Ein Bild, das Logo enthält.

Automatisch generierte Beschreibung

**Supplier Despatch Advice Message**

EDIFACT D01B DESADV

**Version: 1.1**

Author: Competec Service AG

Created: 11.07.2024

Changelog

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Change** | **Author** |
| 1.0 | 11.07.2024 | Initial definition | SEBR |
| 1.1 | 24.07.2024 | Corrections | DAO |

Status Codes

|  |  |
| --- | --- |
| **Code** | **Description** |
| M | Mandatory D01B Field |
| C | Conditional D01B Field |

Colors Codes

|  |  |
| --- | --- |
| **Color** | **Description** |
|  | Mandatory Competec Field |
|  | Conditional Competec Field |
|  | Field not used by Competec |

References

<https://unece.org/trade/uncefact/introducing-unedifact>

<https://www.stylusstudio.com/edifact/D01B/DESADV.htm>

Head Section

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **UNB | Interchange Header** | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | S001 | SYNTAX IDENTIFIER | M |  |  |
|  | 0001 | Syntax identifier | M | +UNOC |  |
|  | 0002 | Syntax version number | M | :3 | ***Supported codes:***  3, 4 |
| 020 | S002 | INTERCHANGE SENDER | M |  |  |
|  | 0004 | Interchange sender identification | M | +7600000… | Sender Party GLN |
|  | 0007 | Identification code qualifier | C | :14 | 14 = EAN International |
| 030 | S003 | INTERCHANGE RECIPIENT | M |  |  |
|  | 0010 | Interchange recipient identification | M | +7600000… | Receiver Party GLN |
|  | 0007 | Identification code qualifier | C | :14 | 14 = EAN International |
| 040 | S004 | DATE AND TIME OF PREPARATION | M |  |  |
|  | 0017 | Date | M | +240313 | yyMMdd |
|  | 0019 | Time | M | :2214 | HHmm |
| 050 | 0020 | Interchange control reference | M | +123' |  |
| 060 | S005 | RECIPIENT'S REFERENCE/PASSWORD DETAILS | C |  | Not in use |
| 070 | 0026 | Application reference | C |  | Not in use |
| 080 | 0029 | Processing priority code | C |  | Not in use |
| 090 | 0031 | Acknowledgement request | C |  | Not in use |
| 100 | 0032 | Interchange agreement identifier | C |  | Not in use |
| 110 | 0035 | Test indicator | C | +1 | 1 = Test |

**Example:**

UNB+UNOC:3+7630000000000:14+7630000000001:14+240313:2214+123++DESADV++++1'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0010 | Segment | UNH | Message Header** | | | | | |
| A service segment starting and uniquely identifying a message. The message type code for the Despatch advice message is DESADV. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 0062 | MESSAGE REFERENCE NUMBER | M | +1 |  |
| 020 | S009 | MESSAGE IDENTIFIER | M |  |  |
|  | 0065 | Message type | M | +DESADV |  |
|  | 0052 | Message version number | M | :D |  |
|  | 0054 | Message release number | M | :01B |  |
|  | 0051 | Controlling agency, coded | M | :UN |  |
|  | 0057 | Association assigned code | C |  | optional |
|  | … |  | C |  | Not in use |

**Example:**

UNH+1+DESADV:D:01B:UN'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0020 | Segment | BGM | Beginning of message** | | | | | |
| A segment for unique identification of the Despatch Advice document, by means of its name and its number. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C002 | DOCUMENT/MESSAGE NAME | C |  |  |
|  | 1001 | Document name code | C | +351 | ***Supported codes:***  351 = Despatch advice |
|  | … |  | C |  | Not in use |
| 020 | 1004 | Document identifier | C | +DN123456 | Despatch advice nbr. |
| 030 | 1225 | Message function, coded | C | +9 | ***Supported codes:***  9 = Original |
| 040 | 4343 | Response type, coded | C |  | Not in use |

**Example:**

BGM+351+DN123456+9'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0030 | DTM | Date/time/period** | | | | | |
| A segment specifying general dates and, when relevant, times related to the whole message. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C507 | DATE/TIME/PERIOD | M |  |  |
|  | 2005 | Date/time/period qualifier | M | +17 | ***Supported codes:***  137 = Document date  17 = Delivery Date estimated |
|  | 2380 | Date/time/period | C | :20240229 |  |
|  | 2379 | Date/time/period format qualifier | C | :102 | ***Supported codes:***  102 = CCYYMMDD |

**Example**:

DTM+137:20240313:102

DTM+17:20240229:102

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0040 | ALI | Additional information** | | | | | |
| A segment indicating that the message is subject to special conditions due to origin, customs preference or commercial factors. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 3239 | Country of origin name code | C |  |  |
|  | 9213 | Duty regime type code | C |  |  |
|  | 4183 | Special condition code | C | +148 | **Supported codes:**  148 = Supply direct delivery (marks diect deliveries, not required for warehouse deliveries) |

**Example**:

ALI+++148'

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| **0080 | Segment Group 1 | References and Dates** |
| A group of segments for giving references and where necessary, their dates, relating to the whole message. |

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| **SG1 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 0090 | RFF | Reference |  |
| 0100 | DTM | Date/time/period |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0090 | Segment | RFF | Reference** | | | | | |
| A segment to specify a reference by its number. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C506 | REFERENCE | M |  |  |
|  | 1153 | Reference qualifier | M | +ON | ***Supported codes:***  ON = Order number  CN = Carrier's reference number (dropshipment) |
|  | 1154 | Reference number | C | :1990845089' | Competec Order number (ON), Consignment/package number for tracking purposes (CN) |
|  | … |  |  |  | Not in use |

**Example:**

RFF+ON:1990845089'

RFF+CN:99.9999.9999.99'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0100 | Segment | DTM | Date/time/period** | | | | | |
| A segment specifying the date/time related to the reference. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C507 | DATE/TIME/PERIOD | M |  |  |
|  | 2005 | Date/time/period qualifier | M | +171 | ***Supported codes:***  171 = Reference date/time |
|  | 2380 | Date/time/period | C | :20240228 |  |
|  | 2379 | Date/time/period format qualifier | C | :102 | ***Supported codes:***  102 = CCYYMMDD |

**Example:**

DTM+171:20240228:102'

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| **0110 | Segment Group 2 | Parties** |
| A group of segments identifying the parties with associated information. |

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| **SG2 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 0120 | NAD | Name (& Address) |  |

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| --- | --- | --- | --- | --- | --- |
| **0120 | Segment | NAD | Name and address** | | | | | |
| A segment identifying names and addresses of the parties and their functions relevant to the despatch advice. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 3035 | Party qualifier | M | +UC | ***Supported codes:***  BY = Buyer  SU = Supplier  DP = Delivery party  (warehouse deliveries)  UC = Ultimate consignee (dropshipment deliveries) |
| 020 | C082 | PARTY IDENTIFICATION DETAILS | C |  |  |
|  | 3039 | Party  identification | M | +760999… | Not required for UC party |
| 030 | C058 | NAME AND ADDRESS | C |  | Not in use |
| 040 | C080 | PARTY NAME | C |  |  |
|  | 3036 | Party name | M | +Frau | Address name 1 |
|  | 3036 | Party name | C | :Cornelia Muster | Address name 2 |
| 050 | C059 | STREET | C |  |  |
|  | 3042 | Street and number/p.o. box | M | +Streetname 1 | Street name 1 |
|  | 3042 | Street and number/p.o. box | C | :Building 10b | Street name 2 |
| 060 | 3164 | City name | C | +Zürich |  |
| 070 | 3229 | Country sub-entity identification | C |  | Not in use |
| 080 | 3251 | Postcode identification | C | +8005 | PLZ |
| 090 | 3207 | Country, coded | C | +CH |  |

**Example (dropshipment):**

NAD+BY+7630000000001::9'

NAD+SU+7630000000000::9'

NAD+UC+++Cornelia Muster+ Streetname 1:Building 10b+Zürich++8005+CH'

**Example (warehouse):**

NAD+BY+7630000000001::9'

NAD+SU+7630000000000::9'

NAD+DP+7609999129308::9++Alltron AG+Street 10+Willisau Competec++6131+CH'

|  |
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| **0240 | Segment Group 6 | Details of transport** |
| A group of segments specifying details of the mode, means and method of transport and date/time of departure and destination relevant to the whole despatch advice. |

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| **SG6 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 0250 | TDT | Details of transport |  |

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| **0250 | Segment | TDT | Details of transport** | | | | | |
| A segment specifying the carriage, and the mode and means of transport of the goods being despatched. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 8051 | Transport stage code qualifier | M | +20 | 20 = Main-carriage transport |
| 020 | 8028 | Means of transport journey identifier | C |  | Not in use |
| 030 | C220 | MODE OF TRANSPORT | C |  |  |
|  | 8067 | Transport mode name code | C | +50 | 30 = Road transport  50 = Mail  100 = Courier service |
| 040 | C228 | TRANSPORT MEANS | C |  | Not in use |
| 050 | C040 | CARRIER | C |  |  |
|  | 3127 | Carrier identifier | M | +7611550000001 | GLN of Carrier/Forwarding Agent |
|  | 1131 | Code list identification code | C | : | Street name 2 |
|  | 3055 | Code list responsible agency code | C | :9 | 9 = EAN (International Article Numbering association) |
|  | 3128 | Carrier name | C | :Post CH AG |  |
|  | … |  |  |  |  |
| 080 | C222 | TRANSPORT IDENTIFICATION | C |  |  |
|  | … |  |  |  |  |
|  | 8212 | Transport means identification name | C | :BL 123456 | Vehicle licence plate |

**Example (dropshipment):**

TDT+20++50++7611550000001::9:Post CH AG'

**Example (warehouse):**

TDT+20++30++7611550000002::9:Müller Transport+++:::BL 123456'

Detail Section

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| **0390 | Segment Group 10 | Consignment packing sequence** |
| A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. |

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| **SG10 Used Segment List** | | | | |
| **Pos** | | **Tag** | **Name** |  |
| 0400 | | CPS | Consignment packing sequence |  |
|  |

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| --- | --- | --- | --- | --- | --- |
| **0400 | Segment | CPS | Consignment packing sequence** | | | | | |
| A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 7164 | Hirarchical Structure level ident. | M | 1 |  |
| 020 | 7166 | Hirarchical Structure parent ident. | C |  |  |
| 030 | 7075 | Packaging level code | C |  |  |

**Example**:

CPS+1'

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| **0650 | Segment Group 17 | Lines** |
| A segment identifying the product being despatched. |

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| --- | --- | --- | --- |
| **SG17 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 0660 | LIN | Line item |  |
| 0670 | PIA | Additional product id |  |
| 0680 | IMD | Item description |  |
| 0700 | QTY | Quantity |  |
| SG18 | RFF | Reference |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0660 | Segment | LIN | Line item** | | | | | |
| A segment identifying the product being despatched | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 1082 | Line item number | C | +1 |  |
| 020 | 1229 | Action request/notification, coded | C |  | Not used |
| 030 | C212 | ITEM NUMBER IDENTIFICATION | C |  |  |
|  | 7140 | Item number | C | +9120072855368 | EAN |
|  | 7143 | Item number type, coded | C | :EN | ***Supported codes:***  EN = International Article Numbering Association (EAN)  SRV = EAN.UCC Global Trade Item Number |
| 040 | C829 | SUB-LINE INFORMATION | C |  | Not used |
| 050 | 1222 | Configuration level | C |  | Not used |
| 060 | 7083 | Configuration, coded | C |  | Not used |

**Example**:

LIN+1++0197497400854:SRV'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0670 | Segment | PIA | Additional product id** | | | | | |
| A segment providing either additional identification to the product specified in the LIN segment. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 4347 | Product id. function qualifier | M | +1 | ***Supported codes:***  1 = Additional identification  5 = Product identification |
| 020 | C212 | ITEM NUMBER IDENTIFICATION | M |  |  |
|  | 7140 | Item number | C | +1567285 | Competec item number |
|  | 7143 | Item number type, coded | C | :IN | ***Supported codes:***  IN = Buyer's item number |
| 030 | C212 | ITEM NUMBER IDENTIFICATION | C |  | Not used |
| 040 | C212 | ITEM NUMBER IDENTIFICATION | C |  | Not used |
| 050 | C212 | ITEM NUMBER IDENTIFICATION | C |  | Not used |
| 060 | C212 | ITEM NUMBER IDENTIFICATION | C |  | Not used |

**Example:**

PIA+5+1567285:IN'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0680 | Segment | IMD | Item description** | | | | | |
| A segment for describing the product or service being ordered. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 7077 | Item description type, coded | C | +F | ***Supported codes:***  A = Free-form long description  F = Free form |
| 020 | 7081 | Item characteristic, coded | C |  | Not in use |
| 030 | C273 | ITEM DESCRIPTION | C |  |  |
|  | … |  |  |  | Not in use |
|  | 7008 | Item description | C | :Buttergipfel | First 35 description chars |
|  | 7008 | Item description | C | :ExtraKnusprig | Second 35 description chars (descriptions longer than 70 chars will be trimmed) |
| 040 | 7383 | Surface/layer indicator, coded | C |  | Not in use |

**Example**:

IMD+F++:::ELITEBOOK 845 G10 R5-7540U'

IMD+F++:::PRO X360 435 G10 R3-7330U:Second Line Text'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **700 | Segment | QTY | Quantity** | | | | | |
| A segment identifying the despatched quantity. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C186 | QUANTITY DETAILS | M |  |  |
|  | 6063 | Quantity qualifier | M | +12 | ***Supported codes:***  12 = dispatched quantity |
|  | 6060 | Quantity | M | :2 | Only integer values supported |
|  | 6411 | Measure unit qualifier | C | :PCE | ***Supported codes:***  PCE = Piece |

**Example**:

QTY+12:2:PCE'

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| --- |
| **0820 | Segment Group 18 | Line References and Dates** |
| A group of segments for giving references and where necessary, their dates, relating to the whole message. |

|  |  |  |  |
| --- | --- | --- | --- |
| **SG1 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 0830 | RFF | Reference |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0830 | Segment | RFF | Reference** | | | | | |
| A segment identifying documents related to the line item. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C506 | REFERENCE | M |  |  |
|  | 1153 | Reference qualifier | M | +LI | ***Supported codes:***  LI = Line item reference number |
|  | 1154 | Reference number | C | :1000 | Competec order line number |
|  | … |  |  |  | Not in use |

**Example:**

RFF+LI:1000'

Summary section

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1150 | Segment | UNT | Message trailer** | | | | | |
| A service segment ending a message, giving the total number of segments in the message and the control reference number of the message. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 0074 | Number of segments in a message | M | +21 |  |
| 020 | 0062 | Message reference number | M | +1 | Message reference number from UNH segment |

**Example**:

UNT+21+1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **UNZ | Interchange trailer** | | | | | |
| To end and check the completeness of an interchange. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 0036 | Interchange control count | M | +1 |  |
| 020 | 0020 | Interchange control reference | M | +123 | Interchange control reference from UNB segment |

**Example**:

UNZ+1+10

Example DESADV Message (warehouse delivery)

|  |  |  |
| --- | --- | --- |
| Header | UNA:+.? ' |  |
| UNB+UNOC:3+7630000000000:14+7630000000001:14+240313:2214+123++DESADV++++1' |
| UNH+1+DESADV:D:01B:UN' |
| BGM+351+DN123456+9' |
| DTM+137:20240313:102'  DTM+17:20240229:102' |
| RFF+ON:1990845089' | SG1 |
| DTM+171:20240228:102' |
| NAD+BY+7630000000001::9'  NAD+SU+7630000000000::9'  NAD+DP+7609999129308::9++Alltron AG+Street 10+Willisau Competec++6131+CH' | SG2 |
| TDT+20++30++7611550000002::9:Müller Transport+++:::BL 123456' | SG06 |
| Detail | CPS+1' | SG10 |
| LIN+1++0197497400854:SRV'  PIA+5+1567285:IN'  IMD+A++:::PRO X360 435 G10 R3-7330U:Second Line Text'  QTY+12:2:PCE'  RFF+LI:1000' | SG17 |
|  | LIN+2++0197497651164:SRV'  PIA+5+1567326:IN'  IMD+A++:::ELITEBOOK 845 G10 R5-7540U'  QTY+12:2:PCE'  RFF+LI:2000' | SG17 |
| Summary | UNT+24+1' UNZ+1+123 |  |

Example DESADV Message (dropshipment delivery)

|  |  |  |
| --- | --- | --- |
| Header | UNA:+.? ' |  |
| UNB+UNOC:3+7630000000000:14+7630000000001:14+240313:2214+123++DESADV++++1' |
| UNH+1+DESADV:D:01B:UN' |
| BGM+351+DN123456+9' |
| DTM+137:20240313:102'  DTM+17:20240229:102' |
| ALI+++148' |  |
| RFF+CN:99.9999.9999.99'  RFF+ON:1990845089' | SG1 |
| DTM+171:20240228:102' |
| NAD+BY+7630000000001::9'  NAD+SU+7630000000000::9'  NAD+UC+++Frau:Cornelia Muster+ Streetname 1:Building 10b+Zürich++8005+CH | SG2 |
| TDT+20++50++7611550000001::9:Post CH AG' | SG06 |
| Detail | CPS+1' | SG10 |
| LIN+1++0197497400854:SRV'  PIA+5+1567285:IN'  IMD+A++:::PRO X360 435 G10 R3-7330U:Second Line Text'  QTY+12:2:PCE'  RFF+LI:1000' | SG17 |
|  | LIN+2++0197497651164:SRV'  PIA+5+1567326:IN'  IMD+A++:::ELITEBOOK 845 G10 R5-7540U'  QTY+12:2:PCE'  RFF+LI:2000' | SG17 |
| Summary | UNT+24+1' UNZ+1+123 |  |