



Book Industry Communication

e4books Web Services Standards Returns Authorization Request and Response Post Returns Despatch Advice Request and Response

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This document specifies in human-readable form the e4books Returns web service: Returns Authorization Request / Response and Post Returns Despatch Advice Request / Response formats.

Two separate formats are specified both for Returns Authorization Request and for Returns Despatch Advice:

- 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 implementations that use either SOAP or the basic HTTP protocol and HTTP POST method.

For each of the two web services the same Response format will apply to both basic HTTP and SOAP exchanges.

The complete specification of the Returns web service includes four machine-readable resources that are to be used by implementers in conjunction with this document:

- two WSDL Definitions for the SOAP protocol versions of each format
- two XML Schemas for Requests and Response payloads in each 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.

These formats are closely based upon the EDItX Returns Authorization Request and Returns Response (version 1.0) formats developed by EDItEUR.

Business requirements

This pair of services will enable the use of web services to request authorization to return overstocks, faulty or incorrectly supplied products and raise claims for shortages or invoicing errors and to then confirm the despatch of authorized products being returned. This process mirrors that covered by the RETANN and RETINS EDIFACT messages, but with the usual web service gains of avoiding more complicated trading partner configuration and allowing for real time response where suppliers can support it. This allows non-conformance issues to be sent immediately during the goods receiving process. Even if suppliers are unable to send an immediate authorization in response to a request, the functional acknowledgement returned allows the customer piece of mind knowing that their request has been received.

RETURNS AUTHORIZATION REQUEST

When the supplier is unable to provide an immediate response to the returns request they should respond with code 23 in the ResponseCoded.ResponseType (or code 20 in the case of bureaus – see pages 7–8). When the customer wants to check to see if the authorisation is now ready they should send a request that contains no line details, but includes their, and if supplied in the original response, the supplier's returns references (ReferenceCoded.ReferenceTypeCode values 20 and 23). If the authorisation is still not ready the supplier should respond again with code 23 (or 20) otherwise they should return the full authorisation message.

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.

Lines 10–25 are to be omitted in follow-up requests.

¹	Parameter description	M ²	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 a customer account identifier. Permitted values are: 02 Proprietary 06 EAN-UCC GLN 07 SAN 11 PubEasy PIN	D	AccountIDType	
5	Account identifier for this request, using the specified scheme.	D	AccountIDValue	
6	A date/time reference for this request	D	IssueDateTime	
7	Currency in which the requester would prefer credit value to be specified	D	CurrencyCode	
8	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 supplier to whom the goods would be returned, 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	D	SupplierIDType	
9	A unique supplier identifier of the specified type	D	SupplierIDValue	
10	Refund of shipping costs. If this parameter is omitted, the default interpretation is that refund of shipping costs is <i>not</i> requested. 01 Refund requested	D	ShippingCostsRequested	
11	EAN-13 product number (mandatory unless trading partners have agreed to use an alternative product identifier)	D	EAN13	
12	A code value from a BIC-controlled codelist for the type of an alternative identifier of the product (see ONIX codelist 5).	D	ProductIDType	
13	An alternative product identifier of the specified type. Only one alternative type of identifier may be carried in a Request using the HTTP GET method.	D	ProductIDValue	

¹ The order of parameters in an HTTP GET Request is insignificant.

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

Requests using the HTTP protocol and the HTTP GET method (continued)

	Parameter description		Name	
14	Item description – title, author etc. in a single string	D	TitleDetail	
15	Quantity to be returned (mandatory unless the request is reporting a shortage or invoice error)	D	ReturnsQuantity	
16	Quantity short-shipped (mandatory if the request is reporting a shortage)	D	ShortageQuantity	
17	Quantity for which credit is claimed (where returned items were supplied on “batch bonus” terms: in this case both CreditQuantity and FreeQuantity must be sent, and their sum must equal the total ReturnsQuantity)	D	CreditQuantity	
18	Free quantity not qualifying for credit (where returned items were supplied on “batch bonus” terms)	D	FreeQuantity	
19	Invoiced quantity (mandatory if the request is reporting an invoice error)	D	InvoiceQuantity	
20	Reason code, BIC/EDItEUR standard list – see code list in Table 1. Mandatory in all requests other than follow-up requests.	D	ReturnsReasonCode	
21	Damage code C01 Carton damage resulting in damage to content C02 Carton intact, contents damaged	D	DamageCode	
22	Defect code D01 Binding errors: duplicated or missing pages D02 Bad trimming: pages torn or creased D03 Defective quality: out of register, uneven colour etc (may also apply to non-book products, and may be further explained in DamageOrDefectNote)	D	DefectCode	
23	Damage/defect note: free text explanation	D	DamageOrDefectNote	
24	Delivery note reference	D	ASNReference	
25	Invoice reference	D	InvoiceReference	
26	Supplier’s pre-authorization or recall reference (issued prior to this authorization request)	D	PreAuthorizationReference	
27	Supplier’s returns reference pending authorization. Mandatory if this is a follow-up request after an initial response of type 23 (authorization under consideration) and if the response included a suppliers returns reference (reference type 22).	D	SuppliersReturnsReference	
28	Buyer’s returns reference. Mandatory if this is a follow-up request after an initial response of type 23 (authorization under consideration) and if the response did not include a supplier’s returns reference (reference type 22), but did include a buyer’s returns reference (reference type 20).	D	BuyersReturnsReference	

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

<http://www.booksupplier.co.uk/ReturnsService?ClientID=12345&ClientPassword=x9a44Ysj&AccountIDType=02&AccountIDValue=12345&RequestNumber=1012345&IssueDateTime=20071120T152500&ProductIDType=03&ProductIDValue=9780123456789&ReturnsQuantity=5&ReturnsReasonCode=B00>

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.

Request document name and version

	Returns authorization request Version 0.9		<ReturnsRequest version="0.9">	
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Header

	Request header	M	Header.	3
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 for this request A code value from a BIC-controlled codelist for the scheme used for the account identifier. Mandatory if including an account identifier. Permitted values are: 02 Proprietary 06 EAN-UCC GLN 07 SAN 11 PubEasy PIN Account identifier for this request, using the specified scheme	D M M	AccountIdentifier. AccountIDType IDValue	
4	Identification number 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	Authorization request references. If included, must contain a reference number or a reference date or both. Reference type 20 Buyer's returns reference 21 Supplier's pre-authorization or recall reference (issued prior to this authorization request) 22 Supplier's returns reference pending authorization (issued previously in association with the same requested authorization) Reference Reference date YYYYMMDD	D M D D	ReferenceCoded. ReferenceTypeCode ReferenceNumber ReferenceDate	R
7	Supplier to whom this returns authorization request should be forwarded, if it is not addressed to the web service host (use only for requests sent to aggregators). Supplier ID type - see ONIX codelist 92 ID type name, only if ID type = proprietary Identifier	D M D M	SupplierIdentifier. SupplierIDType IDTypeName IDValue	
8	Currency in which the requester would prefer credit value to be specified.	D	CurrencyCode	
9	Refund of shipping costs. If this element is omitted, the default interpretation is that refund of shipping costs is not requested. 01 Refund requested	D	ShippingCostsRequested	

³ An 'R' in the right-most column means that the element is repeatable.

Request detail

	Item detail. Mandatory unless this is a follow-up request with reference to a previous response from the supplier with response type '20' or '23'.	D	ItemDetail.	R
1	Returns authorization request line number	M	LineNumber	
2	EAN-13 product number (mandatory unless trading partners have agreed to use an alternative product identifier)	D	EAN13	
3	Alternative product identifier Product ID type – use ONIX Code List 5 ID type name, only if ID type = '01' (proprietary) Product number	D M D M	ProductIdentifier. ProductIDType IDTypeName IDValue	R
4	Item description – title, author etc. in a single string	D	ItemDescription.TitleDetail	
5	Quantity to be returned (mandatory unless the line item is reporting a shortage or invoice error)	D	ReturnsQuantity	
6	Quantity short-shipped (mandatory if the request is reporting a shortage)	D	ShortageQuantity	
7	Quantity for which credit is claimed (where returned items were supplied on "batch bonus" terms: in this case both CreditQuantity and FreeQuantity must be sent, and their sum must equal the total ReturnsQuantity)	D	CreditQuantity	
8	Free quantity not qualifying for credit (where returned items were supplied on "batch bonus" terms)	D	FreeQuantity	
9	Invoiced quantity (mandatory if the request is reporting an invoice error)	D	InvoicedQuantity	
10	Quantity pack detail: only if the make-up of the total quantity must be specified as a mix of packs and loose items Quantity in packs of a specified size: repeatable if the total quantity includes packs of more than one size Pack Number of packs Number of loose items	D M M M D	QuantityPackDetail. Packs. PackQuantity NumberOfPacks LooseQuantity	R
11	Reason code, BIC/EDItEUR standard list – see code list in Table 1. Mandatory in every line item.	M	ReturnsReasonCode	
12	Damage code C01 Carton damage resulting in damage to content C02 Carton intact, contents damaged	D	DamageCode	
13	Defect code D01 Binding errors: duplicated or missing pages D02 Bad trimming: pages torn or creased D03 Defective quality: out of register, uneven colour etc (may also apply to non-book products, and may be further explained in DamageOrDefectNote)	D	DefectCode	
14	Damage/defect note: free text explanation	D	DamageOrDefectNote	
15	Expected unit price. Mandatory if reason code indicates an error in the invoice. Price amount Currency: ISO 4217 currency code Price type 01 Suggested retail price including tax 02 Suggested retail price excluding tax 03 Net price (unit cost) including tax 04 Net price (unit cost) excluding tax	D M D M	PricingDetail.Price. MonetaryAmount CurrencyCode PriceQualifierCode	

Request detail (continued)

	Item detail.	D	ItemDetail.	R
16	Expected terms – either a code or a percentage Discount code type 01 BIC discount group code BIC discount group code value	D D D	PricingDetail.Allowance. AllowanceCodeType AllowanceCode	
16	Total % discount expected to apply to this item – decimal number between 0 and 100	D	PricingDetail.DiscountPercentage	
17	Line item references (repeatable) Reference type 14 Invoice reference 19 Delivery note reference 20 Buyer's returns reference. Must be included in a follow-up request if included in an earlier response of type 23. 21 Supplier's pre-authorization or recall reference (issued prior to this authorization request) 22 Supplier's returns reference. Must be included in a follow-up request if included in an earlier response of type 23. Reference Reference date YYYYMMDD	D M D D	ReferenceCoded. ReferenceTypeCode ReferenceNumber ReferenceDate	R

Example of a Returns Authorization Request XML payload using either the SOAP or the HTTP protocol and the HTTP POST method:

```
<ReturnsRequest version="0.9">
  <Header>
    <ClientID>12345</ClientID>
    <ClientPassword>x9a44Ysj</ClientPassword>
    <AccountIdentifier>
      <AccountIDType>02</AccountIDType>
      <IDValue>12345</IDValue>
    </AccountIdentifier>
    <RequestNumber>001</RequestNumber>
    <IssueDateTime>20090428T120000</IssueDateTime>
  </Header>
  <ItemDetail>
    <LineNumber>1</LineNumber>
    <ProductIdentifier>
      <ProductIDType>03</ProductIDType>
      <IDValue>9780123456789</IDValue>
    </ProductIdentifier>
    <ReturnsQuantity>5</ReturnsQuantity>
    <ReturnsReasonCode>B00</ReturnsReasonCode>
  </ItemDetail>
</ReturnsRequest>
```

RETURNS AUTHORIZATION 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

	Returns authorization response Version 0.9		<ReturnsResponse version="0.9">
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Header

	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 D	SenderIdentifier. SenderIDType IDTypeName IDValue	
3	Identification number of this response	D	ResponseNumber	
4	Account identifier. Mandatory if included in request. A code value from a BIC-controlled codelist for the scheme used for the account identifier. 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 the request, using the specified scheme	D M M	AccountIdentifier. AccountIDType IDValue	
5	References: the request number and/or date/time of request must be quoted if included in the request. Reference type 01 Request number of associated returns authorization request 14 Invoice reference 19 Delivery note reference 20 Buyer's returns reference. If the response is of type 23, either a buyer's returns reference or a supplier's returns reference must be include in the response. 21 Supplier's pre-authorization or recall reference (issued prior to this authorization request) 22 Supplier's returns reference pending authorization. If response is of type 23, either a buyer's returns reference or a supplier's returns reference must be include in the response. Reference number / string Reference date or date and time. Mandatory if an IssueDateTime is included in the request.	M M D D	ReferenceCoded ReferenceTypeCode ReferenceNumber ReferenceDateTime	R

Item detail

Elements shaded yellow occur only in ItemDetail for “accepted” lines. Elements shaded blue occur only in ItemDetail for “refused” lines. Where part of the requested quantity is accepted and part is refused, a single request line will have two response lines.

	Element	M	ItemDetail.	R
1	Line item number: a sequence number starting at 1 in each new section.	M	LineNumber	
2	EAN-13 product number (mandatory unless trading partners have agreed to use an alternative product identifier)	D	EAN13	
3	Alternative product identifier (may be repeated only if two or more identifiers of different types are sent) Product ID type – values <i>ISBN</i> (use only for a 10-character ISBN), <i>EAN13</i> (use for a 13-digit ISBN), <i>UPC</i> , <i>ISMN</i> , <i>GTIN14</i> , <i>SKU</i> , <i>SUPP</i> (use for a supplier-defined product ID), <i>CUST</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	D M D M	ProductIdentifier. ProductIDType IDTypeName Identifier	R
4	Item description Author/title etc as a single element	D M	ItemDescription. TitleDetail	
5	Quantity accepted: total number of copies	D	QuantityAccepted	
6	Quantity refused: total number of copies	D	QuantityRefused	
7	Returns instruction code, EDItEUR standard list (either element 10 or 11, but not both, must be present in every line item that has a QuantityAccepted element) – see Table 2.	D	ReturnsInstructionCode	
8	Returns refusal code, EDItEUR standard list (either element 12 or 13, but not both, must be present in every line item that has a QuantityRefused element) – see Table 3.	D	ReturnsRefusalCode	
9	New supplier (only if the reason for refusal is “refer to new supplier” ⁴)	D	NewSupplierParty	
10	New supplier location (only if the reason for refusal is “refer to new supplier”) Location identifier Location ID type 02 Proprietary 06 EAN-UCC GLN 07 SAN Proprietary ID type name Location ID value Location name	D D M D M D	NewSupplierLocation LocationIdentifier LocationIDType IDTypeName IDValue LocationName	
11	Credit unit value. Mandatory in all line items.	M	CreditUnitAmount	
12	Percentage discount from current RRP. Mandatory, as an indication of the relationship between the credit value and the current RRP.	M	DiscountPercentage	
13	Expiry date, if different from the date defined in the header: YYYYMMDD	D	ExpiryDate	

⁴ The “New supplier” element has the same structure as ShipToParty in line 1 of authorization detail.

*Example of Returns Authorization Response XML payloads**(a) Request acknowledged – under consideration*

```

<ReturnsResponse version="0.9"
  xmlns="http://www.bic.org.uk/webservices">
  <Header>
    <IssueDateTime>20090428T120500</IssueDateTime>
    <SenderIdentifier>
      <SenderIDType>02</SenderIDType>
      <IDValue>XYZ</IDValue>
    </SenderIdentifier>
    <AccountIdentifier>
      <AccountIDType>01</AccountIDType>
      <IDValue>12345</IDValue>
    </AccountIdentifier>
    <ReferenceCoded>
      <ReferenceCodeType>01</ReferenceCodeType>
      <ReferenceNumber>001</ReferenceNumber>
      <ReferenceDateTime>20090428T120000</ReferenceDateTime>
    </ReferenceCoded>
    <ResponseCoded>
      <ResponseType>23</ResponseType>
    </ResponseCoded>
  </Header>
</ReturnsResponse>

```

(b) Request accepted

```

<ReturnsResponse version="0.9"
  xmlns="http://www.bic.org.uk/webservices">
  <Header>
    <IssueDateTime>20090428T120500</IssueDateTime>
    <SenderIdentifier>
      <SenderIDType>02</SenderIDType>
      <IDValue>XYZ</IDValue>
    </SenderIdentifier>
    <AccountIdentifier>
      <AccountIDType>01</AccountIDType>
      <IDValue>12345</IDValue>
    </AccountIdentifier>
    <ReferenceCoded>
      <ReferenceCodeType>01</ReferenceCodeType>
      <ReferenceNumber>001</ReferenceNumber>
      <ReferenceDateTime>20090428T120000</ReferenceDateTime>
    </ReferenceCoded>
    <ExpiryDate>20090528</ExpiryDate>
  </Header>
  <GreenBox>
    <ReturnsAuthorizationNumber>100999</ReturnsAuthorizationNumber>
    <ItemDetail>
      <LineNumber>1</LineNumber>
      <ProductIdentifier>
        <ProductIDType>03</ProductIDType>
        <IDValue>9780123456789</IDValue>
      </ProductIdentifier>
      <QuantityAccepted>5</QuantityAccepted>
      <ReturnsInstructionCode>A02</ReturnsInstructionCode>
    </ItemDetail>
  </GreenBox>
</ReturnsResponse>

```

POST RETURNS DESPATCH ADVICE – 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. Only a single document in PDF format, for which a URI for retrieval is specified, may be posted by this method.

	Parameter description	M ⁵	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 post 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 post financial document requests All retrieved financial documents must relate to this account.	M	AccountIDValue	
6	A date/time reference for this request	D	IssueDateTime	
7	Supplier's returns authorization reference	M	ReturnsAuthorizationReference	
8	Buyer's returns reference	D	BuyersReturnsReference	
9	EAN-13 product number (mandatory unless trading partners have agreed to use an alternative product identifier)	D	EAN13	
10	A code value from a BIC-controlled codelist for the type of an alternative identifier of the product (see ONIX codelist 5).	D	ProductIDType	
11	An alternative product identifier of the specified type. Only one alternative type of identifier may be carried in a Request using the HTTP GET method.	D	ProductIDValue	
12	Quantity authorized to be returned	M	AuthorizedQuantity	
13	Quantity now being shipped ⁶	D	QuantityShipping	

Example of a Post Returns Despatch Advice Request using the HTTP protocol and the HTTP GET method:

```
http://www.booksupplier.co.uk/ReturnsService?ClientID=12345&ClientPassword=x9a44Ysj
&AccountIDType=02&AccountIDValue=12345&RequestNumber=1012345
&IssueDateTime=20071120T152500&SuppliersAuthorizationReference=100999
&ProductIDType=03&ProductIDValue=9780123456789&AuthorizedQuantity=5&QuantityShipping=5
```

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

⁶ Please note that details of the item being shipped are to be included in the request, not only if the quantity being shipped differs from the quantity authorized to be returned.

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.

Request document name and version

Post Returns Despatch Advice Request Version 0.9	<PostReturnsASNRequest version="0.9">
---	--

Header

	Request header	M	Header.	7
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 for this request A code value from a BIC-controlled codelist for the scheme used for the account identifier. Mandatory if including an account identifier. Permitted values are: 02 Proprietary 06 EAN-UCC GLN 07 SAN 11 PubEasy PIN Account identifier for this request, using the specified scheme	D M M	AccountIdentifier. AccountIDType IDValue	
4	Identification number 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	Authorization request references. If included, must contain a reference number or a reference date or both. A supplier's returns authorization number must be included in each request. Reference type 20 Buyer's returns reference 23 Supplier's returns authorization number Reference Reference date YYYYMMDD	M M D D	ReferenceCoded. ReferenceTypeCode ReferenceNumber ReferenceDate	R

⁷ An 'R' in the right-most column means that the element is repeatable.

Request detail

	Item detail ⁸	M	ItemDetail.	R
1	Post returns despatch advice request line number	M	LineNumber	
2	EAN-13 product number (mandatory unless trading partners have agreed to use an alternative product identifier)	D	EAN13	
3	Alternative product identifier Product ID type – use ONIX Code List 5 ID type name, only if ID type = '01' (proprietary) Product number	D M D M	ProductIdentifier. ProductIDType IDTypeName IDValue	R
4	Item description – title, author etc. in a single string	D	ItemDescription.TitleDetail	
5	Quantity authorized to be returned. Mandatory.	M	AuthorizedQuantity	
6	Quantity now being shipped. Mandatory.	M	QuantityShipping	

Example of a Post Returns Despatch Advice Request XML payload using either the SOAP or the HTTP protocol and the HTTP POST method:

```
<PostReturnsASNRequest version="0.9">
  <Header>
    <ClientID>12345</ClientID>
    <ClientPassword>x9a44Ysj</ClientPassword>
    <AccountIdentifier>
      <AccountIDType>02</AccountIDType>
      <IDValue>12345</IDValue>
    </AccountIdentifier>
    <RequestNumber>001</RequestNumber>
    <IssueDateTime>20090428T150000</IssueDateTime>
    <ReferenceCoded>
      <ReferenceCodeType>23</ReferenceCodeType>
      <ReferenceNumber>100999</ReferenceNumber>
    </ReferenceCoded>
  </Header>
  <ItemDetail>
    <LineNumber>1</LineNumber>
    <ProductIdentifier>
      <ProductIDType>03</ProductIDType>
      <IDValue>9780123456789</IDValue>
    </ProductIdentifier>
    <AuthorizedQuantity>5</AuthorizedQuantity>
    <QuantityShipping>5</QuantityShipping>
  </ItemDetail>
</PostReturnsASNRequest>
```

⁸ Please note that all lines that are being shipped are to be included in the request, not only if the quantity being shipped differs from the quantity authorized to be returned.

POST RETURNS DESPATCH ADVICE – 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.

The Response to a Post returns despatch advice Request contains a Header only.

Response document name and version

Post Returns Despatch Advice Response Version 0.9	<PostReturnsASNResponse version="0.9">
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Header

	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, i.e. 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 D	SenderIdentifier. SenderIDType IDTypeName IDValue	
3	Identification number of this response	D	ResponseNumber	
4	Account identifier. Mandatory if included in request. A code value from a BIC-controlled codelist for the scheme used for the account identifier. 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	D M M	AccountIdentifier. AccountIDType IDValue	
5	References: the returns authorization number must be quoted; the request number and/or date/time of request must be quoted if included in the request. Reference type 01 Request number of associated post returns ship notice request 20 Buyer's returns reference 23 Supplier's returns authorization number Reference number / string Reference date or date and time. Mandatory if an IssueDateTime is included in the request.	M M D D	ReferenceCoded ReferenceTypeCode ReferenceNumber ReferenceDateTime	R
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 16 Invalid account identifier Free text description	D M D	ResponseCoded. ResponseType ResponseTypeDescription	R

Example of Post Returns Despatch Advice Response XML payload

```
<PostReturnsASNResponse version="0.9"
  xmlns="http://www.bic.org.uk/webservices">
  <Header>
    <IssueDateTime>20090428T150500</IssueDateTime>
    <SenderIdentifier>
      <SenderIDType>02</SenderIDType>
      <IDValue>XYZ</IDValue>
    </SenderIdentifier>
    <AccountIdentifier>
      <AccountIDType>01</AccountIDType>
      <IDValue>12345</IDValue>
    </AccountIdentifier>
    <ReferenceCoded>
      <ReferenceCodeType>01</ReferenceCodeType>
      <ReferenceNumber>001</ReferenceNumber>
      <ReferenceDateTime>20090428T150000</ReferenceDateTime>
    </ReferenceCoded>
    <ReferenceCoded>
      <ReferenceCodeType>23</ReferenceCodeType>
      <ReferenceNumber>100999</ReferenceNumber>
    </ReferenceCoded>
  </Header>
</PostReturnsASNResponse>
```

Table 1: EDItEUR returns reason codes

Used in ReturnsReasonCode

No	Value	Description
1	B00	Overstock returns: no references required
2	B10	Books supplied for a particular promotion or event, or return otherwise preauthorized by supplier: pre-authorization number must be sent
3	B11	ISBN recalled by supplier: recall number must be sent as pre-authorization
4	B20	ISBN supplied and invoiced was not ordered, or ISBN ordered was supplied and invoiced twice (<i>invoice number must be sent</i>)
5	B21	Wrong or old edition supplied
6	B30	Received damaged (<i>damage code should be sent if possible, invoice number must be sent</i>)
7	B31	Received with a manufacturing defect (<i>defect code should be sent if possible, invoice number should be sent if known</i>)
8	B80	Incorrect discount given
9	B81	Incorrect price on invoice
10	B90	Shortage: ordered quantity was invoiced but not supplied in full (may be reported as part of a returns notification)
11	B91	ISBN supplied was not ordered and not invoiced, or extra copies were sent and not invoiced

Table 2: EDItEUR returns instruction codes

Used in ReturnsInstructionCode

No	Value	Description
1	A01	Return to supplier in saleable condition
2	A02	Return title page only
3	A03	Keep as complimentary copy, credit will be given in full
4	A10	Return for destruction
5	A11	Destroy in store (authorises the customer to destroy in accordance with agreed protocols)

Table 3: EDItEUR returns refusal codes

Used in ReturnsRefusalCode

No	Value	Description
1	R01	Returns quantity higher than quantity supplied
2	R02	Too early (before first date for returns of this ISBN)
3	R03	Too late (after last date for returns of this ISBN)
4	R04	Supplied on firm sale
5	R05	Exceeds agreed trading cap
6	R06	ISBN/EAN number not known or not supplied by us, or not sent in the RETANN message
7	R07	No longer supplied by us, refer to new supplier
8	R08	Invoice (or delivery note) number not supplied or invalid
9	R09	Distributor unable to authorise – apply direct to publisher
10	R10	Reference not supplied or invalid – use for publisher recall reference, promotion or event reference, or pre-authorisation reference
11	R11	Acknowledgement of shortage report – no return involved
12	R12	Returns request outside supplier's Terms & Conditions
13	R13	Damage/defect code not supplied or invalid
14	R99	Request not supported electronically: please contact supplier for separate authorisation