

**Customer Invoice Message**

EDIFACT D01B INVOIC

**Version: 1.2**

Author: Brack.Alltron Service AG

Created: 13.06.2023

Changelog

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Change** | **Author** |
| 1.0 | 13.06.2023 | Initial definition | DAO |
| 1.1 | 20.06.2023 | Add line level order number references | DAO |
| 1.2 | 03.04.2025 | Rebrand to Brack.Alltron | BRA |

Status Codes

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

References

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

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

Head Section

|  |  |  |  |  |  |
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| **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 |  |
| 020 | S002 | INTERCHANGE SENDER | M |  |  |
|  | 0004 | Interchange sender identification | M | +7609999129308 | Sender Party GLN |
|  | 0007 | Identification code qualifier | C | :14 | 14 = EAN International |
| 030 | S003 | INTERCHANGE RECIPIENT | M |  |  |
|  | 0010 | Interchange recipient identification | M | +760000000000 | Receiver Party GLN |
|  | 0007 | Identification code qualifier | C | :14 | 14 = EAN International |
| 040 | S004 | DATE AND TIME OF PREPARATION | M |  |  |
|  | 0017 | Date | M | +210520 | yyMMdd |
|  | 0019 | Time | M | :0836 | HHmm |
| 050 | 0020 | Interchange control reference | M | +123456 |  |
| 060 | S005 | RECIPIENT'S REFERENCE/PASSWORD DETAILS | C |  | Not used |
| 070 | 0026 | Application reference | C |  | Not used |
| 080 | 0029 | Processing priority code | C |  | Not used |
| 090 | 0031 | Acknowledgement request | C |  | Not used |
| 100 | 0032 | Interchange agreement identifier | C |  | Not used |
| 110 | 0035 | Test indicator | C | +1 | 1 = Test |

**Example:**

UNA:+.? '

UNB+UNOC:3+7609999129308:14+0:14+210520:0836+123456++++++1'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0010 | Segment | UNH | Message Header** | | | | | |
| A service segment starting and uniquely identifying a message. The message type code for the Invoice message is INVOIC. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 0062 | MESSAGE REFERENCE NUMBER | M | +20210520083649 |  |
| 020 | S009 | MESSAGE IDENTIFIER | M |  |  |
|  | 0065 | Message type | M | +INVOIC |  |
|  | 0052 | Message version number | M | :D |  |
|  | 0054 | Message release number | M | :01B |  |
|  | 0051 | Controlling agency, coded | M | :UN |  |

**Example:**

UNH+20210520083649+INVOIC:D:96A:UN'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0020 | Segment | BGM | Beginning of message** | | | | | |
| A segment by which the sender must uniquely identify the invoice by means of its type and number and when necessary its function. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C002 | DOCUMENT/MESSAGE NAME | C |  |  |
|  | 1001 | Document name code | C | +380 | ***Supported codes:***  380 = Invoice |
| 020 | 1004 | Document identifier | C | +31036674 | Competec Invoice Id |
| 030 | 1225 | Message function, coded | C |  | Not used |
| 040 | 4343 | Response type, coded | C |  | Not used |

**Example:**

BGM+380+31036674'

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| --- | --- | --- | --- | --- | --- |
| **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 | +3 | ***Supported codes:***  3 = Invoice date/time  137 = Document/message date/time |
|  | 2380 | Date/time/period | C | :20230419 |  |
|  | 2379 | Date/time/period format qualifier | C | :102 | ***Supported codes:***  102 = CCYYMMDD |

**Example**:

DTM+3:20230419:102'

DTM+137:20210520:102'

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| **0120 | 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** |  |
| 0130 | RFF | Reference |  |
| 0140 | DTM | Date/time/period |  |

|  |  |  |  |  |  |
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| **0130 | 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 (purchase)  DQ = Delivery note number |
|  | 1154 | Reference number | C | :85651241 | Buyers Order number/id |

**Example:**

RFF+ON:85651241'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0140 | 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 | :20230419 |  |
|  | 2379 | Date/time/period format qualifier | C | :102 | ***Supported codes:***  102 = CCYYMMDD |

**Example:**

DTM+171:20230419:102'

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| **0220 | Segment Group 2 | Invoice Parties** |
| A group of segments identifying the parties with associated information. |

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| **SG2 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 0230 | NAD | Name and address |  |
| 0250 | FII | Financial institution information |  |
| 0270 | SG3 | Party References and Dates |  |

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| **0230 | Segment | NAD | Name and address** | | | | | |
| A segment identifying names and addresses of the parties and their functions relevant to the invoice. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 3035 | Party qualifier | M | +IV | ***Supported codes:***  IV = Invoicee  BY = Buyer  SU = Supplier  DP = Delivery Party |
| 020 | C082 | PARTY IDENTIFICATION DETAILS | C |  |  |
|  | 3039 | Party id. identification | M | +A001234 |  |
| 030 | C058 | NAME AND ADDRESS | C |  | Not used |
| 040 | C080 | PARTY NAME | C |  |  |
|  | 3036 | Party name | M | +Sample Company | Address name 1 |
|  | 3036 | Party name | C | :John Doe | 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 used |
| 080 | 3251 | Postcode identification | C | +8005 | PLZ |
| 090 | 3207 | Country, coded | C | +CH |  |

**Example:**

NAD+IV+A001234++Sample Company:John Doe+Streetname 1:Building 10b+Zürich++8005+CH'

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| **0250 | Segment | FII | Financial institution information** | | | | | |
| A segment identifying the financial institution (e.g. bank) and relevant account numbers for the seller, buyer and where necessary other parties. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 3035 | Party qualifier | M | +RB | ***Supported codes:***  RB = Receiving financial institution |
| 020 | C078 | ACCOUNT IDENTIFICATION | C |  |  |
|  | 3194 | Account holder number | C | :CH9430761016097605323 | QR IBAN |
| 030 | C088 | INSTITUTION IDENTIFICATION | C |  | Not used |
| 040 | 3207 | Country, coded | C |  | Not used |

**Example:**

FII+RB+CH9430761016097605323'

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| **0270 | Segment Group 3 | Party References and Dates** |
| A group of segment for giving references only relevant to the specified party rather than the whole invoice. |

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| **SG3 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 0280 | RFF | Reference |  |

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| **0280 | Segment | RFF | Party Reference** | | | | | |
| A segment identifying a party reference by its number. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C506 | REFERENCE | M |  |  |
|  | 1153 | Reference qualifier | M | +VA | ***Supported codes:***  VA = VAT registration number |
|  | 1154 | Reference number | C | :CHE-191.398.369 MWST |  |

**Example:**

RFF+VA:CHE-191.398.369 MWST'

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| **0360 | Segment Group 6 | Tax information** |
| A group of segments specifying tax related information. |

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| **SG6 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 0370 | TAX | Reference |  |
| 0380 | MOA | Monetary amount |  |

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| **0370 | Segment | TAX | Duty/tax/fee details** | | | | | |
| A segment specifying a tax type, category and rate or exemption, relating to the whole invoice e.g. Value Added Tax at the standard rate is applicable for all items. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 5283 | Duty/tax/fee function qualifier | M | +7 | ***Supported codes:***  7 = Tax |
| 020 | C241 | DUTY/TAX/FEE TYPE | C |  |  |
|  | 5153 | Duty/tax/fee type, coded | C | +VAT | ***Supported codes:***  VAT = Value added tax |
| 030 | C533 | DUTY/TAX/FEE ACCOUNT DETAIL | C |  | Not used |
| 040 | 5286 | Duty/tax/fee assessment basis | C |  | Not used |
| 050 | C243 | DUTY/TAX/FEE DETAIL | C |  |  |
|  | 5278 | Duty/tax/fee rate | C | :7.7 | VAT rate |
| 060 | 5305 | Duty/tax/fee category, coded | C | +S | ***Supported codes:***  S = Standard rate |
| 070 | 3446 | Party tax identification number | C |  | Not used |

**Example:**

TAX+7+VAT+++:::7.7+S'

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| **0380 | Segment | MOA | Monetary amount** | | | | | |
| A segment specifying the amount for the identified tax/fee. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C516 | MONETARY AMOUNT | M |  |  |
|  | 5025 | Monetary amount type qualifier | M | +1 | ***Supported codes:***  1 = VAT, 1st value |
|  | 5004 | Monetary amount | C | :0.62 |  |

**Example:**

MOA+1:0.62'

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| **0400 | Segment Group 7 | Currencies** |
| A group of segments specifying the currencies and related dates/periods valid for the whole invoice. |

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| **SG7 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 0290 | CUX | Currencies |  |

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| **0410 | Segment | CUX | Currencies** | | | | | |
| A segment identifying the invoice currency. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C504 | CURRENCY DETAILS | C |  |  |
|  | 6347 | Currency details qualifier | M | +2 | ***Supported codes:***  2 = Reference currency |
|  | 6345 | Currency, coded | C | :CHF | ***Supported codes:***  CHF |
|  | 6343 | Currency qualifier | C | :4 | ***Supported codes:***  4 = Invoicing currency |

**Example**:

CUX+2:CHF:4'

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| **0430 | Segment Group 8 | Terms of payment** |
| A group of segments specifying the terms of payment applicable for the whole invoice. |

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| **SG8 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 0440 | PAT | Payment term basis |  |

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| **0440 | Segment | PAT | Payment terms basis** | | | | | |
| A segment identifying the payment terms and date/time basis. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 4279 | Payment terms type qualifier | M | +1 | ***Supported codes:***  1 = Basic |
| 020 | C110 | PAYMENT TERMS | C |  | Not used |
| 030 | C112 | TERMS/TIME INFORMATION | C |  |  |
|  | 2475 | Payment time reference, coded | M | +5 | ***Supported codes:***  5 = Date of invoice |
|  | 2009 | Time relation, coded | C | :3 | ***Supported codes:***  3 = After reference |
|  | 2151 | Type of period, coded | C | :D | ***Supported codes:***  D = Day |
|  | 2152 | Number of periods | C | :20 | Due date as absolute number of days after invoicing |

**Example**:

PAT+1++5:3:D:20'

Detail Section

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| **1090 | Segment Group 26 | Lines** |
| A group of segments providing details of the individual invoiced items. |

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| **SG26 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 1100 | LIN | Line item |  |
| 1110 | PIA | Additional product id |  |
| 1130 | IMD | Item description |  |
| 1150 | QTY | Quantity |  |
| 1180 | DTM | Date/time/period |  |
| 1200 | GIR | Related identification numbers |  |
| 1250 | SG27 | Line item monetary amounts |  |
| 1330 | SG29 | Line item prices |  |
| 1550 | SG34 | Line item Tax information |  |

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| **1100 | 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 | C | +1 | Customer's line number |
| 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) |
| 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++4250152110195:EN'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1110 | Segment | PIA | Additional product id** | | | | | |
| A segment providing 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 |
| 020 | C212 | ITEM NUMBER IDENTIFICATION | M |  |  |
|  | 7140 | Item number | C | +18906117 |  |
|  | 7143 | Item number type, coded | C | :BP | ***Supported codes:***  BP = Buyer's part number  SA = Supplier's article 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+1+18906117:BP'

PIA+1+1451693:SA'

|  |  |  |  |  |  |
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| **1130 | 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 | +A | ***Supported codes:***  A = Free-form long description |
| 020 | 7081 | Item characteristic, coded | C |  | Not used |
| 030 | C273 | ITEM DESCRIPTION | C |  |  |
|  | … |  |  |  |  |
|  | 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 used |

**Example**:

IMD+A++:::Buttergipfel:ExtraKnusprig'

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| --- | --- | --- | --- | --- | --- |
| **1150 | Segment | QTY | Quantity** | | | | | |
| A segment identifying the invoiced quantity. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C186 | QUANTITY DETAILS | M |  |  |
|  | 6063 | Quantity qualifier | M | +47 | ***Supported codes:***  47 = Invoiced quantity |
|  | 6060 | Quantity | M | :2 |  |
|  | 6411 | Measure unit qualifier | C | :PCE | ***Supported codes:***  PCE = Piece |

**Example**:

QTY+47:2:PCE'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1180 | 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 | +143 | ***Supported codes:***  143= Date on which the goods are taken over by the carrier  17 = Delivery date/time, estimated |
|  | 2380 | Date/time/period | C | :20210520 |  |
|  | 2379 | Date/time/period format qualifier | C | :102 | ***Supported codes:***  102 = CCYYMMDD |

**Example**:

DTM+143:20210520:102'

DTM+17:20210521:102'

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| **1200 | Segment | GIR | Related identification numbers** | | | | | |
| A segment providing sets of related identification numbers for a line item, e.g. serial numbers, if available. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 7297 | Set identification qualifier | M | +1 | ***Supported codes:***  1 = Product |
| 020 | C206 | IDENTIFICATION NUMBER | M |  |  |
|  | 7402 | Identity number | M | +GPKBD1102A123456 |  |
|  | 7405 | Identity number qualifier | C | :BN | ***Supported codes:***  BN = Serial number |

**Example**:

GIR+1+GPKBD1102A123456:BN'

GIR+1+GPKBD1102A678910:BN'

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| **1250 | Segment Group 27 | Line Amounts** |
| A group of segments specifying any monetary amounts relating to the products. |

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| **SG27 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 1260 | MOA | Monetary amount |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1260 | Segment | MOA | Monetary amount** | | | | | |
| A segment specifying any monetary amounts relating to the product. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C516 | MONETARY AMOUNT | M |  |  |
|  | 5025 | Monetary amount type qualifier | M | +66 | ***Supported codes:***  66 = Goods item total (Net price times quantity for the line item) |
|  | 5004 | Monetary amount | C | :11.78 |  |

**Example**:

MOA+66:11.78'

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| **1330 | Segment Group 29 | Price** |
| A group of segments identifying the relevant pricing information for the goods or services invoiced. |

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| **SG29 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 1340 | PRI | Price details |  |

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| --- | --- | --- | --- | --- | --- |
| **1340 | 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 qualifier | M | +AAA | ***Supported codes:***  AAA = Calculation net |
|  | 5118 | Price | C | :5.89 |  |
| 020 | 5213 | Sub-line price change, coded | C |  | Not used |

**Example**:

PRI+AAA:5.89'

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| **1390 | Segment Group 30 | Line References and Dates** |
| A group giving references and where necessary, their dates, relating to the line item. |

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| **SG30 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 1400 | RFF | Reference |  |

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| --- | --- | --- | --- | --- | --- |
| **1400 | Segment | RFF | Line Reference** | | | | | |
| A segment identifying the 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 (purchase) |
|  | 1154 | Reference number | C | 12345 |  |

**Example:**

RFF+ON:12345'

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| **1550 | Segment Group 34 | Line item tax** |
| A group of segments specifying tax related information for the line item |

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| **SG34 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 1560 | TAX | Duty/tax/fee details |  |
| 1570 | MOA | Monetary amount |  |

|  |  |  |  |  |  |
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| **1560 | Segment | TAX | Duty/tax/fee details** | | | | | |
| A segment specifying a tax type, category and rate, or exemption, relating to the line item. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 5283 | Duty/tax/fee function qualifier | M | +7 | ***Supported codes:***  7 = Tax |
| 020 | C241 | DUTY/TAX/FEE TYPE | C |  |  |
|  | 5153 | Duty/tax/fee type, coded | C | +VAT | ***Supported codes:***  VAT = Value added tax |
| 030 | C533 | DUTY/TAX/FEE ACCOUNT DETAIL | C |  | Not used |
| 040 | 5286 | Duty/tax/fee assessment basis | C |  | Not used |
| 050 | C243 | DUTY/TAX/FEE DETAIL | C |  |  |
|  | … |  |  |  |  |
|  | 5278 | Duty/tax/fee rate | C | :2.5 | VAT rate |
| 060 | 5305 | Duty/tax/fee category, coded | C | +S | ***Supported codes:***  S = Standard rate |
| 070 | 3446 | Party tax identification number | C |  | Not used |

**Example:**

TAX+7+VAT+++:::2.5+S'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1570 | Segment | MOA | Monetary amount** | | | | | |
| A segment specifying the amount for the identified tax/fee. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C516 | MONETARY AMOUNT | M |  |  |
|  | 5025 | Monetary amount type qualifier | M | +1 | ***Supported codes:***  1 = VAT, 1st value |
|  | 5004 | Monetary amount | C | :0.62 |  |

**Example:**

MOA+1:0.62'

Summary section

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **2170 | 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 codes:***  S = Detail/summary section separation |

**Example**:

UNS+S'

|  |
| --- |
| **2190 | Segment Group 50 | Total amounts** |
| A group of segments giving total amounts for the whole invoice and - if relevant -detailing amounts pre-paid with relevant references and dates. |

|  |  |  |  |
| --- | --- | --- | --- |
| **SG50 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 2200 | MOA | Monetary amount |  |
| 2210 | SG51 | Total amount references |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **2200 | Segment | MOA | Monetary amount** | | | | | |
| A segment giving the total amounts for the whole invoice message. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C516 | MONETARY AMOUNT | M |  |  |
|  | 5025 | Monetary amount type qualifier | M | +77 | ***Supported codes:***  77 = Invoice amount  124 = Tax amount  79 = Total line items amount  47 = Delivery fee |
|  | 5004 | Monetary amount | C | :13.37 |  |

**Example**:

MOA+77:13.37'

|  |
| --- |
| **2210 | Segment Group 51 | Total amount references** |
| A group of segments for giving references and where necessary. |

|  |  |  |  |
| --- | --- | --- | --- |
| **SG51 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 2220 | RFF | Reference |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **2220 | Segment | RFF | Party Reference** | | | | | |
| A segment identifying a payment reference of an amount by its number, e.g. the QR Reference. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C506 | REFERENCE | M |  |  |
|  | 1153 | Reference qualifier | M | +PQ | ***Supported codes:***  PQ = Payment reference |
|  | 1154 | Reference number | C | :810156000001111111310366743 | QR Reference |

**Example:**

RFF+PQ:810156000001111111310366743'

|  |
| --- |
| **2240 | Segment Group 52 | Total invoice taxes** |
| A group of segments specifying taxes totals for the invoice. Per tax rate there is one SG52. |

|  |  |  |  |
| --- | --- | --- | --- |
| **SG52 Used Segment List** | | | |
| **Pos** | **Tag** | **Name** |  |
| 2250 | TAX | Duty/tax/fee details |  |
| 2260 | MOA | Monetary amount |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **2250 | Segment | TAX | Duty/tax/fee details** | | | | | |
| A segment specifying the tax type to be summarized. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 5283 | Duty/tax/fee function qualifier | M | +7 | ***Supported codes:***  7 = Tax |
| 020 | C241 | DUTY/TAX/FEE TYPE | C |  |  |
|  | 5153 | Duty/tax/fee type, coded | C | +VAT | ***Supported codes:***  VAT = Value added tax |
| 030 | C533 | DUTY/TAX/FEE ACCOUNT DETAIL | C |  | Not used |
| 040 | 5286 | Duty/tax/fee assessment basis | C |  | Not used |
| 050 | C243 | DUTY/TAX/FEE DETAIL | C |  |  |
|  | … |  |  |  |  |
|  | 5278 | Duty/tax/fee rate | C | :2.5 | VAT rate |
| 060 | 5305 | Duty/tax/fee category, coded | C |  |  |
| 070 | 3446 | Party tax identification number | C |  | Not used |

**Example:**

TAX+7+VAT+++:::2.5+S'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1570 | Segment | MOA | Monetary amount** | | | | | |
| A segment specifying the amount for the identified tax/fee. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C516 | MONETARY AMOUNT | M |  |  |
|  | 5025 | Monetary amount type qualifier | M | +1 | ***Supported codes:***  1 = VAT, 1st value |
|  | 5004 | Monetary amount | C | :0.62 |  |

**Example:**

MOA+125:71.30'

MOA+124:5.59'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **2320 | 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 | +39 |  |
| 020 | 0062 | Message reference number | M | +20210520083649' | Message reference number from UNH segment |

**Example**:

UNT+39+20210520083649'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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 | +210520083649 | Interchange control reference from UNB segment |

**Example**:

UNZ+1+210520083649'

Example INVOIC message

UNA:+.? '

UNB+UNOC:3+7609999129308:14+0:14+210520:0836+210520083649++++++1'

UNH+20210520083649+INVOIC:D:96A:UN'

BGM+380+31036674'

DTM+3:20230419:102'

DTM+137:20210520:102'

RFF+ON:PO1337'

RFF+DQ:31036674'

DTM+171:20230419:102'

NAD+IV+A12345++Sample AG+Teststrasse 1b+Zürich++8005'

NAD+BY+B12345++Sample AG+Teststreet 10+Dintikon++5606'

RFF+VA:CHE-114.904.380'

NAD+SU+7609999129308++Alltron AG+Hintermättlistr. 3+Mägenwil++5506+CH'

FII+RB+CH9430761016097605323'

RFF+VA:CHE-191.398.369 MWST'

TAX+7+VAT+++:::2.5+S'

MOA+1:0.15'

TAX+7+VAT+++:::7.7+S'

MOA+1:0.62'

CUX+2:CHF:4'

PAT+1++5:3:D:20'

LIN+1++4250152110195:EN'

PIA+1+18906117:BP'

PIA+1+1451693:SA'

IMD+A++:::Lunderland Bio-Kokosöl'

QTY+47:1:PCE'

DTM+143:20230419:102'

DTM+17:20230420:102'

MOA+66:5.89'

PRI+AAA:5.89'

RFF+ON:PO1337'

TAX+7+VAT+++:::2.5+S'

MOA+1:0.15'

UNS+S'

MOA+77:14.75'

RFF+PQ:810156000001111111310366743'

MOA+124:0.77'

MOA+79:5.89'

MOA+47:8.1'

UNT+40+20210520083649'

UNZ+1+210520083649'