A picture containing drawing

Description automatically generated

**Message Implementation Guide**

**Message Implementation Guide**

**Message Implement**Introduction

**Message Implementation Guide**

**n Guide**

**Invoice File – ASCII Comma Delimted**

**ma Delimted**

**ma Delimted**

**ma Delimted**

Introduction**Invoice File – ASCII Comma Delimted**

**ma Delimted**

**ma Delimted**

**ma Delimted**

**Contents**

[Introduction 2](file:///C:\Users\clair.spence\Documents\New%20MIGs\Full%20Order\CSV%20MIG%20-%20Invoice.docx#_Toc54598149)

[Overview 3](#_Toc54598150)

[File Naming Standard 4](#_Toc54598151)

[Understanding the Document 4](#_Toc54598152)

[File Layout Structure 5](#_Toc54598153)

[Message Header 7](#_Toc54598154)

[Document Header 8](#_Toc54598155)

[Invoice Header 10](#_Toc54598156)

[Invoice Line 13](#_Toc54598157)

# Introduction

This specification is for ASCII Invoice messages sent in to TrueCommerece. It is a general specification. This does not apply to any particular trading partner. Data positions listed here as optional may be mandatory for a given trading partner

# Overview

ASCII file interfaces have been developed by TrueCommerce to provide a standard alternative to each of the EDI messages.

All of the ASCII file interfaces share the following common principles:

* The file data is formatted into a single file with a multi-record layout – i.e. header, lines, lots. This logically structures the information contained with the file, and also reduces the amount of data required. The first field of each line is the record format identifier.
* The encoding of the file is UTF-8.
* Comma ( ‘,’ ) delimiters (hex ‘2C’) are used to separate fields on the each line.
* Each Segment must be terminated by CRLF characters (hex ‘0D0A’)
* Alpha fields should be trimmed of leading blanks and trailing blanks. If the field could contain a comma then these fields have a double quote (“) as a initiator and terminator. Please see the individual field definition.
* The interface layout documents will describe how many integers and decimal are expected per numeric field in the file. Leading zeroes are not required for the integer portion of the field. If the field has any decimal places then the complete decimal portion of the field will be required, complete with the decimal point. Thousand separators are not expected. When the value of the field is negative the negative sign symbol is required – this can be provided to the left or the right of the number.
* Date fields are always expected to be provided as ‘CCYY-MM-DD. Eg. 2012-10-01 for the 1st October 2012
* Time fields are expected to be provided as ‘HH24:MM:SS+/-ZZ:ZZ’ using the 24 hour clock.Eg. 18:25:30 for 6.25 and 30 seconds PM or 09:30:00 for 9.30 AM exactly.
* If a record is designated as optional (Min Occurs = 0) you do not need to provide it.
* If a field is designated as optional (Min Occurs = 0) you can miss the field out by placing the prior delimiter and following delimiter next to each other.

For example. ABC| |0.000|XYZ could be replaced with ABCX|||XYZ

This will reduce the data size of the file and will increase transfer speed.

# File Naming Standard

The file name will be formatted in the following standard:

* Invoices will be named as TC\_IN\_ssssss.TXT

Where: ssssss is a sequential **incrementing counter issued** by the sender. This could be the Invoice number.

# Understanding the Document

File Structure section shows the layout of the file, describing which records are expected, which are optional, and the number of occurrences. The document line is in italics because the record is conceptual and is to show the sub records form part of a document.

The document then describes each record in turn, with the fields within it. Any fields in italics are conceptual.

Each field has a ‘Min Occurs’ column. 1 means the field is mandatory, 0 means optional.

This same message structure is shared for Invoices, Credit Notes and Debit Notes.

The document will explain which sections / fields are specific to credits / debits, rather than original invoices. These sections are used to refer back to the original invoice information.

Debit notes may reference one or more invoices.

Credit notes may reference a single debit note, and one or more invoices. A reference to a debit note is optional.

**Please check with your trading partner that the information contained in the message is sufficient for your/their requirements**

# File Layout Structure

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | **Description** | **Min Occurs** | **Max Occurs** | **Segment**  **ID** |
| **Message Header** |  |  |  |  |  | 1 | 1 | MSGHDR |
|  | ***Document*** |  |  |  |  | 1 | 9999 |  |
|  |  | Document Header |  |  | Document Header | 1 | 1 | DOCHDR |
|  |  |  | Customer Address |  | Customer Address Details | 1 | 1 | CUSTADDR |
|  |  |  | Supplier Address |  | Supplier Address Details | 1 | 1 | SUPPADDR |
|  |  |  | Document Notes |  | General notes attached to the document | 0 | 9999 | NOTES |
|  |  | Invoice Header |  |  |  | 1 | 1 | INVHDR |
|  |  |  | Invoice From |  | Full address of the invoice-from location | 0 | 1 | INVFRADDR |
|  |  |  | Invoice To |  | Full address of the invoice-to location | 0 | 1 | INVTOADDR |
|  |  |  | Settlement Terms |  | Settlement terms agreed between the buyer and seller | 0 | 9999 | SETTLEMENT |
|  |  |  | Invoice Notes |  | General notes pertaining to the specific invoice | 0 | 9999 | NOTES |
|  |  | Credit Note Ref |  |  | For credit / debit notes only | 0 | 9999 | CRDNOTEREF |
|  |  | Invoice Line |  |  |  | 1 | 9999 | INVLINE |
|  |  |  | Order Branch |  |  | 0 | 1 | ORDBADDR |
|  |  |  | Line Costs |  |  | 1 | 1 | INVLINECOST |
|  |  |  |  | Complex Adj |  | 0 | 9999 | CMPLXADJ |
|  |  |  | Delivery |  |  | 1 | 1 | INVLDEL |
|  |  |  |  | Despatch From |  | 0 | 1 | DSPFRADDR |
|  |  |  |  | Deliver To |  | 0 | 1 | DVTOADDR |
|  |  |  |  | Carrier |  | 0 | 1 | CARRADDR |
|  |  |  |  | Secondary Ship |  | 0 | 1 | SSLNADDR |
|  |  |  | Notes |  |  | 0 | 9999 | NOTES |
|  |  | VAT Summary |  |  |  | 1 | 9999 | VATSUM |
|  |  | Invoice Total |  |  |  | 1 | 1 | INVTOT |
|  |  | Invoice Trailer |  |  |  | 1 | 1 | INVTLR |

# Message Header

1 per message/file

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | MSGHDR |
| 2 | MsgType | Message Type. Will be INVOICE for this Invoices, CREDIT for Credit Notes or DEBIT for Debit Notes. If a mixture of types is included then use INVOICE. | 1 | an..10 | INVOICE, CREDIT, DEBIT |
| 3..4 | FileDate | File date. See [*Date/Time component*](#_Date/Time_component) for field descriptions | 1 |  |  |
| 5 | ReceiverCode | Original inbound Receiver's ANA code | 0 | an..13 |  |
| 6 | SenderCode | Original inbound Sender's ANA code | 0 | an..13 |  |
| 7 | SenderRef | Original inbound Sender's Transmission Reference | 0 | an..14 |  |
| 8 | FileGenNo | Original inbound File Generation Number | 0 | n..4 |  |
| 9 | FileVerNo | Original inbound File Version Number | 0 | n..4 |  |
| 10 | TrdtDate | Original Transmission Date | 0 | an..10 | Formatted as CCYY-MM-DD |
| 11 | TrdtTime | Original Transmission Time | 0 | an..14 | Formatted as HH24:MM:SS+/-ZZ:ZZ |

# Document Header

1 per document

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | DOCHDR |
| 2 | DocType | Document Type. Will be INVOICE for Invoices, CREDIT for Credit Notes or DEBIT for Debit Notes | 1 | an..20 | INVOICE, CREDIT, DEBIT |
| 3 | DocFunction | Describes the purpose of the document transmission | 1 | an.20 | ORIGINAL,  REPLACEMENT,  CANCELLATION |
| 4..5 | DocDate | Document creation date. See Date/Time component for field descriptions | 1 |  |  |
| 6 | RoutingCode | Document routing code. This is used to enable documents to be routed to specific mail-slots, based on this value. | 0 |  |  |

**Customer Address Details**

1 per document

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | CUSTADDR |
| 2..29 | Address component | See [Address Component](#_Address_component) for details |  |  |  |

#### 

**Supplier Address Details**

1 per document

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | SUPPADDR |
| 2..29 | Address component | See [Address Component](#_Address_component) for details |  |  |  |

**Document Notes**

0..9999 per document

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | NOTES |
| 2 | Notes component | See [Notes Component](#_Notes_component) for details | 1 |  |  |

# Invoice Header

1 per document. Mandatory

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | INVHDR |
| 2 | Invoice Number | Document Number : Invoice, Credit, Debit | 1 | an..20 |  |
| 3 | Invoice Batch No | Invoice Batch Number. Not applicable for credit notes | 1 | an..20 |  |
| 4 | Invoice Date | Date of Invoice /Credit Note/Debit Note | 1 | an..10 | Formatted as CCYY-MM-DD |
| 5 | Tax Point Date | Tax point date | 1 | an..10 | Formatted as CCYY-MM-DD |
| 6 | Invoice Period End Date | Invoice Period End Date. Not applicable for Credit Notes | 0 | an..10 | Formatted as CCYY-MM-DD |
| 7 | Delivery Period End Date | Delivery Period End Date. Not applicable for Credit Notes | 0 | an..8 | Formatted as CCYY-MM-DD |
| 8 | Invoice Class | Invoice class may be used to control the flow of different types of invoices. | 0 | an..10 |  |
| 9 | Brand | Business brand. | 0 | an..10 |  |
| 10 | SupplyGroup | Group code associated with the fufilment of the order. This may be used to reference a haulier. | 0 | an..10 |  |
| 11 | Debit Note No | Number of Debit Note raised by Customer: Applicable to credits only | 0 | an..20 |  |
| 12 | Debit Note Date | Date of Debit Note: Applicable to credits only | 0 | an..10 | Formatted as CCYY-MM-DD |
| 13 | Collection Note No | Number of supplier's Collection Note: Applicable to credits only | 0 | an..20 |  |
| 14 | Collection Note Date | Date of Collection Note: Applicable to credits only | 0 | an..10 | Formatted as CCYY-MM-DD |
| 15..20 | Currency | Invoicing currency details. See [*Currency component*](#_Currency_component) for field descriptions. | 1 |  |  |

**Invoice-from Address Details**

0..1 per document. States the name and **address of the** ordering entity. Optional. If not used then TrueCommerce defaults are applied for the supplier.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | INVFRADD |
| 2..29 | Address component | See [Address Component](#_Address_component) for details |  |  |  |

**Invoice-to Address Details**

0..1 per document. States the name and address of the ordering entity. Optional. If not used then TrueCommerce defaults are applied for the customer.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | INVTOADDR |
| 2..29 | Address component | See [Address Component](#_Address_component) for details |  |  |  |

**Settlement Terms**

1..9999 per Invoice Header. Settlement terms agreed between the buyer and seller.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | SETTLEMENT |
| 2 | TermsOfPayment | Text for Terms of Payment. | 0 | an..50 | Initiator/Terminator = “ |
| 3 | SettlementDate | Date that payment should be made available to the payee to obtain the specified discount. | 0 | an..8,0 | Formatted as CCYY-MM-DD |
| 4 | SettlementDays | Days until payment is due is defined as the number of calendar days after a reference date, commonly the date of invoice, that the payment is to be made available to the payee. | 0 | n..3,0 |  |
| 5 | Percentage | Percentage discount applicable | 0 | n..5,2 |  |
| 6 | Code | Code for Settlement Terms | 0 | an..10 |  |

**Invoice/Credit/Debit Notes**

0..9999 per document

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  |  |
| 2 | Notes component | See Notes Component for details | 1 |  |  |

**Credit Note References**

0..999 per credit / debit. Applicable for credits and debits only

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | 1 |
| 2 | Original Invoice No | Original Invoice Number | 0 | an..20 | 2 |
| 3 | Original Invoice Date | Original Date of Invoice | 0 | an..10 | 3 |
| 4 | Original Tax Point Date | Original Tax point date | 0 | an..10 | 4 |
| 5 | Cust Order | Purchase order number of the customer (aka buyer) | 0 | an..20 | 5 |
| 6 | Order Line No | Order line number | 0 | n..7 | 6 |
| 7..8 | Cust Order Date | Date order placed by customer  See [Date/Time component](#_Date/Time_component) for field descriptions | 0 |  | 7..8 |
| 9 | Supp Order | Purchase order reference of the supplier (aka vendor) | 0 | an..20 | 9 |
| 10..11 | Date Order Received | Date order received by supplier  See [Date/Time component](#_Date/Time_component) for field descriptions | 0 |  | 10..11 |
| 12 | Contract | Contract number to which this Credit Note Reference relates. | 0 | an..20 | 12 |
| 13 | Spec No | Specification number to which this Credit Note Reference relates. | 0 | an..20 | 13 |

# Invoice Line

1..9999. 1 per line within the document.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | INVLINE |
| 2 | LineNo | Line Number within the document. | 1 | n..7 |  |
| 3 | Cust Order | Purchase order number of the customer (aka buyer) | 1 | an..20 |  |
| 4 | Order Line No | Order line number | 0 | n..7 |  |
| 5..6 | *Cust Order Date* | Date order placed by customer. See [*Date/Time component*](#_Date/Time_component) for field descriptions | 1 |  |  |
| 7 | Supp Order | Purchase order reference of the supplier (aka vendor) | 0 | an..20 |  |
| 8..9 | *Date Order Received* | Date order received by supplier. See [*Date/Time component*](#_Date/Time_component) for field descriptions | 0 |  |  |
| 10..24 | Item Details | Customer and supplier item details. See [item component](#_Item_component) | 1 |  |  |
| 25..27 | UnitOfOrder | Unit of ordering information. See [*Unit of Ordering component*](#_Unit_of_Order) | 0 |  |  |
| 28..29 | OrderQuantity | Describes what quantities are being ordered, relative to the ordering units.  See [*Quantity component*](#_Quantity_component) for field descriptions | 0 |  |  |
| 30..31 | InvoiceQuantity | Describes what quantities are being invoiced, relative to the ordering units.  See [*Quantity component*](#_Quantity_component) for field descriptions | 1 |  |  |
| 32 | Manufacturers RS Price | Manufacturer's recommended selling price | 0 | n..19,7 |  |
| 33 | Marked Price | Price marked on unit | 0 | n..19,7 |  |
| 34 | Split Pack Price | Price for split pack items | 0 | n..19,7 |  |
| 35 | Retail Selling Price | Statutory Retail Selling Price (inc VAT).  Required for items such as drugs which must be sold at a regular price. | 0 | n..19,7 |  |
| 36 | Contract | Contract number to which this invoice line relates. | 0 | an..20 |  |
| 37 | Spec No | Specification number to which this invoice line relates. | 0 | an..20 |  |
| 38 | Supply Group | Group code associated with the fulfilment of the order. This may be used to reference a haulier. | 0 | an..10 |  |
| 39 | Del Ref | Delivery Reference / Return Ref for CREDITS | 0 | an..20 |  |
| 40 | Original Invoice No | Original Invoice Number. For credit / debit lines only. | 0 | an..20 |  |
| 41 | Original Invoice Date | Original Date of Invoice. For credit / debit lines only. | 0 | an..10 | Formatted as CCYY-MM-DD |
| 42 | Original Tax Point Date | Original Tax point date. For credit / debit lines only. | 0 | an..10 | Formatted as CCYY-MM-DD |
| 43 | Credit Reason Code | Trading partner's own reason code. For credit / debit lines only. | 0 | an..10 |  |
| 44 | Credit Reason Text | Text description for credit reason. For credit / debit lines only. | 0 | an..80 | Initiator/Terminator = “ |

**Ordering Branch Address Details**

States the name and address of the ordering entity. Optional line override. 0..1 per line

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | ORDBADDR |
| 2..29 | Address component | See [Address Component](#_Address_component) for details |  |  |  |

**Invoice Line Costs**

1 per line. Mandatory

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | INVLINECOST |
| 2..3 | Pricing Measure | Describes the mechanism for pricing the invoice line  See the [*Pricing Measure component*](#_Pricing_Measure_component) for field descriptions | 0 |  |  |
| 4 | Cost Price | Invoice :Cost price, before deducting line discounts, etc (excluding VAT) per pricing measure  Credits / debits: unit credit value before discount | 1 | n..19,7 |  |
| 5 | Net Cost Incl Discount | Invoices: Net cost, including any line discounts, etc (excluding VAT) per pricing measure Credits / debits: Unit credit value before VAT | 1 | n..19,7 |  |
| 6 | Pricing Measure Qty | Number of pricing measure units being invoiced on this line | 0 | n..19,3 |  |
| 7 | Line Amount | Invoices: Net cost of invoice line, including any line discounts, charges and subsidy (but excluding VAT) of the invoiced line quantity.  Credits / debits: Nett credit value (before VAT) | 1 | n..19,7 |  |
| 8 | VAT Code |  | 1 | an..10 |  |
| 9 | VAT Percentage |  | 1 | n..6,3 |  |
| 10 | Duty Code | Determines whether tax is applied. | 0 | an..20 | STD, EXPORT, ZERO |
| 11 | VAT Amount | VAT amount payable for this invoice line. | 0 | n..19,7 |  |
| 12 | VAT in GBP | VAT amount payable for this invoice line (in Sterling). This is only expected to be used by Foreign Currency suppliers who have a valid GB VAT registration no. | 0 | n..19,7 |  |
| 13 | Discount Amount Value | Summary of all discounts applied to this Invoice line. Value here will be the result of all additional discounts defined in Complex Adjustments.  Note: This is nothing to do with settlement discounts. | 0 | n..19,7 |  |
| 14 | Discount Amount Percentage | Summary of all discounts applied to this Invoice line. Value here will be the result of all additional discounts defined in Complex Adjustments.  Note: This is nothing to do with settlement discounts. | 0 | n..6,3 |  |
| 15 | Line Total | Total payable on this line including discounts and VAT. | 1 | n..19,7 |  |
| 16 | Subsidy | Subsidy for this line | 0 | n..19,7 |  |
| 17 | Credit Line Indicator | Credit / Debit Line Indicator. | 0 | an..10 | HANDLING, RETURNS |
| 18 | Special Price Ind | Special price indicator. | 0 | an..10 | EXPORT, FREE,  PROMOTION |
| 19 | Cash Settlement Disc Id | Cash Settlement discount identifier. Y=Item line eligible. N=Not eligible. | 0 | an..1 |  |
| 20 | VAT Type of Supply | Code as defined by HM Customs and Excise. Mandatory unless code is A(ordinary sale), in which case this element is omitted. | 0 | an..20 |  |
| 21 | Mixed Rate Ind | Mixed Rate Indicator.  Shows how VAT rates, mixed or otherwise, relate to the parent Invoice Line.  Blanks = Not Mixed (one rate of VAT).  '0' = Header. (First line is the summary of the VAT components that follow).  '1-9' = component rates to build the Header rate above | 0 | an..1 |  |

**Complex Adjustment**

0..9999 per line cost.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | CMPLXADJ |
| 2 | Discount or Charge | Discount or Charge indicator. | 1 | an..10 | DISCOUNT, CHARGE |
| 3 | Type |  | 1 | an..10 | SPECIAL, BASIC  QUANTITY, VALUE |
| 4 | Accumulation Rules | Accumulation Rules. | 0 | an..10 | GROSS, NETT |
| 5 | Percentage | Actual Adjustment Percentage | 0 | n..5,2 |  |
| 6 | Amount | Actual Adjustment Amount | 0 | n..19,3 |  |

**Delivery**

0..1 per line. Optional delivery information.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | INVLDEL |
| 2 | *Del Note No* | Delivery Note number | 0 | an..20 |  |
| 3..4 | *Del Note Date* | Delivery Note Date  See [*Date/Time component*](#_Date/Time_component) for field descriptions | 0 |  |  |
| 5 | *Del Method* | Delivery Method | 0 | an..20 | BRANCH\_COLLECTION, DELIVER\_TO\_BRANCH, DELIVER\_TO\_DEPOT, DIRECT\_DELIVERY,  CUSTOMER\_COLLECTION |
| 6 | Pay Method | Payment method | 0 | an..20 | CUSTOMER\_PAYS, SUPPLIER\_PAYS, 3RD\_PARTY\_PAYS, NO\_CHARGE |
| 7..8 | Actual Despatch | Actual despatch date/time. See [*Date/Time component*](#_Date/Time_component) for field descriptions | 0 |  |  |
| 9..10 | Actual Delivery | Actual delivery date/time. See [*Date/Time component*](#_Date/Time_component) for field descriptions | 0 |  |  |
| 11..12 | Despatch Qty | Quantity despatched (shipped). See [*Quantity component*](#_Quantity_component) for field descriptions | 0 |  |  |
| 13..14 | Received Qty | Quantity received by customer. See [*Quantity component*](#_Quantity_component) for field descriptions | 0 |  |  |
| 15..16 | Rejected Qty | Quantity rejected by customer. See [*Quantity component*](#_Quantity_component) for field descriptions | 0 |  |  |
| 17 | Booking Ref | Booking-in reference supplied by the customer | 0 | an..20 |  |
| 18 | Proof Of Delivery Ref | Proof of delivery reference code. May be vehicle number | 0 | an..50 |  |
| 19 | AETC | Authorised Excess Transportation Cost (AETC) code. | 0 | an..20 |  |
| 20 | Del Units | Number of delivery units (cases, cartons, packages) transported | 0 | n..19,3 |  |

**Despatch-from Address Details**

0..1 per Delivery Full address of the despatch-from (ship-from) location.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | DSPFRADDR |
| 2..29 | Address component | See [*Address Component*](#_Address_component) for details |  |  |  |

**Deliver-to Address Details**

0..1 per Delivery. Full address of the customer deliver-to location.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | DVTOADDR |
| 2..29 | Address component | See [Address Component](#_Address_component) for details |  |  |  |

**Carrier Address Details**

0..1 per delivery. Full address of the carrier name/location.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | CARRADDR |
| 2..29 | Address component | See [Address Component](#_Address_component) for details |  |  |  |

**Secondary ship Location Address Details**

0..1 per delivery. Full address of the secondary ship name/location.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | SSLNADDR |
| 2..29 | Address component | See [Address Component](#_Address_component_1) for details |  |  |  |

**Invoice Line Notes**

0..9999 per line. General notes pertaining to the document line. Optional.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | NOTES |
| 2 | Notes component | See [Notes Component](#_Notes_component) for details | 1 |  |  |

**VAT Summary**

1..9999 per document.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | VATSUM |
| 2 | Number Of Lines | Number of invoice / credit note lines with this specific VAT Rate. | 1 | n..7,0 |  |
| 3 | Vat Code |  | 1 | an..10 |  |
| 4 | VAT Percentage |  | 1 | n..6,3 |  |
| 5 | Duty Code | Determines whether tax is applied. Choices are: STD, EXPORT, ZERO | 0 | an..20 |  |
| 6 | Line Amount | Total of Net Cost values invoice lines.  Amount = Unit Cost\*QTY (for each applicable line)  Value includes any line/order level discounts applied. Before VAT applied. | 1 | n..19,7 |  |
| 7 | Disc For Inv Qty | Value of discount for total quantity. | 0 | n..19,7 |  |
| 8 | Disc For Inv Value | Value of discount for total value. | 0 | n..19,7 |  |
| 9 | Surcharge | Freight charges, etc. | 0 | n..19,7 |  |
| 10 | Subsidy | Amount of line subsidy values. | 0 | n..19,7 |  |
| 11 | Ext Amount | Extended amount for the specified invoice lines. Before VAT applied.  = LineAmount - DiscForInvoiceQty - DiscForInvoiceValue + Surcharge - Subsidy | 1 | n..19,7 |  |
| 12 | S Discount Amount | Settlement discount amount. | 0 | n..19,7 |  |
| 13 | Ext Amount Incl S Disc | Extended amount for the specified invoices lines, after inclusion of settlement discounts. Before VAT applied.  = ExtAmount – DiscountAmount | 1 | n..19,7 |  |
| 14 | VAT Amount |  | 0 | n..19,7 |  |
| 15 | VAT in GBP | VAT amount payable for this invoice line (in Sterling). This is only expected to be used by Foreign Currency suppliers who have a valid GB VAT registration no. | 0 | n..19,7 |  |
| 16 | Ext Amount Incl VAT | Payable amount, before settlement discount, including VAT.  For the specified invoice lines. | 1 | n..19,7 |  |
| 17 | Ext Amount Incl S Disc and VAT | Payable amount, after settlement discount, including VAT. For the specified invoice lines. | 1 | N,,19,7 |  |

**Invoice Total**

1 per document.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | INVTOT |
| 2 | Line Amount | Total of Net Cost values invoice lines. Amount = Unit Cost\*QTY (for each applicable line)  Value includes any line/order level discounts applied. Before VAT applied. | 1 | n..19,7 |  |
| 3 | Disc For Inv Qty | Value of discount for total quantity. | 0 | n..19,7 |  |
| 4 | Disc For Inv Value | Value of discount for total value. | 0 | n..19,7 |  |
| 5 | Surcharge | Freight charges, etc. | 0 | n..19,7 |  |
| 6 | Subsidy | Amount of line subsidy values. | 0 | n..19,7 |  |
| 7 | Ext Amount | Extended amount for the specified invoice lines. Before VAT applied.  Value = LineAmount - DiscForInvoiceQty - DiscForInvoiceValue + Surcharge - Subsidy | 1 | n..19,7 |  |
| 8 | S Discount Amount | Settlement discount amount. | 0 | n..19,7 |  |
| 9 | Ext Amount Incl S Disc | Extended amount for the specified invoices lines, after inclusion of settlement discounts. Before VAT applied. Value = ExtAmount – DiscountAmount | 1 | n..19,7 |  |
| 10 | VAT Amount | VAT amount payable for specified invoice lines. | 0 | n..19,7 |  |
| 11 | VAT in GBP | VAT amount payable for this invoice line (in Sterling). This is only expected to be used by Foreign Currency suppliers who have a valid GB VAT registration no. | 0 | n..19,7 |  |
| 12 | Ext Amount Incl VAT | Payable amount, before settlement discount, including VAT for the specified lines. | 1 | n..19,7 |  |
| 13 | Ext Amount Incl S Disc and VAT | Payable amount, after settlement discount, including VAT for the specified lines. | 1 | n..19,7 |  |

**Invoice Trailer**

1 per Document

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | INVTLR |
| 2 | Total Lines | Total number of Lines per Invoice | 1 |  |  |

**Message Trailer**

1 per Message

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Format identifier |  | 1 |  | MSGTLR |
| 2 | Total Docs | Total number of Documents per message | 1 |  |  |

**Address component**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Code | Internal code for location | 0 | an..50 |  |
| 2 | AltCode | Id used by the alternative trading partner for this location | 0 | an..50 |  |
| 3 | Ean13 | 13 digit EAN code | 0 | an..13 |  |
| 4 | Duns9 | 9 digit DUNS code | 0 | an..9 |  |
| 5 | Name |  | 0 | an..40 | Initiator/Terminator = “ |
| 6 | Address | Up to five address lines are available. | 0..5 | an..40 | Initiator/Terminator = “ |
| 11 | PostCode |  | 0 | an..10 |  |
| 12 | Country |  | 0 | An..20 |  |
| 13 | VAT Num |  | 0 | an..20 |  |
| 14 | VAT Alpha |  | 0 | an..20 |  |
| 15..21 | Contact 1 | Name / Contact details of principal contact. See [*Contact* component](#_Contact_component). | 0 |  |  |
| 22..28 | Contact 2 | Name / Contact details of secondary contact. See [*Contact* component](#_Contact_component). | 0 |  |  |

**Contact component**

Name and contact details.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Name |  | 0 | an..40 | Initiator/Terminator = “ |
| 2 | Phone | Landline phone number | 0 | an..20 | Initiator/Terminator = “ |
| 3 | Mobile |  | 0 | an..20 | Initiator/Terminator = “ |
| 4 | Email |  | 0 | an..256 | Initiator/Terminator = “ |
| 5 | Fax |  | 0 | an..20 | Initiator/Terminator = “ |
| 6 | JobTitle |  | 0 | an..30 | Initiator/Terminator = “ |
| 7 | FriendlyName |  | 0 | an..40 | Initiator/Terminator = “ |

**Currency component**

Currency component. Comprises an invoice currency, payment currency, exchange rates.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | InvCurr | Invoice currency | 1 | an..20 |  |
| 2 | PayCurr | Alternative payment currency | 0 | an..20 |  |
| 3 | ExchRate | Exchange rate between base and alternate currency codes | 0 | n..30,9 |  |
| 4..5 | ExchRateDate | Date/Time ExchRate value taken. See [Date/Time component](#_Date/Time_component). | 0 |  |  |
| 6 | ExchangeId | ID code of currency Exchange centre. E.G. IMF=International Monetary Fund. | 0 | an..20 |  |

**Date/Time component**

User defined fields.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Date |  | 0 | an..10 | Formatted as CCYY-MM-DD |
| 2 | Time | Always use the 24 hour clock | 0 | an..14 | Formatted as HH24:MM:SS+/-ZZ:ZZ |

**Item component**

Item component. Details the customer and supplier item information, with codes and descriptions.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | OwnBrandEAN | Can be used for 'own label' items. Can be an EAN code (13A), or an internal code | 0 | an..13 |  |
| 2 | CustItemCode | Customer's internal reference (non EAN) identifying the traded unit | 0 | an..40 |  |
| 3 | SKU | SKU Code. This is a reference field that will usually match the customer item code (CustItem/Code). It will only be different if the customer has two different codes in operation. | 0 | an..40 |  |
| 4 | SuppItemCode | Supplier's internal reference (non-EAN) identifying the traded unit | 0 | an..40 |  |
| 5 | EAN13 | 13 digit EAN code | 0 | an..13 |  |
| 6 | EAN8 | 8 digit EAN code | 0 | an..8 |  |
| 7 | UPC12 | 12 digit Universal Product Code | 0 | an..12 |  |
| 8 | DUN14 | 14 digit DUN code | 0 | an..14 |  |
| 9 | ISBN | ISBN (for book trade only) | 0 | an..20 |  |
| 10 | ManuCode | Original manufacturers code | 0 | an..20 |  |
| 11 | TUC14 | Traded Unit Code. 14 digits. | 0 | an..14 |  |
| 12 | SuppDesc | Supplier's item Description line 1 | 0 | an..100 | Initiator/Terminator = “ |
| 13 | RetailEAN | EAN Number for the consumer item. EAN number allocated to the retail (POS) unit. | 0 | an..13 |  |
| 14 | CustDesc | Customer Item description | 0 | an..100 | Initiator/Terminator = “ |
| 15 | EngLvl | Engineering level | 0 | an..20 |  |

**Quantity component**

Quantity component. The units and measure pair enable a quantity of traded units OR a weight/volume measure to be described.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Unit | No of units. If UOM is blank or 'EA' then this indicates traded units, otherwise it represents units of volume, weight, etc. | 1 | n..19,3 |  |
| 2 | UOM | Unit of measure associated with the quantity. Ie EA, KG | 0 | an.20 |  |

**Notes component**

Notes component. Enables 5 lines of narrative to be supplied, along with specific coded text.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Seq | Counter for the notes | 0 | n..7 |  |
| 2 | Code Table | Code list - agreed between sender and receiver | 0 | an..10 |  |
| 3 | Code Value | Code Value | 0 | an..20 |  |
| 4 | NarrRefNo | A reference number that provides a unique reference to the narrative below. | 0 | an..40 |  |
| 5..9 | Narrative | Up to 5 lines of narrative | 0..5 | an..40 | Initiator/Terminator = “ |
| 10 | RegCode1 | Code agreed between parties | 0 | an..10 |  |
| 11 | RegText1 | Text associated with the code | 0 | an..40 | Initiator/Terminator = “ |
| 12 | RegCode2 | Code agreed between parties | 0 | an..10 |  |
| 13 | RegText2 | Text associated with the code | 0 | an..40 | Initiator/Terminator = “ |
| 14 | RegCode3 | Code agreed between parties | 0 | an..10 |  |
| 15 | RegText3 | Text associated with the code | 0 | an..40 | Initiator/Terminator = “ |
| 16 | RegCode4 | Code agreed between parties | 0 | an..10 |  |
| 17 | RegText4 | Text associated with the code | 0 | an..40 | Initiator/Terminator = “ |
| 18 | RegCode5 | Code agreed between parties | 0 | an..10 |  |
| 19 | RegText5 | Text associated with the code | 0 | an..40 | Initiator/Terminator = “ |

**Price component**

Price component. Comprises the tax code, percentage, and duty code.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Price | Price per traded unit, or optional measure indicator (below) | 0 | n..19,7 |  |
| 2 | Measure | Pricing unit of measure. Can be blank, 1 or EA to indicate price per unit. Can be a number to indicate price per number of units. Can be a measure name, ie TONNE, KG to indicate price per weight/volume, size. If not supplied, defaults to EA | 0 | an..20 |  |
| 3 | MeasureQty | Used in conjunction with the measure code to determine the number of measure units being priced. | 0 | n..19,3 |  |

**Pricing Measure component**

Pricing measure component. Describes the mechanism for pricing the line.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Measure | Pricing unit of measure. Can be blank, 1 or EA to indicate price per unit. Can be a number to indicate price per number of units. Can be a measure name, ie TONNE, KG to indicate price per weight/volume, size. Defaults to EA to signify per unit. | 0 | an..20 |  |
| 2 | MeasureQty | Used in conjunction with the measure code to determine the number of measure units being priced. For example, a measure of 'KG' and a measureQty of 30 means the price is per 30Kg. Defaults to 1. | 0 | n..19,3 |  |

**Tax component**

Tax component. Comprises the tax code, percentage, and duty code.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Code | Tax code | 1 | an..10 |  |
| 2 | Percent | Tax percentage | 1 | n..5,2 |  |
| 3 | DutyCode | Determines wheter tax is applied. Choices are: STD, EXPORT, ZERO | 1 | an..20 |  |
| 4 | Taxable | Taxable amount. This is the value that is subject to tax. | 0 | n..19,3 |  |
| 5 | Payable | Tax amount payable in the invoicing currency | 0 | n..19,3 |  |

**Unit of Order component**

Unit of Order component. Describes what units are being ordered. For example, the quantity ordered may be 100, but this is 100 x 24 cans.   
The 24 cans would be described within this component.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Seq** | **Field** | **Narrative** | **Min Occurs** | **Max Size** | **Value** |
| 1 | Unit | No of consumer units. This is effectively the pack or box quantity | 0 | n..19,3 |  |
| 2 | OrderMeasure | This is the size of each consumer unit in terms of weight, size or volume. A customer may order a pack containing 12 330ml cans. In this case unit will be 12, ordermeasure will be 330, and uom will be ML | 0 | n..19,3 |  |
| 3 | UOM | Unit of measure associated with the ordering measure. Ie EA, KG | 0 | an..20 |  |

**True Commerce Implementer Notes:**

For use with map thread: TRUECOMMERCE.I.IV.TCCSV.R1 and TRUECOMMERCE.O.IV.TCCSV.R1