



Book Industry Communication

e4books Web Services Standards Retrieve Financial Document

Version 1.0, 28 May 2010

This document specifies in human-readable form the e4books web services Retrieve Financial Document Request and Response formats.

Two separate formats are specified for Requests:

- an HTTP query format for use with implementations that use the basic HTTP protocol and HTTP GET method – sometimes referred to as the REST approach
- an XML format for use with both implementations that use either SOAP or the basic HTTP protocol and HTTP POST method.

The same Response format will apply to both basic HTTP and SOAP exchanges.

The complete specification of the Retrieve Financial Document Request/Response web service includes two machine-readable resources that are to be used by implementers in conjunction with this document:

- a WSDL Definition for the SOAP protocol version of the web service
- an XML Schema for Requests and Response payloads in XML format.

It is strongly recommended that SOAP client implementations of this web service be constructed using the BIC WSDL Definitions as a starting point, as this will promote interoperability between SOAP client and server implementations. In some development environments it may be easier to implement a SOAP server without using the BIC WSDL Definitions, but in this case care must be taken to ensure that the WSDL Definitions that describe the actual implementation is functionally equivalent to the BIC WSDL Definitions.

Business requirements

Where a suitable trading partner agreement exists, there is a need for a buyer to be able to retrieve financial documents as digital documents from a supplier, either directly or through an aggregation service. There is a need to be able to retrieve both original documents and, where documents are missing or are altered outside the system, copies of originals.

This web service can be used in association with the BIC Retrieve Financial Document List web service, which would be used to retrieve a list of reference numbers for financial documents that meet a given set of criteria. This Retrieve Financial Document web service can then be used to retrieve the individual documents by number. Implementers should also consider the BIC Post Financial Document web service, which may be a more appropriate means of transferring financial documents from a distributor or wholesaler to an aggregation service in real-time.

Financial documents may only be retrieved in real-time in XML format. The XML format for invoices is closely based upon the EDItX trade invoice format developed by EDItEUR.

NOTE – This draft does not provide format details for retrieval of credit notes in XML format. An EDItX credit note format is still under development.

Financial documents may be requested in PDF format, in which case the response will include a URI from which the PDF file can be retrieved.

RETRIEVE FINANCIAL DOCUMENT – REQUEST

Requests using the HTTP protocol and the HTTP GET method

Requests using the HTTP protocol and the HTTP GET method should include a query string containing parameters as specified below.

	Parameter description	M ¹	Name
1	A unique identifier for the sender of the Request. An alphanumeric string not containing spaces or punctuation. The form of the identifier used must be agreed between the parties to an exchange.	M	ClientID
2	An encrypted password to further authenticate the sender of the request	M	ClientPassword
3	Identification number of this request	D	RequestNumber
4	A code value from a BIC-controlled codelist for the scheme used for the customer account identifier (see ONIX codelist 44). Mandatory in all financial document requests. Permitted values are: 02 Proprietary 06 EAN-UCC GLN 07 SAN 11 PubEasy PIN	M	AccountIDType
5	Account identifier for this request, using the specified scheme. Mandatory in all financial document requests. All retrieved documents must relate to this account.	M	AccountIDValue
6	A date/time reference for this request. Permitted formats are: YYYYMMDD YYYYMMDDTHHMM YYYYMMDDTHHMMZ (universal time) YYYYMMDDTHHMM±HHMM (time zone) where "T" represents itself, ie letter T	D	IssueDateTime
7	If and only if this parameter is supported by the web service implementation, a third party supplier may be specified where the web service host is not the invoicing supplier, in which case this parameter and the next must be included. This parameter contains a code value from a BIC-controlled codelist for the type of identifier of the supplier - see ONIX codelist 92. Permitted values are: 06 EAN-UCC GLN 07 SAN	D	SupplierIDType
8	A unique supplier identifier of the specified type	D	SupplierIDValue
9	Document type. Permitted values are: 01 Invoice 02 Credit note	M	DocumentType
10	Reference number or string for the requested document	M	DocumentNumber
11	Document format. Permitted values are: 01 XML 02 PDF	M	DocumentFormat

A valid request must contain a reference number for the requested invoice.

Example of a Request using the HTTP protocol and the HTTP GET method:

[http://www.booksupplier.co.uk/FinancialDocumentRetrievalService?ClientID=12345
&ClientPassword=x9a44Ysj&DocumentType=01&DocumentNumber=0987654&DocumentFormat=01](http://www.booksupplier.co.uk/FinancialDocumentRetrievalService?ClientID=12345&ClientPassword=x9a44Ysj&DocumentType=01&DocumentNumber=0987654&DocumentFormat=01)

¹ In the column headed "M", "M" means mandatory, and "D" means dependent.

Requests using SOAP or non-SOAP protocols and using the HTTP POST method

Requests using the HTTP POST method should include a request document as the body of a request message. Multiple invoices may be specified using this method.

Request document name and version

	Financial document request Version 1.0		<FinancialDocumentRequest version="1.0">	
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Header

	Request header	M	Header.	
1	A unique identifier for the sender of the request. An alphanumeric string not containing spaces or punctuation	M	ClientID	
2	An encrypted password to further authenticate the sender of the request	M	ClientPassword	
3	Account identifier. Mandatory in all financial document requests. A code value from a BIC-controlled codelist for the scheme used for the account identifier (see ONIX codelist 44). Permitted schemes are: 02 Proprietary 06 EAN-UCC GLN 07 SAN 11 PubEasy PIN Account identifier for this request, using the specified scheme	M M M	AccountIdentifier. AccountIDType IDValue	
4	Identification number / string of this request	D	RequestNumber	
5	Document date/time: the date/time when the request was generated. Permitted formats are: YYYYMMDD YYYYMMDDTHHMM YYYYMMDDTHHMMZ (universal time) YYYYMMDDTHHMM±HHMM (time zone) where "T" represents itself, ie letter T	D	IssueDateTime	
6	Supplier to whom this whole request should be forwarded, if it is not addressed to the web service host (use only for requests sent to aggregators, and only at the header level if the request relates to a single supplier). Supplier ID type - see ONIX codelist 92 ID type name, only if ID type = proprietary Identifier	D M D M	SupplierIdentifier. SupplierIDType IDTypeName IDValue	
7	Document format. Permitted values are: 01 XML 02 PDF	M	DocumentFormat	

Request detail

	Item detail	D	ItemDetail.	R
1	Invoice request line number	M	LineNumber	
2	Supplier to whom the request for this specific item should be forwarded, if it is not addressed to the web service host (use only for requests sent to aggregators, and only at the item detail level if the request concerns multiple suppliers). Supplier ID type - see ONIX codelist 92 ID type name, only if ID type = proprietary Identifier	D M D M	SupplierIdentifier. SupplierIDType IDTypeName IDValue	
3	Document type. Permitted values are: 01 Invoice 02 Credit note	M	DocumentType	
4	Document number. A document number must be included in each response line, matching the corresponding post request line.	M	DocumentNumber	

Example of a Retrieve Financial Document Request XML payload using either the SOAP or the HTTP protocol and the HTTP POST method:

```
<FinancialDocumentRequest version="1.0"
  xmlns="http://www.bic.org.uk/webservices">
  <Header>
    <ClientID>12345</ClientID>
    <ClientPassword>x9a44Ysj</ClientPassword>
    <AccountIdentifier>
      <AccountIDType>01</AccountIDType>
      <IDValue>12345</IDValue>
    </AccountIdentifier>
    <RequestNumber>001</RequestNumber>
    <IssueDateTime>20060418T1525</IssueDateTime>
    <DocumentFormat>01</DocumentFormat>
  </Header>
  <ItemDetail>
    <LineNumber>1</LineNumber>
    <DocumentType>01</DocumentType>
    <DocumentNumber>0987654</DocumentNumber>
  </ItemDetail>
</FinancialDocumentRequest>
```

RETRIEVE FINANCIAL DOCUMENT – RESPONSE

The Response will use the protocol corresponding to the Request. If the Request uses the basic HTTP protocol, the Response will be an XML document as specified below attached to a normal HTTP header. If the Request uses the SOAP protocol, the Response will contain a SOAP response message whose body will contain the XML document specified below.

Response document name and version

Financial document response Version 1.0	<FinancialDocumentResponse version="1.0">
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Header

	Response payload header	M	Header.
1	Document date/time: the date/time when the report was generated. Permitted formats are: YYYYMMDD YYYYMMDDTHHMM YYYYMMDDTHHMMZ (universal time) YYYYMMDDTHHMM±HHMM (time zone) where "T" represents itself, ie letter T	M	IssueDateTime
2	Sender (web service host) Sender ID type - see ONIX codelist 92 ID type name, only if ID type = proprietary Identifier	M M D M	SenderIdentifier. SenderIDType IDTypeName IDValue
3	Identification number / string of this response	D	ResponseNumber
4	Account identifier. Mandatory in all responses. A code value from a BIC-controlled codelist for the scheme used for the account identifier (see ONIX codelist 44). Must be specified if an account identifier is specified. Permitted schemes are: 02 Proprietary 06 EAN-UCC GLN 07 SAN 11 PubEasy PIN Account identifier for this request, using the specified scheme	M M M	AccountIdentifier. AccountIDType IDValue
5	References: request number and/or date/time of request must be quoted if included in the request. Reference type 01 Number of associated invoice request Reference number / string Reference date or date and time. Mandatory if an IssueDateTime is included in the request.	D M M D	ReferenceCoded ReferenceTypeCode ReferenceNumber ReferenceDateTime
6	Supplier identifier (only included if specified in the request header) Supplier ID type - see ONIX codelist 92 ID type name, only if ID type = proprietary Identifier	D M D M	SupplierIdentifier. SupplierIDType IDTypeName IDValue

Response header (continued)

	Element	M	Header.	
7	Response code, if there are exception conditions. Response type code. Suggested code values: 01 Service unavailable 02 Invalid ClientID or ClientPassword 03 Server unable to process request 08 Unable to supply document in requested format 16 Invalid or unknown account or supplier identifier 19 Server unable to process request – unable to contact supplier Free text description	D M D	ResponseCoded. ResponseType ResponseTypeDescription	R

Response detail

	Details of each financial document that has been requested. Mandatory unless the header reports a condition that prevents any response	D	ItemDetail.	R
1	Response item line number	D	LineNumber	
2	Request reference - request line number and reference date/time must be quoted if included in the request at the item detail level. Reference type code 02 Invoice request line number Reference number / string Reference date or date and time	D M M D	ReferenceCoded ReferenceTypeCode ReferenceNumber ReferenceDateTime	
3	Supplier to whom the request for this specific item has been forwarded, if it is not addressed to the web service host. Supplier ID type - see ONIX codelist 92 ID type name, only if ID type = proprietary Identifier	D M D M	SupplierIdentifier. SupplierIDType IDtypeName IDValue	
3	Document type. Permitted values are: 01 Invoice 02 Credit note	M	DocumentType	
4	Document number	M	DocumentNumber	
5	Response code, if there are exception conditions. Response type code. Suggested code values: 11 Invalid or unknown document number 16 Invalid or unknown account or supplier identifier 19 Server unable to process request – unable to contact supplier Free text description	D M D	ResponseCoded. ResponseType ResponseTypeDescription	R
6	Settlement status of the invoice or credit note. Permitted code values are: 01 Not yet fully settled 02 Fully settled	M	SettlementStatus	
7	Settlement due date – YYYYMMDD	D	SettlementDueDate	
8	Gross value of invoice or credit note. If the document is a credit note, the value must be negative.	D	GrossValue	

Response detail (continued)

	Element NOTE – Unless the response code indicates an exception condition, every Item detail must contain just one of the following: a document of the specified type in XML format; the URI of a document of the specified type in PDF format.	D	ItemDetail.	R
9	Net value of invoice or credit note. If the document is a credit note, the value must be negative.	D	NetValue	
10	Currency of value(s) if not the default currency.	D	CurrencyCode	
11	Document in XML format. Each item detail must contain either an XML document or the URI from which the document may be retrieved in PDF format. This element must contain either an <Invoice> element or a <CreditNote> element, as specified in this document.	D	XMLDocument	
12	URI of document in PDF format	D	PDFDocumentURI	

INVOICE DETAIL

Version 1.2 of the EDItX Trade Invoice format is intended to be used by a publisher or publisher's distributor to send invoices to a wholesaler or retailer, or by a wholesaler to send invoices to a retailer, where delivery is made in bulk to a trade warehouse or retail store, or direct to a consumer on the retailer's behalf ("CDF" or consumer direct fulfilment).

This draft only covers invoices by shipment. For this type of invoice, the assumptions are that (a) one invoice will always correspond to one shipment, while one shipment may correspond to one order, or may include items from several different orders, and (b) there may be additional charges or allowances related to a line item, or to an order, or to the whole shipment covered by the invoice.

The format supports two alternative broad structures:

1. *Shipment consisting of line items from any number of orders*

The structure for this form of invoice is as follows:

```

<Header>
<ItemDetail>                                (repeatable)
  <AdditionalCharge>                          (repeatable)
  <AdditionalAllowance>                       (repeatable)
<InvoiceAdditionalCharge>                   (repeatable)
<InvoiceAdditionalAllowance>                (repeatable)
<Summary>

```

In this case, each line item carries its own order reference, and it is not possible to show whole-order-related charges or allowances.

1. *Shipment consisting of one or more whole orders*

The structure for this second form of invoice is as follows:

```

<Header>
<OrderDetail>                               (repeatable)
  <OrderAdditionalCharge>                    (repeatable)
  <OrderAdditionalAllowance>                 (repeatable)
  <ItemDetail>                               (repeatable)
    <AdditionalCharge>                       (repeatable)
    <AdditionalAllowance>                    (repeatable)
<InvoiceAdditionalCharge>                   (repeatable)
<InvoiceAdditionalAllowance>                (repeatable)
<Summary>

```

In this case, the order reference is given at OrderDetail level, and whole-order-related charges and allowances can be carried, as well as item-related and whole-invoice-related.

Document name and version

Invoice Version 1.2	<Invoice version="1.2">
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Invoice Header

	Element	M ²	Invoice.Header.	
1	Invoice number	M	InvoiceNumber	
2	Document date/time: the date/time when the report was generated. Permitted formats are: YYYYMMDD YYYYMMDDTHHMM YYYYMMDDTHHMMZ (universal time) YYYYMMDDTHHMM±HHMM (time zone) where "T" represents itself, ie letter T	M	IssueDateTime	
3	Document type Invoice (recognised as original for accounting and tax purposes) Copy invoice (for electronic processing only); the original (paper) invoice remains authoritative	D	DocumentType <i>Invoice</i> <i>CopyInvoice</i>	
3	Document references (repeatable) Reference type Bill of Lading reference Buyer's order reference (when the whole invoice refers to a single order) Carrier's proprietary tracking reference Ship notice / despatch advice reference SSCC-18 standard package number Reference Reference date YYYYMMDD	D M D D	ReferenceCoded. ReferenceTypeCode ³ <i>BOLReference</i> <i>BuyersOrderReference</i> <i>CarrierTrackingReference</i> <i>ASNReference</i> <i>SSCC-18</i> ReferenceNumber ReferenceDate	R
4	Document function New document sent for the first time Copy of a document previously sent Document sent for test purposes only	M	PurposeCode <i>Original</i> <i>Duplicate</i> <i>Test</i>	
5	Invoice currency Values: ISO 4217 currency codes	D	CurrencyCode	
6	Country code: ISO 3166-1 country code. If the currency is legal tender in more than one country, used to indicate the price details are specific to that country	D	CountryCode	
7	Invoice dates (repeatable) Date YYYYMMDD Date qualifier code Meter date (the date when a CDF shipment was weighed and metered) Tax point date (required in VAT invoices even when the same as the Invoice Date)	D M M	DateCoded. Date DateQualifierCode <i>MeterDate</i> <i>TaxPointDate</i>	R
8	Buyer Party (bill and ship to, unless otherwise stated) Main identifier (<i>SAN, GLN, VKNR, NBSN</i>) Additional identifiers. As above list plus: <i>BAGNR, TaxRegistrationNumber, VATRegistrationNumber</i> Party name Address Communication details (phone, fax etc) Contacts Country where located. Must be specified when needed for tax purposes.	M M D D D D D D	BuyerParty. PartyID AdditionalPartyID PartyName PostalAddress CommunicationDetails ContactPerson CountryCode	

² In the column headed "M", "M" means mandatory and "D" means dependent.

³ Purchase order references do not appear in the header. They may be carried either at the start of the Detail element, or within each line item.

Invoice Header (continued)

	Element	M	Invoice.Header.	
9	Vendor / Supplier ⁴	M	SellerParty.	
10	Ship to / Deliver to ² (if different from buyer)	D	ShipToParty.	
11	Bill to / Invoice to ² (if different from buyer)	D	BillToParty.	
12	Shipping detail (the warehouse location from which the items have been or are being shipped)	D	ShippedFrom.	R
	Location must contain at least one location identifier or one location name or both.	M	Location	
	Location identifier	D	LocationIdentifier	
	Location name	D	LocationName	
13	Means of delivery	D	Delivery.	
	Requested delivery time (controlled list of standard values)	D	DeliveryTimeCode	
	Use specified vendor delivery service (values defined by vendor)	D	VendorDeliveryService	
	Send by specified carrier. Must include either a coded carrier name or a free-text carrier name or both.	D	Carrier.	
	Coded carrier name	D	CarrierNameCoded	
	Coding scheme type (EDI:EUR, Seller, Buyer, DE, GB, SE or US)	M	CarrierNameCodeType	
	Carrier name code	M	CarrierNameCode	
	Free text carrier name	D	CarrierName	
	Use specified carrier delivery service (values defined by carrier)	D	CarrierService	
	Free text delivery instruction		DeliveryNotes	
14	Terms: credit period	D	PaymentTerms.	
	Number of days from date of invoice; or	D	NetDaysDue	
	Due date YYYYMMDD, or	D	NetDueDate	
	Extension to default credit period	D	ExtendedDays	
15	Payment terms specified using a code	D	PaymentTermsCoded	
	Coding scheme (Seller, Buyer, AU, DE, GB, NO, SE or US)	M	PaymentTermsCodeType	
	Code value	M	PaymentTermsCode	
16	Settlement discount terms	D	SettlementDiscount	R
	Number of days from date of invoice	M	NumberOfDays	
	Discount percentage	M	DiscountPercentage	

⁴ All of elements 9, 10 and 11 have the same structure as 8.

Invoice Order detail (continued)

	Element	M	Invoice. OrderDetail.	R
4	Message included at order level (absence of this element means "no message included") (repeatable). The specified message is in all documents relating to the order. Message type: values 01 to 99 defined by trading partner agreement Message content (repeatable)	D M M	Message. MessageType MessageLine	R R
5	Line items (repeatable)	D	ItemDetail (see next page)	R

Invoice Line item detail

If an invoice contains items from different orders and there are no order-related charges, allowances or messages, the element OrderDetail layer may be omitted.

	Element	D	Invoice.ItemDetail. Invoice.OrderDetail.ItemDetail.	R
1	Line item number: a sequence number starting at 1 in each document.	M	LineNumber	
2	Product identifier (repeatable) Product ID type – values <i>ISBN (10-digit)</i> , <i>EAN13 (use also for ISBN-13)</i> , <i>UPC</i> , <i>ISMN</i> , <i>GTIN14</i> , <i>SKU</i> , <i>Seller</i> (use for a supplier-defined product ID), <i>Buyer</i> (use for a customer-defined product ID), <i>Proprietary</i> (use for a third-party proprietary scheme, which must be named in the element IDTypeName). Name of proprietary product ID scheme. Mandatory if the scheme is 'Proprietary'. Product number	M M D M	ProductID. ProductIDType IDTypeName Identifier	R
3	Item description (not usually sent in trade orders) Author/title etc as a single element	D M	ItemDescription. TitleDetail	
4	Item Related Party; used where the ordered item can only be fully identified with reference to some third party, e.g. an importer or bankrupt stock owner Related party role (code list to be defined) Main identifier (<i>SAN</i> , <i>EAN</i> , <i>VKNR</i> , <i>NBSN</i>) Additional identifiers, eg VAT number Party name Address Communication details (phone, fax etc) Contacts	M D M D D D D D	ItemRelatedParty. PartyRole PartyID AdditionalPartyID PartyName PostalAddress CommunicationDetails ContactPerson	R R R R
5	Quantity invoiced	M	InvoicedQuantity	
6	Line item references (repeatable) Reference type Buyer's order reference (when the invoice includes line items from different orders) Buyer's unique order line reference End customer order reference (if item is required by the buyer to meet a specific customer order) Buyer's reservation number Contract reference Promotion or deal reference Supplier's order reference (when the invoice includes line items from different orders) Seller's representative order reference Reference Reference date YYYYMMDD	D M D D D D D D D D	ReferenceCoded. ReferenceTypeCode <i>BuyersOrderReference</i> <i>BuyersOrderLineReference</i> <i>CustomerOrderReference</i> <i>BuyersReservationReference</i> <i>ContractReference</i> <i>PromotionOrDealReference</i> <i>SuppliersOrderReference</i> <i>RepOrderReference</i> ReferenceNumber ReferenceDate	R

Invoice Trailer

	Element	M	Invoice.Summary.	
1	Number of line items	M	NumberOfLines	
2	Sum of invoiced quantities – all lines	D	UnitsInvoiced	
3	Invoice total excluding tax (in countries where tax must be accounted for)	D	TotalExcludingTax	
4	Invoice total tax (in countries where tax must be accounted for)	D	TotalTax	
5	Invoice total payable	M	TotalPayable	
4	Invoice tax summary (repeatable for each tax type and rate occurring in the invoice, in countries where tax must be accounted for)	D	Tax.	R
	Tax type	M	TaxTypeCode	
	Tax rate code	D	TaxRateCode	
	Tax rate percent	D	Percent	
	Total amount taxable at this rate	M	AmountTaxable	
	Total amount of tax at this rate	M	TaxAmount	

Example of a Retrieve Invoice List Response XML payload using either the SOAP or the HTTP protocol and the HTTP POST method:

```
<InvoiceResponse version="0.9"
xmlns="http://www.bic.org.uk/webservices">
  <IssueDateTime>20060418T1527</IssueDateTime>
  <SenderIdentifier>
    <SenderIDType>02</SenderIDType>
    <IDValue>XYZ</IDValue>
  </SenderIdentifier>
  <AccountIdentifier>
    <AccountIDType>01</AccountIDType>
    <IDValue>12345</IDValue>
  </AccountIdentifier>
  <ReferenceCoded>
    <ReferenceTypeCode>01</ReferenceTypeCode>
    <ReferenceNumber>001</ReferenceNumber>
  </ReferenceCoded>
  <ItemDetail>
    <LineNumber>1</LineNumber>
    <DocumentType>01</DocumentType>
    <DocumentNumber>0987654</DocumentNumber>
    <SettlementStatus>01</SettlementStatus>
    <SettlementDueDate>20060725</SettlementDueDate>
    <GrossValue>999.99</GrossValue>
    <NetValue>999.99</NetValue>
    <XMLDocument>
      <!-- XML INVOICE HERE -->
    </XMLDocument>
  </ItemDetail>
</InvoiceResponse>
```

CREDIT NOTE DETAIL

Version 1.0 of the EDItX Credit Note format is intended to be used by a publisher or publisher's distributor to send credit notes to a wholesaler or retailer, or by a wholesaler to send credit notes to a retailer, where delivery is made in bulk to a trade warehouse or retail store, or direct to a consumer on the retailer's behalf ("CDF" or consumer direct fulfilment).

Note that this format is not to be used for sending debit notes. A separate format for debit notes will be developed if required.

Document name and version

Credit Note Version 1.0	<CreditNote version="1.0">
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Header

	Element	M ⁵	CreditNote.Header.	
1	Credit note number	M	CreditNoteNumber	
2	Document date/time: the date/time when the report was generated. Permitted formats are: YYYYMMDD YYYYMMDDTHHMM YYYYMMDDTHHMMZ (universal time) YYYYMMDDTHHMM±HHMM (time zone) where "T" represents itself, ie letter T	M	IssueDateTime	
3	Document type Credit note (recognised as original for accounting and tax purposes) Copy credit note (for electronic processing only); the original (paper) invoice remains authoritative	D	DocumentType <i>CreditNote</i> <i>CopyCreditNote</i>	
3	Document references (repeatable) Reference type Invoice reference (when the whole credit note refers to a single invoice) Invoice tax point date Buyer's order reference (when the whole credit note refers to a single order) Seller's order reference (when the whole invoice refers to a single order) Ship notice / despatch advice reference Returns authorization reference Contract reference Promotion or deal reference Reference Reference date YYYYMMDD. A date or date-time may be included, but not both. Reference date-time YYYYMMDDTHHMMSS	D M D D D	ReferenceCoded. ReferenceTypeCode ⁶ <i>InvoiceReference</i> <i>InvoiceTaxPointDate</i> <i>BuyersOrderReference</i> <i>SellersOrderReference</i> <i>ASNReference</i> <i>ReturnsAuthorizationReference</i> <i>ContractReference</i> <i>PromotionOrDealReference</i> ReferenceNumber ReferenceDate ReferenceDateTime	R
4	Document function New document sent for the first time Copy of a document previously sent Document sent for test purposes only	M	PurposeCode <i>Original</i> <i>Duplicate</i> <i>Test</i>	
5	Invoice currency Values: ISO 4217 currency codes	D	CurrencyCode	
6	Country code: ISO 3166-1 country code. If the currency is legal tender in more than one country, used to indicate the price details are specific to that country	D	CountryCode	
7	Credit note dates (repeatable) Date YYYYMMDD Date qualifier code Tax point date (required in VAT credit notes even when the same as the Credit Note Date)	D M M	DateCoded. Date DateQualifierCode <i>TaxPointDate</i>	R

⁵ In the column headed "M", "M" means mandatory and "D" means dependent.

⁶ Purchase order references do not appear in the header. They may be carried either at the start of the Detail element, or within each line item.

Line item detail (continued)

	Element	D	CreditNote.ItemDetail.	R
7	Credit value details for each unit Unit credit amount after discounts, excluding tax Currency: ISO 4217 currency codes Country code: ISO 3166-1 country code. If the currency is legal tender in more than one country, used to indicate the price details are specific to that country Tax (in countries where tax must be accounted for; repeatable for mixed-rate items) Tax type – values <i>GST, VAT</i> Tax rate code Tax rate percent Taxable amount of line total (for mixed-rate items only) Tax amount	D M D D D M D D D D	CreditDetail. MonetaryAmount CurrencyCode CountryCode Tax. TaxTypeCode TaxRateCode Percent AmountTaxable TaxAmount	R
8	Additional charge made in association with this item, as invoiced previously, to be credited Charge type: Shipping charge Gift wrapping charge Other charge – see description Charge type description Charge reference (repeatable composite) Charge amount excluding tax (required only if tax must be accounted for) Tax on additional charge (in countries where tax must be accounted for) (non-repeating) Tax type – values <i>GST, VAT</i> Tax rate code Tax rate percent Tax amount Charge amount Currency: ISO 4217 currency codes Country code: ISO 3166-1 country code. If the currency is legal tender in more than one country, used to indicate the charge details are specific to that country	D M D D D D M D D D M D D	AdditionalCharge. ChargeTypeCode <i>Shipping</i> <i>GiftWrapping</i> <i>Other</i> ChargeTypeDescription ReferenceCoded ChargeAmountExcludingTax Tax. TaxTypeCode TaxRateCode Percent TaxAmount ChargeAmount CurrencyCode CountryCode	R

Line item detail (continued)

	Element	D	CreditNote.ItemDetail.	R
9	Allowance made in association with this item, as invoiced previously, to be deducted	D	AdditionalAllowance.	R
	Allowance type:	M	AllowanceTypeCode	
	Other allowance – see description		Other	
	Allowance type description	D	AllowanceTypeDescription	
	Allowance reference (repeatable composite)	D	ReferenceCoded	R
	Allowance amount excluding tax (required only if tax must be accounted for)	D	AllowanceAmountExcludingTax	
	Tax on additional allowance (in countries where tax must be accounted for) (non-repeating)	D	Tax.	
	Tax type – values <i>GST, VAT</i>	M	TaxTypeCode	
	Tax rate code	D	TaxRateCode	
	Tax rate percent	D	Percent	
	Tax amount	D	TaxAmount	
	Allowance amount	M	AllowanceAmount	
	Currency: ISO 4217 currency codes	D	CurrencyCode	
	Country code: ISO 3166-1 country code.	D	CountryCode	
	If the currency is legal tender in more than one country, used to indicate the charge details are specific to that country			
8	Reason for credit – see Table 1 for list of code values	M	CreditReason	
9	Total credit amount after discounts, excluding tax	D	LineTotalExcludingTax	
10	Message required at line item level (absence of this element means “no message required”) (repeatable). The specified message is to be included in all documents relating to the credit note line.	D	Message	R
	Message type: code string values defined by trading partner agreement	M	MessageType	
	Message content (repeatable)	M	MessageLine	R

Trailer

	Element	M	CreditNote.Summary.	R
1	Number of line items	M	NumberOfLines	
2	Sum of credited quantities – all lines	D	UnitsCredited	
3	Credit Note total excluding tax (in countries where tax must be accounted for)	D	TotalExcludingTax	
4	Credit Note total tax (in countries where tax must be accounted for)	D	TotalTax	
5	Credit Note total	M	TotalCredited	
4	Credit Note tax summary (repeatable for each tax type and rate occurring in the invoice, in countries where tax must be accounted for)	D	Tax.	R
	Tax type	M	TaxTypeCode	
	Tax rate code	D	TaxRateCode	
	Tax rate percent	D	Percent	
	Total amount taxable at this rate	D	AmountTaxable	
	Total amount of tax at this rate	D	TaxAmount	

Table 1: Reason for credit code values

The code values in this list are derived from the existing Tradacoms code list used in the UK.

Code value	Notes
<i>OrderDuplicatedByBuyer</i>	TRADACOMS ANA List 13 code 02
<i>OrderDuplicatedBySupplier</i>	02
<i>IncorrectISBNQuotedBySupplier</i>	03
<i>RepOrderError</i>	03
<i>SubstituteNotAccepted</i>	05
<i>DamagedInTransit</i>	08
<i>LostInTransit</i>	09
<i>DiscountAdjustment</i>	16
<i>PriceAdjustment</i>	17
<i>InspectionCopyRetainedFreeOfCharge</i>	27
<i>DiscountAppliedRetrospectively</i>	29
<i>PromotionalCouponsReturned</i>	30
<i>ReturnableContainers</i>	31
<i>ChargedInError</i>	33
<i>ShortDelivery</i>	38
<i>SuppliedInError</i>	39
<i>NotDelivered</i>	40
<i>OrderCancelledByBuyer</i>	42
<i>CreditForDeliveryCharge</i>	43
<i>CreditForImperfectCopies</i>	44
<i>RecalledByPublisher</i>	46
<i>OrderCanceledDueToCardPaymentCheck</i>	47
<i>StockUnavailable</i>	48
<i>AuthorizedReturn</i>	49