

EDIFACT D01B ORDRSP

Brack Alltron AG

Version 1.1, 30-09-2024

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Supplier Orderresponse

Preface

This document describes the implementation of Edifact D01B for supplier orders.

Changelog

Table 1. Changelog

| Version | Date | Change | Author |
|---------|------------|--|--------|
| 1.0 | 18.12.2023 | Initial definition | SEBR |
| 1.1 | 30.09.2024 | Conversion to Adoc, small corrections | SEBR |

Status Codes

| Code | Description |
|------|----------------------------|
| M | Mandatory D01B Field |
| C | Conditional D01B Field |
| M | Mandatory by Brack Alltron |

References

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

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

Header 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 | :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 | +220527 | yyMMdd |
| | 0019 | Time | M | :1629 | HHmm |
| 050 | 0020 | Interchange control reference | M | +19' | |
| 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:4+7601001000100:14+7613081000000:14+220527:1629+19++++0++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 | +ORDRSP | |
| | 0052 | Message version number | M | :D | |
| | 0054 | Message release number | M | :01B | |
| | 0051 | Controlling agency, coded | M | :UN | |
| | 0057 | Association assigned code | C | EAN005 | |
| | ... | | C | | Not in use |

Example

```
UNH+1+ORDRSP:D:01B:UN'
UNH+1+ORDRSP:D:01B:UN:EAN005'
```

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 | BGM | |
| | 1001 | Document name code | C | +231 | |
| | | Supported: 231 = Order Response | | | |
| | ... | | C | | Not in use |
| 020 | 1004 | Document identifier | C | +3794276' | Order Response id |
| 030 | 1225 | Message function, coded | C | +9 | |
| | | Supported: 9 = Original 4 = Changed | | | |
| 040 | 4343 | Response type, coded | C | | Not in use |

Example

```
BGM+231+3794276'
```

BGM+231+123456+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 | DTM | |
| | 2005 | Date/time/period qualifier | M | +137 | |
| | | Supported: 137 = Document date 2 = Delivery Date requested | | | |
| | 2380 | Date/time/period | C | :20220217 | |
| | 2379 | Date/time/period format qualifier | C | :102 | |
| | | Supported: 102 = CCYYMMDD 204 = CCYYMMDDHHMMSS | | | |

Example:

DTM+137:20220527162918:204'
DTM+137:20230228:102'

Segment Group 1

0090 | Segment Group 1 | RFF-DTM

A group of segments for giving references and where necessary, their dates, relating to the whole message.

SG1 Summary

| Pos | Tag | Name |
|------|-----|-------------|
| 0110 | RFF | Reference |
| 0110 | DTM | Date / time |

0100 | Segment | RFF | Reference

A segment to specify a reference by its number.

| Pos | Segment/ Element | Description | Status | Example | Remarks |
|-----|---------------------|--|--------|--------------|-------------------------------|
| 010 | C506 | REFERENCE | M | RFF | |
| | 1153 | Reference qualifier | M | +ON | |
| | | Supported codes: ON = Order Number Purchase VN = Seller Reference | | | |
| | 1154 | Reference number | C | :1990833739' | Brack Alltron Order number |
| | ... | | | | Not in use |

Example:

RFF+ON:1990833739'
RFF+VN:3794276'

0110 | Segment | 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 | +171 | |
| | | Supported: 171 = Reference date/time | | | |
| | 2380 | Date/time/period | C | :20230228 | |
| | 2379 | Date/time/period format qualifier | C | :102 | |
| | | Supported codes: 102 = CCYYMMDD 204 = CCYYMMDDHHMMSS | | | |

Example:

DTM+171:20230228:102'

Segment Group 3

0150 | Segment Group 3 | Parties

A group of segments identifying the parties with associated information.

SG2 Summary

| Pos | Tag | Name |
|------|-----|------------------|
| 0120 | NAD | Name and address |

0160 | Segment | NAD | Name and address

A segment identifying names and addresses of the parties and their functions relevant to the order. Identification of the seller and buyer parties is mandatory for the order message.

| Pos | Segment/Element | Description | Status | Example | Remarks |
|-----|-----------------|--|--------|--------------------|---------------|
| 010 | 3035 | Party qualifier | M | +DP | |
| | | BY = Buyer SU = Supplier DP = Delivery Party M | | | |
| 020 | C082 | PARTY IDENTIFICATION DETAILS | C | | |
| | 3039 | Party id. identification | M | +7613... | Our GLN |
| | | ... | | | Not in use |
| 030 | C058 | NAME AND ADDRESS | C | + | Not in use |
| 040 | C080 | PARTY NAME | C | | |
| | 3036 | Party name | M | +BRACK.CH AG | Name 1 |
| | 3036 | Party name | C | | Name 2 |
| | ... | | | | Not in use |
| 050 | C059 | STREET | C | | |
| | 3042 | Street and number/p.o. box | M | :Rossgassmoos 10 | Street name 1 |
| | 3042 | Street and number/p.o. box | C | | Street name 2 |
| | ... | | | | Not in use |
| 060 | 3164 | City name | C | +Willisau Competec | |
| 070 | C819 | COUNTRY SUB-ENTITY DETAILS | C | +CH | Not in use |
| 080 | 3251 | Postcode identification | C | +6131 | PLZ |
| 090 | 3207 | Country, coded | C | | Not in use |

Example:

NAD+BY+123456::9'

NAD+SU+7609999068409::9'

NAD+DP+7613081000000++BRACK.CH AG+::Rossgassmoos 10+Willisau Competec+CH+6131'

Detail Section

Segment Group 26

0970 | Segment Group 26 | Lines

A group of segments providing details of the individual ordered items.

SG26 Summary

| Pos | Tag | Name | Mandatory |
|------|------|-----------------------|-------------|
| 0980 | LIN | Line item | M |
| 0990 | PIA | Additional product id | M |
| 1000 | IMD | Item description | Conditional |
| 1020 | QTY | Quantity | M |
| 1050 | DTM | Date | M |
| 1270 | SG30 | Price Details | Conditional |
| 1340 | RFF | Reference | Conditional |

0980 | Segment | LIN | Line item

A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service ordered.

| Pos | Segment/Element | Description | Status | Example | Remarks |
|-----|-----------------|--|--------|---------|---------------------------|
| 010 | 1082 | Line item number | M | +10 | Must be unique in message |
| 020 | 1229 | Action request / notification description code | M | +5 | |
| | | Supported codes: 2 = deleted 3 = changed 4 = no action 5 = acc. no amendment 6 = acc. with amendment 7 = not accepted | | | |

| 0980 Segment LIN Line item | | | | | |
|----------------------------------|------|--|---|--------------------|------------|
| 030 | C212 | ITEM NUMBER IDENTIFICATION | C | | |
| | 7140 | Item identifier | C | +761300165313 2 | EAN |
| | 7143 | Item type identification code | C | :EN | |
| | | Supported codes: EN = International Article Numbering Association (EAN) SRV = EAN.UCC Global Trade Item Nbr | | | |
| | ... | | | | Not in use |
| 040 | C829 | SUB-LINE INFO | C | | Not in use |
| 050 | 1222 | Configuration level number | C | | Not in use |
| 060 | 7083 | Configuration operation code | C | | Not in use |

Example:

LIN+10+5+7613001653132:EN'

| 0990 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. code qualifier | M | +1 | |
| | | Supported: 1 = additional identification | | | |
| 020 | C212 | ITEM NUMBER IDENTIFICATION | M | | |
| | 7140 | Item number | C | +7277199 | article number |
| | 7143 | Item number type, coded | C | :VN | |
| | | Supported codes: SA = Supplier's article nbr. IN = Buyer's article nbr. BP = Buyer's part nbr. VN = Vendor's article nbr. MF = Manufacturers Article nbr. | | | |
| | ... | | | | Not in use |
| 030 | C212 | ITEM NUMBER IDENTIFICATION | C | | Not in use |
| 040 | C212 | ITEM NUMBER IDENTIFICATION | C | | Not in use |

| 0990 Segment PIA Additional product id | | | | | |
|--|------|----------------------------|---|--|------------|
| 050 | C212 | ITEM NUMBER IDENTIFICATION | C | | Not in use |
| 060 | C212 | ITEM NUMBER IDENTIFICATION | C | | Not in use |

Example:

PIA+1+991397:SA'

| 1000 Segment IMD Item description | | | | | |
|--|-----------------|---------------------------------------|--------|------------------------|------------|
| A segment for describing the product or service being ordered as well as product characteristic. | | | | | |
| Pos | Segment/Element | Description | Status | Example | Remarks |
| 010 | 7077 | Description format code | C | +F | |
| | | Supported codes: F = Free-Form | | | |
| 020 | C272 | ITEM CHARACTERISTIC | C | | |
| | 7081 | Item description code | C | +8 | |
| | | Supported codes: 8 = Product | | | |
| | ... | | | + | Not in use |
| 030 | C273 | ITEM DESCRIPTION | C | | |
| | ... | | C | +:: | Not in use |
| | 7008 | Item description | C | :ALPINAMED MSM Curcuma | optional |
| | ... | | C | | Not in use |
| 040 | ... | | C | | Not in use |

Example:

IMD+F+8+:::ALPINAMED MSM Curcuma'

| 1020 Segment QTY Quantity | | | | | |
|--|-----------------|-------------|--------|---------|---------|
| A segment identifying the product quantities / ordered quantities. | | | | | |
| Pos | Segment/Element | Description | Status | Example | Remarks |

| 1020 Segment QTY Quantity | | | | | |
|---------------------------------|------|--|---|------|-------------------|
| 010 | C186 | QUANTITY DETAILS | M | | |
| | 6063 | Quantity type code qualifier | M | :21 | |
| | | Supported codes: 12 = Despatch Quantity 21 = Ordered Quantity 40 = Normal Delivery | | | |
| | 6060 | Quantity | M | 10 | |
| | 6411 | Measurement unit code | C | :PCE | Only PCE accepted |

Example:

QTY+21:12:PCE '
QTY+21:10'

| 0150 Segment DTM Date/time/period | | | | | |
|---|-----------------|--|--------|-----------|---------|
| A segment specifying date/time/period details relating to the line item only. | | | | | |
| Pos | Segment/Element | Description | Status | Example | Remarks |
| 010 | C507 | DATE/TIME/PERIOD | M | | |
| | 2005 | Date/time/period qualifier | M | +2 | |
| | | Supported codes: 02 = Delivery requested 10 = Shipment requested 17 = Delivery estimated 35 = Delivery actual 69 = Delivery promised | | | |
| | 2380 | Date/time/period | C | :20230228 | |
| | 2379 | Date/time/period format qualifier | C | :102 | |
| Supported : 102 = CCYYMMDD | | | | | |

Example:

DTM+2:20220527:102'

Segment Group 30

1270 | Segment Group 30 | Price

A group of segments identifying the relevant pricing information for the goods or services ordered.

SG28 Summary

| Pos | Tag | Name |
|------|-----|---------------|
| 1280 | PRI | Price details |

1280 | Segment | PRI | Price details

A segment to specify the price type and amount.

| Pos | Segment/Element | Description | Status | Example | Remarks |
|-----|--|------------------------------|--------|---------|------------|
| 010 | C509 | PRICE INFORMATION | C | | |
| | 5125 | Price code qualifier | M | +AAA | |
| | Supported: AAA= calculation net | | | | |
| | 5118 | Price amount | C | 1644 | |
| | ... | | C | | Not in use |
| 020 | 5213 | Sub-line price change, coded | C | | Not in use |

Example:

PRI+AAA:1644'

1290 | Segment | CUX | Currencies

A segment identifying the order currency. Only CHF is supported at the moment.

| Pos | Segment/Element | Description | Status | Example | Remarks |
|-----|--|-------------------------------|--------|---------|------------|
| 010 | C504 | CURRENCY DETAILS | C | | |
| | 6347 | Currency usage code qualifier | M | +2 | |
| | Supported : 2 = Reference currency | | | | |
| | 6345 | Currency, coded | C | :CHF | |
| | Supported: Only CHF | | | | |
| | 6343 | Currency qualifier | C | :4 | |
| | Supported codes: 4 = invoicing currency | | | | |
| 020 | | | | | Not in use |

| 1290 Segment CUX Currencies | | | | | |
|-----------------------------------|--|--|--|--|------------|
| 030 | | | | | Not in use |
| 040 | | | | | Not in use |

Example:

CUX+2:CHF:4'

Segment Group 31

1330 | Segment Group 31 | Reference

A group of segments giving references and where necessary, their dates, relating to the line item.

SG31 Summary

| Pos | Tag | Name |
|------|-----|-----------|
| 1340 | RFF | Reference |

1340 | Segment | RFF | Reference

A segment identifying the reference by its number and where appropriate a line number within a document..

| Pos | Segment/Element | Description | Status | Example | Remarks |
|-----|--|--------------------------|--------|-------------|------------------------|
| 010 | C506 | REFERENCE | M | | |
| | 1153 | Reference code qualifier | M | +ON | |
| | Supported: ON = Order Number Purchase | | | | |
| | 1154 | Reference Identifier | C | :0038360362 | Customer Order number |
| | 1156 | Document Line identifier | C | :22 | Customer line position |
| | ... | | C | | Not in use |

Example:

RFF+ON:0038360362:22'

Summary Section

2090 | Segment | UNS | Section control

A service segment placed at the start of the summary section to avoid segment collision.

| Pos | Segment/Element | Description | Status | Example | Remarks |
|---|-----------------|------------------------|--------|---------|---------|
| 010 | 0081 | Section identification | M | +S | |
| Supported: S = Detail/summary section separation | | | | | |

Example:

UNS+S'

2160 | 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 | +43 | |
| 020 | 0062 | Message reference number | M | +1' | Order Id |

Example:

UNT+43+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 | +19' | |

Example:

UNZ+1+19'

Message Example

| | | |
|---------------------------------|--|-------|
| | UNA:+.? ' UNB+UNOC:4+7601001000100:14+7613081000000:14+220527:1629+19++++0++1' | |
| H E A D E R | UNH+1+ORDRSP:D:01B:UN' BGM+231+3794276' | |
| | DTM+137:20220527162918:204' | SG 1 |
| | RFF+ON:1990833739' RFF+VN:3794276' | |
| | NAD+DP+7613081000000+BRACK.CH AG+BRACK.CH AG+:Rossgassmoos 10+Willisau Competec+CH+6131' | SG 3 |
| D E A T A I L | LIN+10+5+7613001653132:EN' PIA+1+7277199:VN::92' IMD+F+8+::ALPINAMED MSM Curcuma' QTY+21:12:PCE' QTY+40:12:PCE' DTM+2:20220527:102' DTM+10:20220531:102' | SG 26 |
| | PRI+AAA:11.33' CUX+2:CHF:4' | SG 30 |
| | RFF+ON:1990918371:17' | SG 31 |
| | UNS+S' UNT+43+1' UNZ+1+19' | |