                 | Description material group 5                                |
| <b>E1EDL52 O 1/99999 Delivery Item External Release Number</b> |           |      |        |     |                 |   |
| 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            |
| <b>E1EDL53 O 1/99999 Delivery Item POD</b>                     |           |      |        |     |                 |   |
| GRUND  | 1         | CHAR | 4      |     |                 | Reason for variance in POD                                  |
| PODMG  | 2         | QUAN | 15     |     |                 | Actual quantity accepted in sales unit per delivery item    |
| LFIMG_DIFF   | 3         | QUAN | 15     |     |                 | Deviation in quantity actually delivered in sales unit      |
| VRKME  | 4         | UNIT | 3      |     |                 | Sales Unit  |
| LGMNG_DIFF   | 5         | QUAN | 15     |     |                 | Difference in actual delivery quantity in stockkeeping unit |
| MEINS  | 6         | UNIT | 3      |     |                 | Base Unit of Measure  |
| <b>E1EDD10 O 1/99999 DG item data 1 (delivery)</b>             |           |      |        |     |                 |   |
| MOT  | 1         | NUMC | 2      |     |                 | Dangerous Goods - Mode-of-Transport Category                |
| VALDAT   | 2         | DATS | 8      |     |                 | Selection date dangerous goods master data                  |
| DGCAO  | 3         | CHAR | 1      |     |                 | Only Cargo Air Transport Permitted                          |
| DGNHM  | 4         | CHAR | 1      |     |                 | For IDoc Only: Non-Dangerous Goods Full Transport           |
| TKUI   | 5         | CHAR | 3      |     |                 | For IDoc Only: Identification Number Type                   |
| DGNU   | 6         | CHAR | 4      |     |                 | For IDoc Only: Identification Number                        |
| COLNO  | 7         | CHAR | 1      |     |                 | Collective Number   |
| DGRES1   | 8         | CHAR | 12     |     |                 | For IDoc Only: Hazard-Inducing Substance 1                  |
| DGRES2   | 9         | CHAR | 12     |     |                 | For IDoc Only: Hazard-Inducing Substance 2                  |
| DGRES3   | 10        | CHAR | 12     |     |                 | For IDoc Only: Hazard-Inducing Substance 3                  |

| field  | Pos. Seg. | type | length | M/O | content/example | description en                                       |
|--------|-----------|------|--------|-----|-----------------|--|
| DGREMP | 11        | CHAR | 12     |     |                 | Hazard-inducing substance (marine pollutant)         |
| DGRERQ | 12        | CHAR | 12     |     |                 | Hazard-inducing substance (reportable quantity)      |
| DGCL   | 13        | CHAR | 3      |     |                 | Dangerous Goods Class                                |
| DGSC   | 14        | CHAR | 6      |     |                 | Dangerous Goods Subclass                             |
| SDBC   | 15        | NUMC | 4      |     |                 | Hazard Item Number                                   |
| SLBE   | 16        | CHAR | 4      |     |                 | Hazard Item Number (Empty Transport)                 |
| LDBC   | 17        | CHAR | 5      |     |                 | Classification Code                                  |
| LWDG   | 18        | CHAR | 12     |     |                 | Dangerous Goods Regulation                           |
| EINU   | 19        | CHAR | 7      |     |                 | Tremcard Number                                      |
| EICN   | 20        | CHAR | 7      |     |                 | Replacement Tremcard Number                          |
| EMSN1  | 21        | CHAR | 7      |     |                 | EmS/ERG Number 1                                     |
| EMSN2  | 22        | CHAR | 7      |     |                 | EmS/ERG Number 2                                     |
| MFAG1  | 23        | CHAR | 4      |     |                 | MFAG Number 1  |
| MFAG2  | 24        | CHAR | 4      |     |                 | MFAG Number 2  |
| HQTU   | 25        | QUAN | 11     |     |                 | Maximum Quantity per Transport Unit                  |
| HQTUN  | 26        | UNIT | 3      |     |                 | Maximum Quantity Unit                                |
| PIN    | 27        | CHAR | 25     |     |                 | Packing Instruction Number                           |
| PINLQ  | 28        | CHAR | 25     |     |                 | Packing Instruction Number for Limited Quantity (LQ) |
| PGRO   | 29        | CHAR | 3      |     |                 | Packing Group  |
| HNU    | 30        | CHAR | 4      |     |                 | Hazard Identification Number                         |
| HPN1   | 31        | CHAR | 4      |     |                 | Danger Label Number 1                                |
| HPN2   | 32        | CHAR | 4      |     |                 | Danger Label Number 2                                |
| HPN3   | 33        | CHAR | 4      |     |                 | Danger Label Number 3                                |
| HPN4   | 34        | CHAR | 4      |     |                 | Danger Label Number 4                                |
| HPN5   | 35        | CHAR | 4      |     |                 | Danger Label Number 5                                |
| HPN6   | 36        | CHAR | 4      |     |                 | Danger Label Number 6                                |
| HPN7   | 37        | CHAR | 4      |     |                 | Danger Label Number 7                                |
| LAB1   | 38        | CHAR | 7      |     |                 | Label Number 1                                       |
| LAB2   | 39        | CHAR | 7      |     |                 | Label Number 2                                       |
| LAB3   | 40        | CHAR | 7      |     |                 | Label Number 3                                       |
| LAB4   | 41        | CHAR | 7      |     |                 | Label Number 4                                       |
| LAB5   | 42        | CHAR | 7      |     |                 | Label Number 5                                       |
| LAB6   | 43        | CHAR | 7      |     |                 | Label Number 6                                       |
| LAB7   | 44        | CHAR | 7      |     |                 | Label Number 7                                       |
| LAB8   | 45        | CHAR | 7      |     |                 | Label Number 8                                       |
| LAB9   | 46        | CHAR | 7      |     |                 | Label Number 9                                       |
| LAB10  | 47        | CHAR | 7      |     |                 | Label Number 10                                      |
| PBI    | 48        | CHAR | 1      |     |                 | Poisonous by Inhalation                              |



| field  | Pos. Seg. | type | length | M/O | content/example | description en                                     |
|--------|-----------|------|--------|-----|-----------------|--|
| DGPTA  | 49        | CHAR | 1      |     |                 | Shipping by Mail Permitted                         |
| NHME   | 50        | CHAR | 1      |     |                 | For IDoc Only: Non-Dangerous Goods Empty Transport |
| DGSHE  | 51        | CHAR | 4      |     |                 | Schedule of Class 7                                |
| PIMDG  | 52        | CHAR | 10     |     |                 | Note on Regulation                                 |
| SPPRO  | 53        | CHAR | 5      |     |                 | Special Provision                                  |
| MAPOL  | 54        | CHAR | 2      |     |                 | Marine Pollutant                                   |
| EXCEP  | 55        | CHAR | 10     |     |                 | Exception and Agreement Number                     |
| AGRNO  | 56        | CHAR | 30     |     |                 | Exception and Agreement Number                     |
| REGNO  | 57        | CHAR | 30     |     |                 | Approval no.                                       |
| SDGCL  | 58        | CHAR | 3      |     |                 | Dangerous Goods Class                              |
| TDGCL  | 59        | CHAR | 3      |     |                 | Dangerous Goods Class                              |
| LWDGN  | 60        | CHAR | 132    |     |                 | Name of Dangerous Goods Regulation                 |
| RVLID  | 61        | CHAR | 20     |     |                 | Validity Area                                      |
| MOS1   | 62        | NUMC | 3      |     |                 | Dangerous Goods Transport Type                     |
| MOS2   | 63        | NUMC | 3      |     |                 | Dangerous Goods Transport Type                     |
| MOS3   | 64        | NUMC | 3      |     |                 | Dangerous Goods Transport Type                     |
| MOS4   | 65        | NUMC | 3      |     |                 | Dangerous Goods Transport Type                     |
| MOS5   | 66        | NUMC | 3      |     |                 | Dangerous Goods Transport Type                     |
| MOS6   | 67        | NUMC | 3      |     |                 | Dangerous Goods Transport Type                     |
| MOS7   | 68        | NUMC | 3      |     |                 | Dangerous Goods Transport Type                     |
| MOS8   | 69        | NUMC | 3      |     |                 | Dangerous Goods Transport Type                     |
| MOS9   | 70        | NUMC | 3      |     |                 | Dangerous Goods Transport Type                     |
| MOSA   | 71        | NUMC | 3      |     |                 | Dangerous Goods Transport Type                     |
| DGTNA  | 72        | CHAR | 1      |     |                 | Transport Not Permitted                            |
| DGWOS  | 73        | CHAR | 2      |     |                 | Processing Status for Basic Data and Master Data   |
| SCASE  | 74        | CHAR | 1      |     |                 | Special Case (Packing Check)                       |
| EIMDG  | 75        | CHAR | 4      |     |                 | Regulation Edition                                 |
| MSEPR1 | 76        | CHAR | 4      |     |                 | Dynamic Key (Segregation Rule)                     |
| MSEPR2 | 77        | CHAR | 4      |     |                 | Dynamic Key (Segregation Rule)                     |
| MSEPR3 | 78        | CHAR | 4      |     |                 | Dynamic Key (Segregation Rule)                     |
| MSEPR4 | 79        | CHAR | 4      |     |                 | Dynamic Key (Segregation Rule)                     |
| MSEPR5 | 80        | CHAR | 4      |     |                 | Dynamic Key (Segregation Rule)                     |
| MSEPR6 | 81        | CHAR | 4      |     |                 | Dynamic Key (Segregation Rule)                     |
| MSEPR7 | 82        | CHAR | 4      |     |                 | Dynamic Key (Segregation Rule)                     |
| MSEPR8 | 83        | CHAR | 4      |     |                 | Dynamic Key  |



| field  | Pos. Seg. | type | length | M/O | content/example | description en                                |
|--------|-----------|------|--------|-----|-----------------|---|
|        |           |      |        |     |                 | (Segregation Rule)                            |
| MSEPR9 | 84        | CHAR | 4      |     |                 | Dynamic Key (Segregation Rule)                |
| MSEPRA | 85        | CHAR | 4      |     |                 | Dynamic Key (Segregation Rule)                |
| MSEPRB | 86        | CHAR | 4      |     |                 | Dynamic Key (Segregation Rule)                |
| MSEPRC | 87        | CHAR | 4      |     |                 | Dynamic Key (Segregation Rule)                |
| MSEPRD | 88        | CHAR | 4      |     |                 | Dynamic Key (Segregation Rule)                |
| MSEPRE | 89        | CHAR | 4      |     |                 | Dynamic Key (Segregation Rule)                |
| MSEPRF | 90        | CHAR | 4      |     |                 | Dynamic Key (Segregation Rule)                |
| MSEPRG | 91        | CHAR | 4      |     |                 | Dynamic Key (Segregation Rule)                |
| MSEPRH | 92        | CHAR | 4      |     |                 | Dynamic Key (Segregation Rule)                |
| MLOAR1 | 93        | CHAR | 6      |     |                 | Mixed loading rule                            |
| MLOAR2 | 94        | CHAR | 6      |     |                 | Mixed loading rule                            |
| MLOAR3 | 95        | CHAR | 6      |     |                 | Mixed loading rule                            |
| MLOAR4 | 96        | CHAR | 6      |     |                 | Mixed loading rule                            |
| MLOAR5 | 97        | CHAR | 6      |     |                 | Mixed loading rule                            |
| MLOAR6 | 98        | CHAR | 6      |     |                 | Mixed loading rule                            |
| MLOAR7 | 99        | CHAR | 6      |     |                 | Mixed loading rule                            |
| MLOAR8 | 100       | CHAR | 6      |     |                 | Mixed loading rule                            |
| MLOAR9 | 101       | CHAR | 6      |     |                 | Mixed loading rule                            |
| MLOARA | 102       | CHAR | 6      |     |                 | Mixed loading rule                            |
| RSMLG1 | 103       | CHAR | 4      |     |                 | Regulation-dependent mixed loading group      |
| RSMLG2 | 104       | CHAR | 4      |     |                 | Regulation-dependent mixed loading group      |
| RSMLG3 | 105       | CHAR | 4      |     |                 | Regulation-dependent mixed loading group      |
| ESMLG1 | 106       | CHAR | 4      |     |                 | Enterprise-spec. mixed loading groups         |
| ESMLG2 | 107       | CHAR | 4      |     |                 | Enterprise-spec. mixed loading groups         |
| ESMLG3 | 108       | CHAR | 4      |     |                 | Enterprise-spec. mixed loading groups         |
| PPDG1  | 109       | CHAR | 2      |     |                 | Profile for Dangerous Goods User-Defined Text |
| PPDG2  | 110       | CHAR | 2      |     |                 | Profile for Dangerous Goods User-Defined Text |
| PPDG3  | 111       | CHAR | 2      |     |                 | Profile for Dangerous Goods User-Defined Text |
| PPDG4  | 112       | CHAR | 2      |     |                 | Profile for Dangerous Goods User-Defined Text |
| PPDG5  | 113       | CHAR | 2      |     |                 | Profile for Dangerous Goods User-Defined Text |
| PPDG6  | 114       | CHAR | 2      |     |                 | Profile for Dangerous Goods User-Defined Text |
| PPDG7  | 115       | CHAR | 2      |     |                 | Profile for Dangerous Goods User-Defined Text |

| field   | Pos. Seg. | type | length | M/O | content/example | description en  |
|---|-----------|------|--------|-----|-----------------|---|
| PPDG8   | 116       | CHAR | 2      |     |                 | Profile for Dangerous Goods User-Defined Text           |
| PPDG9   | 117       | CHAR | 2      |     |                 | Profile for Dangerous Goods User-Defined Text           |
| PPDGA   | 118       | CHAR | 2      |     |                 | Profile for Dangerous Goods User-Defined Text           |
| PPDGB   | 119       | CHAR | 2      |     |                 | Profile for Dangerous Goods User-Defined Text           |
| PPDGC   | 120       | CHAR | 2      |     |                 | Profile for Dangerous Goods User-Defined Text           |
| PPDGE   | 121       | CHAR | 2      |     |                 | Profile for Dangerous Goods User-Defined Text           |
| PPDGF   | 122       | CHAR | 2      |     |                 | Profile for Dangerous Goods User-Defined Text           |
| PPDGG   | 123       | CHAR | 2      |     |                 | Profile for Dangerous Goods User-Defined Text           |
| LFDNR   | 124       | NUMC | 4      |     |                 | Counter used to differentiate between data base entries |
| SUBPOS_NR   | 125       | NUMC | 6      |     |                 | Subitem Counter   |
| DG_NET_WEIGHT                                       | 126       | QUAN | 17     |     |                 | Dangerous goods - net weight                            |
| DG_GROSS_WEIGHT                                     | 127       | QUAN | 17     |     |                 | Dangerous Goods - Gross Weight                          |
| DG_WEIGHT_U   | 128       | UNIT | 3      |     |                 | Weight Unit   |
| LANGU   | 129       | CHAR | 2      |     |                 | Language key  |
| <b>E1EDD11</b>                                      |           |      |        |     |                 |   |
| <b>O 1/1 DG item data descriptions 1 (delivery)</b> |           |      |        |     |                 |   |
| VKTRT   | 1         | CHAR | 60     |     |                 | Description of Mode-of-Transport Category               |
| DGNA  | 2         | CHAR | 132    |     |                 | Dangerous Goods Description                             |
| DGRES2  | 3         | CHAR | 132    |     |                 | Description for Hazard-Inducing Substance               |
| DGRES4  | 4         | CHAR | 132    |     |                 | Description for Hazard-Inducing Substance               |
| DGRES3  | 5         | CHAR | 132    |     |                 | Description for Hazard-Inducing Substance               |
| DGREDMP   | 6         | CHAR | 132    |     |                 | Description for Hazard-Inducing Substance               |
| DGREDRQ   | 7         | CHAR | 132    |     |                 | Description for Hazard-Inducing Substance               |
| <b>E1EDD15</b>                                      |           |      |        |     |                 |   |
| <b>O 1/1 DG item data descriptions 2 (delivery)</b> |           |      |        |     |                 |   |
| HPN1D   | 1         | CHAR | 132    |     |                 | Description for Danger Label                            |
| HPN2D   | 2         | CHAR | 132    |     |                 | Description for Danger Label                            |
| HPN3D   | 3         | CHAR | 132    |     |                 | Description for Danger Label                            |
| HPN4D   | 4         | CHAR | 132    |     |                 | Description for Danger Label                            |
| HPN5D   | 5         | CHAR | 132    |     |                 | Description for Danger Label                            |
| HPN6D   | 6         | CHAR | 132    |     |                 | Description for Danger Label                            |
| HPN7D   | 7         | CHAR | 132    |     |                 | Description for Danger Label                            |

| field                                       | Pos. Seg. | type | length | M/O | content/example | description en                                 |
|---|-----------|------|--------|-----|-----------------|--|
| <b>E1EDD12</b>                              |           |      |        |     |                 |  |
| <b>O 1/999999 DG item data 2 (delivery)</b> |           |      |        |     |                 |  |
| STOSU                                       | 1         | CHAR | 1      |     |                 | Aggregate State for Transport                  |
| COTMP                                       | 2         | QUAN | 11     |     |                 | Control Temperature                            |
| TPCUN                                       | 3         | UNIT | 3      |     |                 | Temperature Unit (Control)                     |
| EMTMP                                       | 4         | QUAN | 11     |     |                 | Emergency Temperature                          |
| TPEUN                                       | 5         | UNIT | 3      |     |                 | Temperature Unit (Emergency)                   |
| FLTMP                                       | 6         | QUAN | 11     |     |                 | Flash Point                                    |
| TPFUN                                       | 7         | UNIT | 3      |     |                 | Temperature Unit (Flame)                       |
| TPSNL                                       | 8         | QUAN | 11     |     |                 | Temperature Sensitivity (Lower Limit)          |
| TPSLU                                       | 9         | UNIT | 3      |     |                 | Unit for temperature sensitivity (lower limit) |
| TPSNH                                       | 10        | QUAN | 11     |     |                 | Temperature sensitivity (upper limit)          |
| TPSHU                                       | 11        | UNIT | 3      |     |                 | Temperature Unit (Sensitivity - Upper Limit)   |
| COWE  | 12        | CHAR | 1      |     |                 | Water Pollution Class                          |
| VBFC  | 13        | CHAR | 4      |     |                 | VbF Class                                      |
| SDCL  | 14        | CHAR | 4      |     |                 | Storage Hazard Class                           |
| SOOWA                                       | 15        | QUAN | 15     |     |                 | Solubility of water                            |
| USOOW                                       | 16        | UNIT | 3      |     |                 | Unit for solubility of water                   |
| DENFEE                                      | 17        | QUAN | 13     |     |                 | Density I                                      |
| UDENFE                                      | 18        | UNIT | 3      |     |                 | Unit for density I                             |
| DENTWE                                      | 19        | QUAN | 13     |     |                 | Density II                                     |
| UDENTWE                                     | 20        | UNIT | 3      |     |                 | Unit for density II                            |
| DENFIF                                      | 21        | QUAN | 13     |     |                 | Density III                                    |
| UDENFI                                      | 22        | UNIT | 3      |     |                 | Unit for density III                           |
| BUDEN                                       | 23        | QUAN | 13     |     |                 | Bulk Density                                   |
| UBUDE                                       | 24        | UNIT | 3      |     |                 | Unit for Bulk Density                          |
| BOPOI                                       | 25        | QUAN | 11     |     |                 | Boiling Point                                  |
| UBOPO                                       | 26        | UNIT | 3      |     |                 | Unit for Boiling Point                         |
| VISCO                                       | 27        | QUAN | 11     |     |                 | Viscosity                                      |
| UVISC                                       | 28        | UNIT | 3      |     |                 | Unit for Viscosity                             |
| STPRES                                      | 29        | QUAN | 13     |     |                 | Vapor Pressure                                 |
| USTPRE                                      | 30        | UNIT | 3      |     |                 | Unit for vapor pressure                        |
| HYGRO                                       | 31        | CHAR | 1      |     |                 | Hygroscopicity                                 |
| MEPOI                                       | 32        | QUAN | 11     |     |                 | Melting Point                                  |
| UMEPO                                       | 33        | UNIT | 3      |     |                 | Unit for Melting Point                         |
| COOEX                                       | 34        | QUAN | 11     |     |                 | Coefficient of Expansion                       |
| UCOOE                                       | 35        | UNIT | 3      |     |                 | Unit for Coefficient of Expansion              |
| MTMPF                                       | 36        | QUAN | 11     |     |                 | Medium Temperature of Liquid During Filling    |
| UMTMP                                       | 37        | UNIT | 3      |     |                 | Unit for medium filling temperature            |



| field            | Pos. Seg. | type | length | M/O | content/example | description en   |
|------------------|-----------|------|--------|-----|-----------------|--|
| PAI              | 38        | QUAN | 11     |     |                 | Limited Quantity (LQ) Inner Packaging                    |
| PAIU             | 39        | UNIT | 3      |     |                 | Unit of Meas. for Limited Quantity (LQ) Inner Packaging  |
| PAO              | 40        | QUAN | 11     |     |                 | Limited Quantity (LQ) Outer Packaging                    |
| PAOU             | 41        | UNIT | 3      |     |                 | Unit of Meas. for Limited Quantity (LQ) Outer Packaging  |
| RQA              | 42        | QUAN | 11     |     |                 | Reportable Quantity                                      |
| RQU              | 43        | UNIT | 3      |     |                 | Unit of measure for reportable quantities                |
| MINQ             | 44        | QUAN | 11     |     |                 | Minimum Quantity for Listed Goods                        |
| MINU             | 45        | UNIT | 3      |     |                 | Unit of Measurement Minimum Quantity (Listed Goods)      |
| MAXQ             | 46        | QUAN | 11     |     |                 | Maximum Quantity for Listed Goods                        |
| MAXU             | 47        | UNIT | 3      |     |                 | Unit of Measurement Maximum Quantity (Listed Goods)      |
| RELQ             | 48        | QUAN | 11     |     |                 | Exemption (ADR 1.1.3.6)                                  |
| RELU             | 49        | UNIT | 3      |     |                 | Unit of Measure Quantity Limit                           |
| MULRQ            | 50        | NUMC | 4      |     |                 | Multiplication Factor Exemption (ADR 1.1.3.6)            |
| RCHEM            | 51        | CHAR | 1      |     |                 | Notification Status (Law on Control of Toxic Substances) |
| STOPA            | 52        | CHAR | 1      |     |                 | Packaging Mark   |
| PASI             | 53        | QUAN | 11     |     |                 | Maximum Quantity per Package                             |
| UPASI            | 54        | UNIT | 3      |     |                 | Unit of Measurement for Single Packaging                 |
| PAGW             | 55        | QUAN | 11     |     |                 | Limited Quantity (LQ) Gross Weight                       |
| UPAGW            | 56        | UNIT | 3      |     |                 | Unit of Measurement for Limited Quantity (LQ) Gross      |
| MIOWA            | 57        | QUAN | 11     |     |                 | Miscibility with Water                                   |
| UMIOW            | 58        | UNIT | 3      |     |                 | Unit for Miscibility with Water                          |
| RQA2             | 59        | QUAN | 11     |     |                 | Reportable Quantity                                      |
| RQU2             | 60        | UNIT | 3      |     |                 | Unit of measure for reportable quantities                |
| EXPL_NET         | 61        | QUAN | 11     |     |                 | Net Explosive Substance Mass                             |
| EXPL_NET_U       | 62        | UNIT | 3      |     |                 | Unit for Net Explosive Substance Mass                    |
| EXPL_REL_PERCENT | 63        | DEC  | 9      |     |                 | Relative Net Explosive Substance Percentage              |
| ACTVTY_MAX       | 64        | QUAN | 11     |     |                 | Maximum Activity   |
| ACTVTY_MAX_U     | 65        | UNIT | 3      |     |                 | Unit of Maximum Activity                                 |
| ACTVTY_MAX_REL   | 66        | QUAN | 11     |     |                 | Relative Maximum Activity                                |
| ACTVTY_MAX_REL_U | 67        | UNIT | 3      |     |                 | Unit of Relative Maximum Activity                        |

| field   | Pos. Seg. | type | length | M/O | content/example | description en   |
|---|-----------|------|--------|-----|-----------------|--|
| TRANSP_INDEX  | 68        | DEC  | 9      |     |                 | Transport Index  |
| CRIT_SAF_INDEX  | 69        | DEC  | 9      |     |                 | Criticality Safety Index                                     |
| PACKAGE_CAT   | 70        |      | 15     |     |                 | Category of Package  |
| ACTVTY_SINGLE_A2  | 71        | DEC  | 11     |     |                 | Single Activity as Multiple of A2 Value                      |
| LTSK  | 72        | CHAR | 1      |     |                 | Air Transport Safety Code                                    |
| EMV   | 73        | CHAR | 1      |     |                 | Electromagnetic Compatibility                                |
| FSAK  | 74        | CHAR | 1      |     |                 | Parachute Drop Code  |
| SFK   | 75        | CHAR | 1      |     |                 | Thrust Code  |
| MUNAKODE  | 76        | CHAR | 4      |     |                 | Ammunition Code  |
| EXNUMBER  | 77        | CHAR | 12     |     |                 | EX Number  |
| PINEQ   | 78        | CHAR | 25     |     |                 | Excepted Quantity: Packing Instruction Number                |
| EXC_QUANT_IP  | 79        | CHAR | 11     |     |                 | Excepted Quantity: Maximum Quantity/Volume Inner Packaging   |
| EXC_QUANT_IP_U  | 80        | UNIT | 3      |     |                 | Excepted Quantity: Unit of Meas. for Max.Qty Inner Packaging |
| EXC_QUANT_OP  | 81        | QUAN | 11     |     |                 | Excepted Quantity: Maximum Quantity/Volume Outer Packaging   |
| EXC_QUANT_OP_U  | 82        | UNIT | 3      |     |                 | Excepted Quantity: Unit of Meas. for Max.Qty Outer Packaging |
| DANLAB01  | 83        | CHAR | 10     |     |                 | Danger Label Number 1  |
| DANLAB02  | 84        | CHAR | 10     |     |                 | Danger Label Number 2  |
| DANLAB03  | 85        | CHAR | 10     |     |                 | Danger Label Number 3  |
| DANLAB04  | 86        | CHAR | 10     |     |                 | Danger Label Number 4  |
| DANLAB05  | 87        | CHAR | 10     |     |                 | Danger Label Number 5  |
| DANLAB06  | 88        | CHAR | 10     |     |                 | Danger Label Number 6  |
| DANLAB07  | 89        | CHAR | 10     |     |                 | Danger Label Number 7  |
| <b>E1EDD16</b> <span style="float: right;"><b>DG item data descriptions 3 (delivery)</b></span> |           |      |        |     |                 |  |
| <b>1/1</b>  |           |      |        |     |                 |  |
| AGGRT   | 1         | CHAR | 20     |     |                 | Name for state of aggregation                                |
| COWED   | 2         | CHAR | 132    |     |                 | Description of Water Pollution Class                         |
| FORM_PHYS_CHEM_D  | 3         | CHAR | 132    |     |                 | Description of Physical and Chemical Form                    |
| TUNNEL_RESTRICTION_CODE   | 4         | CHAR | 132    |     |                 | Description for Transport Type                               |
| <b>E1EDD13</b> <span style="float: right;"><b>Hazard notes on item level (delivery)</b></span>  |           |      |        |     |                 |  |
| <b>O</b> <span style="float: right;"><b>1/99</b></span>   |           |      |        |     |                 |  |
| EDIQ  | 1         | CHAR | 2      |     |                 | EDI: Qualifier for selecting hazard notes                    |
| DAIN  | 2         | CHAR | 4      |     |                 | Hazard Note  |
| DAID  | 3         | CHAR | 132    |     |                 | Text for Hazard Note   |

| field   | Pos. Seg. | type | length | M/O | content/example | description en                          |
|---|-----------|------|--------|-----|-----------------|---|
| <b>E1EDDH3</b>  |           |      |        |     |                 |   |
| <b>O 1/99 IDOC: DG text header (delivery item)</b>      |           |      |        |     |                 |   |
| FUNCTION  | 1         | CHAR | 3      |     |                 | Function (for transferred text)         |
| TDOBJECT  | 2         | CHAR | 10     |     |                 | Texts: application object               |
| TDOBNAME  | 3         | CHAR | 70     |     |                 | Name                                    |
| TDID  | 4         | CHAR | 4      |     |                 | Text ID                                 |
| TDTEXTTYPE  | 5         | CHAR | 6      |     |                 | SAPscript: Format of Text               |
| LANGUA_ISO  | 6         | CHAR | 2      |     |                 | Language key                            |
| PHRSEL  | 7         | CHAR | 30     |     |                 | Phrase Set                              |
| IDENTIFIER  | 8         | CHAR | 61     |     |                 | Identification (DGTm2 field name)       |
| LANGUA_PHR  | 9         | LANG | 1      |     |                 | Phrase language                         |
| <b>E1EDDP3</b>  |           |      |        |     |                 |   |
| <b>O 1/99999999 IDOC: DG text lines (delivery item)</b> |           |      |        |     |                 |   |
| TDFORMAT  | 1         | CHAR | 2      |     |                 | Tag column                              |
| TDLINE  | 2         | CHAR | 132    |     |                 | Text Line                               |
| <b>E1EDD14</b>  |           |      |        |     |                 |   |
| <b>O 1/1 DG control data (delivery item)</b>            |           |      |        |     |                 |   |
| DGARAND   | 1         | CHAR | 1      |     |                 | Exemption                               |
| DGPULIM   | 2         | CHAR | 1      |     |                 | Packed Under 450 l                      |
| DGPAS   | 3         | CHAR | 1      |     |                 | Listed Goods                            |
| DGREPQU   | 4         | CHAR | 1      |     |                 | Indicator: Reportable quantity          |
| DGEXCQU   | 5         | CHAR | 1      |     |                 | Excepted Quantity                       |
| DGSUP_TRANSIND01  | 6         | CHAR | 10     |     |                 | Indicator for Transport                 |
| DGSUP_TRANSIND02  | 7         | CHAR | 10     |     |                 | Indicator for Transport                 |
| DGSUP_TRANSIND03  | 8         | CHAR | 10     |     |                 | Indicator for Transport                 |
| DGSUP_TRANSIND04  | 9         | CHAR | 10     |     |                 | Indicator for Transport                 |
| DGSUP_TRANSIND05  | 10        | CHAR | 10     |     |                 | Indicator for Transport                 |
| DGSUP_TRANSIND06  | 11        | CHAR | 10     |     |                 | Indicator for Transport                 |
| DGSUP_TRANSIND07  | 12        | CHAR | 10     |     |                 | Indicator for Transport                 |
| DGSUP_TRANSIND08  | 13        | CHAR | 10     |     |                 | Indicator for Transport                 |
| <b>E1EDL19</b>  |           |      |        |     |                 |   |
| <b>O 1/99 IDOC: Controlling (Delivery Item)</b>         |           |      |        |     |                 |   |
| QUALF   | 1         | CHAR | 3      |     |                 | IDOC Qualifier: Control (Delivery Item) |
| PARAM   | 2         | CHAR | 20     |     |                 | IDOC: Control Parameters                |
| <b>E1EDL11</b>  |           |      |        |     |                 |   |
| <b>O 1/99999999 IDOC: Serial Number</b>                 |           |      |        |     |                 |   |
| SERNR   | 1         | CHAR | 18     |     |                 | Serial Number                           |
| Ull   | 2         | CHAR | 72     |     |                 | Unique Item Identifier                  |

| field   | Pos. Seg. | type | length | M/O | content/example | description en  |
|---|-----------|------|--------|-----|-----------------|---|
| <b>E1EDL15 O 1/9999 IDOC: Batch Characteristic</b>          |           |      |        |     |                 |   |
| ATINN   | 1         | NUMC | 10     |     |                 | Internal characteristic                                   |
| ATNAM   | 2         | CHAR | 30     |     |                 | Characteristic Name                                       |
| ATBEZ   | 3         | CHAR | 30     |     |                 | Characteristic description                                |
| ATWRT   | 4         | CHAR | 30     |     |                 | Characteristic Value                                      |
| ATWTB   | 5         | CHAR | 30     |     |                 | Characteristic value description                          |
| EWahr   | 6         | FLTP | 24     |     |                 | Tolerance from  |
| ATWRT_LONG  | 7         | CHAR | 70     |     |                 | Characteristic Value                                      |
| ATWTB_LONG  | 8         | CHAR | 70     |     |                 | Characteristic value description (70 length, technically) |
| <b>E1EDL35 O 1/1 Export Data Delivery Item</b>              |           |      |        |     |                 |   |
| STAWN   | 1         | CHAR | 17     |     |                 | Commodity Code/Import Code Number for Foreign Trade       |
| EXPRF   | 2         | CHAR | 5      |     |                 | Export/Import procedure for foreign trade (5 digits)      |
| EXART   | 3         | CHAR | 2      |     |                 | Business Transaction Type for Foreign Trade               |
| HERKL   | 4         | CHAR | 3      |     |                 | Country of Origin of Material (Non-Preferential Origin)   |
| HERKR   | 5         | CHAR | 3      |     |                 | Region of Origin of Material (Non-Preferential Origin)    |
| GRWRT   | 6         | CURR | 15     |     |                 | Statistical value for foreign trade                       |
| PREFE   | 7         | CHAR | 1      |     |                 | Preference indicator in export/import                     |
| <b>E1EDL36 O 1/1 Export Data Delivery Item Descriptions</b> |           |      |        |     |                 |   |
| STXT1   | 1         | CHAR | 40     |     |                 | Description of commodity code - First line                |
| STXT2   | 2         | CHAR | 40     |     |                 | Description of commodity code - Second line               |
| STXT3   | 3         | CHAR | 40     |     |                 | Description of commodity code - Third line                |
| STXT4   | 4         | CHAR | 40     |     |                 | Description of commodity code - Fourth line               |
| STXT5   | 5         | CHAR | 40     |     |                 | Description of commodity code - Fifth line                |
| STXT6   | 6         | CHAR | 40     |     |                 | Description of commodity code - Sixth line                |
| STXT7   | 7         | CHAR | 40     |     |                 | Description of commodity code - Seventh line              |
| EXPRF_BEZ   | 8         | CHAR | 30     |     |                 | Export/import procedure description                       |
| EXART_BEZ   | 9         | CHAR | 30     |     |                 | Description of business transaction type                  |
| HERKL_BEZ   | 10        | CHAR | 15     |     |                 | Description of country of origin                          |
| HERKR_BEZ   | 11        | CHAR | 20     |     |                 | Description of region of                                  |

| field          | Pos. Seg. | type           | length | M/O | content/example | description en                                 |
|----------------|-----------|----------------|--------|-----|-----------------|--|
|                |           |                |        |     |                 | origin   |
| <b>E1EDL43</b> | <b>O</b>  | <b>1/99</b>    |        |     |                 | <b>IDoc: Reference</b>                         |
| QUALF          | 1         | CHAR           | 1      |     |                 | SD document category                           |
| BELNR          | 2         | CHAR           | 35     |     |                 | IDOC document number                           |
| POSNR          | 3         | CHAR           | 6      |     |                 | Item number                                    |
| DATUM          | 4         | CHAR           | 8      |     |                 | IDOC: Date                                     |
| <b>E1EDL41</b> | <b>O</b>  | <b>1/2</b>     |        |     |                 | <b>Reference data ordering party</b>           |
| QUALI          | 1         | CHAR           | 3      |     |                 | Qualifier for Reference Data of Ordering Party |
| BSTNR          | 2         | CHAR           | 35     |     |                 | Customer Purchase Order Number                 |
| BSTDT          | 3         | DATS           | 8      |     |                 | Customer Purchase Order Date                   |
| BSARK          | 4         | CHAR           | 4      |     |                 | Customer purchase order type                   |
| IHREZ          | 5         | CHAR           | 12     |     |                 | Your Reference                                 |
| POSEX          | 6         | CHAR           | 6      |     |                 | Item Number of the Underlying Purchase Order   |
| <b>E1EDL42</b> | <b>O</b>  | <b>1/1</b>     |        |     |                 | <b>Reference data ordering party texts</b>     |
| BSARK_BEZ      | 1         | CHAR           | 20     |     |                 | Description of purchase order type             |
| <b>E1TXTH9</b> | <b>O</b>  | <b>1/99</b>    |        |     |                 | <b>General Text Header</b>                     |
| FUNCTION       | 1         | CHAR           | 3      |     |                 | Function (for transferred text)                |
| TDOBJECT       | 2         | CHAR           | 10     |     |                 | Texts: application object                      |
| TDOBNAME       | 3         | CHAR           | 70     |     |                 | Name   |
| TDID           | 4         | CHAR           | 4      |     |                 | Text ID  |
| TDSPRAS        | 5         | LANG           | 1      |     |                 | Language                                       |
| TDTEXTTYPE     | 6         | CHAR           | 6      |     |                 | SAPscript: Format of Text                      |
| LANGUA_ISO     | 7         | CHAR           | 2      |     |                 | Language key                                   |
| <b>E1TXTP9</b> | <b>O</b>  | <b>1/99</b>    |        |     |                 | <b>General Text Segment</b>                    |
| TDFORMAT       | 1         | CHAR           | 2      |     |                 | Tag column                                     |
| TDLINE         | 2         | CHAR           | 132    |     |                 | Text Line                                      |
| <b>E1EDL12</b> | <b>O</b>  | <b>1/9999</b>  |        |     |                 | <b>IDOC: Configuration</b>                     |
| ATINN          | 1         | NUMC           | 10     |     |                 | Internal characteristic                        |
| ATNAM          | 2         | CHAR           | 30     |     |                 | Characteristic Name                            |
| ATBEZ4         | 3         | CHAR           | 30     |     |                 | Characteristic description                     |
| ATWRT          | 4         | CHAR           | 30     |     |                 | Characteristic Value                           |
| ATWTB          | 5         | CHAR           | 30     |     |                 | Characteristic value description               |
| EWahr          | 6         | FLTP           | 24     |     |                 | Tolerance from                                 |
| <b>E1EDL37</b> | <b>O</b>  | <b>1/99999</b> |        |     |                 | <b>Handling unit header</b>                    |
| EXIDV          | 1         | CHAR           | 20     |     |                 | External Handling Unit Identification          |
| TARAG          | 2         | QUAN           | 17     |     |                 | Tare weight of handling unit                   |
| GWEIT          | 3         | UNIT           | 3      |     |                 | Weight Unit Tare                               |
| BRGEW          | 4         | QUAN           | 17     |     |                 | Total Weight of Handling Unit                  |





| field    | Pos. Seg. | type | length | M/O | content/example | description en   |
|----------|-----------|------|--------|-----|-----------------|--|
| NTGEW    | 5         | QUAN | 17     |     |                 | Loading Weight of Handling Unit                              |
| MAGEW    | 6         | QUAN | 17     |     |                 | Allowed Loading Weight of a Handling Unit                    |
| GWEIM    | 7         | UNIT | 3      |     |                 | Weight Unit  |
| BTVOL    | 8         | QUAN | 17     |     |                 | Total Volume of Handling Unit                                |
| NTVOL    | 9         | QUAN | 17     |     |                 | Loading Volume of Handling Unit                              |
| MAVOL    | 10        | QUAN | 17     |     |                 | Allowed Loading Volume for Handling Unit                     |
| VOLEM    | 11        | UNIT | 3      |     |                 | Volume Unit  |
| TAVOL    | 12        | QUAN | 17     |     |                 | Tare volume of handling unit                                 |
| VOLET    | 13        | UNIT | 3      |     |                 | Volume Unit Tare   |
| VEGR2    | 14        | CHAR | 5      |     |                 | Number of Packages   |
| VEGR1    | 15        | CHAR | 5      |     |                 | Package Number   |
| VEGR3    | 16        | CHAR | 5      |     |                 | Last HU  |
| VHILM    | 17        | CHAR | 18     |     |                 | Packaging Materials  |
| VEGR4    | 18        | CHAR | 5      |     |                 | Handling Unit Group 4 (Freely Definable)                     |
| LAENG    | 19        | QUAN | 15     |     |                 | Length   |
| VEGR5    | 20        | CHAR | 5      |     |                 | Handling Unit Group 5 (Freely Definable)                     |
| BREIT    | 21        | QUAN | 15     |     |                 | Width  |
| HOEHE    | 22        | QUAN | 15     |     |                 | Height   |
| MEABM    | 23        | UNIT | 3      |     |                 | Unit of Dimension for Length/Width/Height                    |
| INHALT   | 24        | CHAR | 40     |     |                 | Description of Handling Unit Content                         |
| VHART    | 25        | CHAR | 4      |     |                 | Packaging Material Type                                      |
| MAGRV    | 26        | CHAR | 4      |     |                 | Material Group: Packaging Materials                          |
| LADLG    | 27        | QUAN | 8      |     |                 | Lgth of loading platform in lgth of LdPlat measurement units |
| LADEH    | 28        | UNIT | 3      |     |                 | Unit of measure to measure the length of loading platform    |
| FARZT    | 29        | QUAN | 4      |     |                 | Travel Time  |
| FAREH    | 30        | UNIT | 3      |     |                 | Unit of travel time  |
| ENTFE    | 31        | QUAN | 8      |     |                 | Distance Travelled   |
| EHENT    | 32        | UNIT | 3      |     |                 | Unit of distance   |
| VELTP    | 33        | CHAR | 1      |     |                 | Packaging Material Category                                  |
| EXIDV2   | 34        | CHAR | 20     |     |                 | Handling Unit's 2nd External Identification                  |
| LANDT    | 35        | CHAR | 3      |     |                 | Country providing means of transport                         |
| LANDF    | 36        | CHAR | 3      |     |                 | Driver's Nationality   |
| NAMEF    | 37        | CHAR | 35     |     |                 | Driver name  |
| NAMBE    | 38        | CHAR | 35     |     |                 | Alternate Driver's Name                                      |
| VHILM_KU | 39        | CHAR | 22     |     |                 | Material belonging to the customer                           |

| field             | Pos. Seg. | type       | length | M/O                                       | content/example | description en   |
|-------------------|-----------|------------|--------|---|-----------------|--|
| VEBEZ             | 40        | CHAR       | 40     |   |                 | Description of Packaging Material                            |
| SMGKN             | 41        | CHAR       | 1      |   |                 | SMG identification for material tag                          |
| KDMAT35           | 42        | CHAR       | 35     |   |                 | Partner's (Customer's or Vendor's) Packaging Material        |
| SORTL             | 43        | CHAR       | 10     |   |                 | Sort field   |
| ERNAM             | 44        | CHAR       | 12     |   |                 | Name of Person Who Created the Object                        |
| GEWFX             | 45        | CHAR       | 1      |   |                 | Weight and Volume Fixed                                      |
| ERLKZ             | 46        | CHAR       | 1      |   |                 | Status (at this time without functionality)                  |
| EXIDA             | 47        | CHAR       | 1      |   |                 | Type of External Handling Unit Identifier                    |
| MOVE_STATUS       | 48        | CHAR       | 4      |   |                 | Handling unit status   |
| PACKVORSCHR       | 49        | CHAR       | 22     |   |                 | Text string 22 characters                                    |
| PACKVORSCHR_ST    | 50        | CHAR       | 1      |   |                 | Single-Character Flag  |
| LABELTYP          | 51        | CHAR       | 1      |   |                 | Indicator: do not print external shipping label              |
| ZUL_AUFL          | 52        | CHAR       | 17     |   |                 | 17-Char. Field   |
| VHILM_EXTERNAL    | 53        | CHAR       | 40     |   |                 | Shipping Material  |
| VHILM_VERSION     | 54        | CHAR       | 10     |   |                 | Version Number for Field VHILM                               |
| VHILM_GUID        | 55        | CHAR       | 32     |   |                 | External GUID for Field VHILM                                |
| KDMAT35_EXTERNAL  | 56        | CHAR       | 40     |   |                 | Long Material Number (Future Development) for KDMAT35 Field  |
| KDMAT35_VERSION   | 57        | CHAR       | 10     |   |                 | Version Number (Future Development) for KDMAT35 Field        |
| KDMAT35_GUID      | 58        | CHAR       | 32     |   |                 | External GUID (Future Development) for KDMAT35 Field         |
| VHILM_KU_EXTERNAL | 59        | CHAR       | 40     |   |                 | Long Material Number (Future Development) for Field VHILM_KU |
| VHILM_KU_VERSION  | 60        | CHAR       | 10     |   |                 | Version Number (Future Development) for Field VHILM_KU       |
| VHILM_KU_GUID     | 61        | CHAR       | 32     |   |                 | External GUID (Future Development) for Field VHILM_KU        |
| VHILM_LONG        | 62        | CHAR       | 40     |   |                 | Packaging Materials  |
| <b>E1EDL39</b>    |           |            |        |   |                 |  |
| <b>O</b>          |           | <b>1/9</b> |        | <b>Control Segment for Handling Units</b> |                 |  |
| QUALF             | 1         | CHAR       | 3      |   |                 | IDOC: Control Parameters                                     |
| PARAM             | 2         | CHAR       | 20     |   |                 | IDOC: Control Parameters                                     |
| <b>E1EDL38</b>    |           |            |        |   |                 |  |
| <b>O</b>          |           | <b>1/1</b> |        | <b>Handling Unit Header Descriptions</b>  |                 |  |
| VEGR1_BEZ         | 1         | CHAR       | 20     |   |                 | Description of shipping unit 1                               |
| VEGR2_BEZ         | 2         | CHAR       | 20     |   |                 | Description of shipping unit 2                               |
| VEGR3_BEZ         | 3         | CHAR       | 20     |   |                 | Description of shipping unit 3                               |

| field  | Pos. Seg. | type | length | M/O | content/example | description en  |
|--|-----------|------|--------|-----|-----------------|---|
| VEGR4_BEZ  | 4         | CHAR | 20     |     |                 | Description of shipping unit 4                            |
| VEGR5_BEZ  | 5         | CHAR | 20     |     |                 | Description of shipping unit 5                            |
| VHART_BEZ  | 6         | CHAR | 20     |     |                 | Description of shipping material type                     |
| MAGRV_BEZ  | 7         | CHAR | 20     |     |                 | Description of material grouping shipping material        |
| VEBEZ  | 8         | CHAR | 40     |     |                 | Description of Packaging Material                         |
| <b>E1EDL49 O 1/1 Express Delivery Company's Tracking Connection Data</b> |           |      |        |     |                 |   |
| XSITD  | 1         | CHAR | 10     |     |                 | Express Delivery Company                                  |
| SHIPACCT   | 2         | CHAR | 20     |     |                 | Sender's Account Number with Express Delivery Company     |
| TRACKN   | 3         | CHAR | 35     |     |                 | Tracking number   |
| XSIURL_SINGLE_TRACK  | 4         | CHAR | 255    |     |                 | URL for Carrier   |
| <b>E1EDL50 O 1/999999 Express Delivery Company - Additional Data</b>     |           |      |        |     |                 |   |
| XSIQUALF   | 1         | CHAR | 10     |     |                 | Express Delivery Company's Qualifier for Communication    |
| XSITD  | 2         | CHAR | 10     |     |                 | Express Delivery Company                                  |
| VLABDATA   | 3         | CHAR | 40     |     |                 | Express Delivery Company's Data Field                     |
| <b>E1EDL44 O 1/99999 Handling Unit Item (Delivery)</b>                   |           |      |        |     |                 |   |
| VELIN  | 1         | CHAR | 1      |     |                 | Type of Handling-unit Item Content                        |
| VBELN  | 2         | CHAR | 10     |     |                 | Sales and Distribution Document Number                    |
| POSNR  | 3         | NUMC | 6      |     |                 | Item number of the SD document                            |
| EXIDV  | 4         | CHAR | 20     |     |                 | External Handling Unit Identification                     |
| VEMNG  | 5         | QUAN | 17     |     |                 | Base Quantity Packed in the Handling Unit Item            |
| VEMEH  | 6         | UNIT | 3      |     |                 | Base Unit of Measure of the Quantity to be Packed (VEMNG) |
| MATNR  | 7         | CHAR | 18     |     |                 | Material Number   |
| KDMAT  | 8         | CHAR | 35     |     |                 | Material belonging to the customer                        |
| CHARG  | 9         | CHAR | 10     |     |                 | Batch Number  |
| WERKS  | 10        | CHAR | 4      |     |                 | Plant   |
| LGORT  | 11        | CHAR | 4      |     |                 | Storage Location  |
| CUOBJ  | 12        | NUMC | 18     |     |                 | Configuration (internal object number)                    |
| BESTQ  | 13        | CHAR | 1      |     |                 | Stock Category in the Warehouse Management System         |
| SOBKZ  | 14        | CHAR | 1      |     |                 | Special Stock Indicator                                   |
| SONUM  | 15        | CHAR | 16     |     |                 | Special Stock Number                                      |
| ANZSN  | 16        | INT4 | 11     |     |                 | Number of serial  |

| field  | Pos. Seg. | type | length | M/O | content/example | description en   |
|--|-----------|------|--------|-----|-----------------|--|
|  |           |      |        |     |                 | numbers  |
| WDATU  | 17        | DATS | 8      |     |                 | Date of Goods Receipt  |
| PARID  | 18        | CHAR | 35     |     |                 | External partner number                                      |
| MATNR_EXTERNAL                                   | 19        | CHAR | 40     |     |                 | Material Number  |
| MATNR_VERSION                                    | 20        | CHAR | 10     |     |                 | Version Number for MATNR Field                               |
| MATNR_GUID                                       | 21        | CHAR | 32     |     |                 | External GUID for MATNR Field                                |
| KDMAT_EXTERNAL                                   | 22        | CHAR | 40     |     |                 | Customer Material  |
| KDMAT_VERSION                                    | 23        | CHAR | 10     |     |                 | Customer Material  |
| KDMAT_GUID                                       | 24        | CHAR | 32     |     |                 | Customer Material  |
| MATNR_LONG                                       | 25        | CHAR | 40     |     |                 | Material Number (40 Characters, needed f. technical reasons) |
| <b>E1EDL46 O 1/9999999 Serial Numbers HU/UII</b> |           |      |        |     |                 |  |
| SERNR  | 1         | CHAR | 18     |     |                 | Serial Number  |
| UII  | 2         | CHAR | 72     |     |                 | Unique Item Identifier                                       |
| <b>E1EDL54 O 1/99999 Repack Handling Units</b>   |           |      |        |     |                 |  |
| SOURCEHU   | 1         | CHAR | 20     |     |                 | External Handling Unit Identification                        |
| DESTHU   | 2         | CHAR | 20     |     |                 | External Handling Unit Identification                        |
| PACKHU   | 3         | CHAR | 1      |     |                 | Pack handling unit   |
| PACK_QTY   | 4         | QUAN | 17     |     |                 | Base Quantity Packed in the Handling Unit Item               |
| BASE_UOM   | 5         | UNIT | 3      |     |                 | Base Unit of Measure   |
| MATERIAL   | 6         | CHAR | 18     |     |                 | Material Number  |
| BATCH  | 7         | CHAR | 10     |     |                 | Batch Number   |
| PLANT  | 8         | CHAR | 4      |     |                 | Plant  |
| STGE_LOC   | 9         | CHAR | 4      |     |                 | Storage Location   |
| STOCK_CAT  | 10        | CHAR | 1      |     |                 | Stock Category in the Warehouse Management System            |
| SPEC_STOCK                                       | 11        | CHAR | 1      |     |                 | Special Stock Indicator                                      |
| SP_STCK_NO                                       | 12        | CHAR | 16     |     |                 | Special Stock Number   |
| DELIV_NUMB                                       | 13        | CHAR | 10     |     |                 | Delivery   |
| DELIV_ITEM                                       | 14        | NUMC | 6      |     |                 | Delivery Item  |
| MATERIAL_EXTERNAL                                | 15        | CHAR | 40     |     |                 | Long Material Number for MATERIAL Field                      |
| MATERIAL_VERSION                                 | 16        | CHAR | 10     |     |                 | Version Number for MATERIAL Field                            |
| MATERIAL_GUID                                    | 17        | CHAR | 32     |     |                 | External GUID for MATERIAL Field                             |
| MATERIAL_LONG                                    | 18        | CHAR | 40     |     |                 | Material Number (40 Characters, needed f. technical reasons) |