Book Industry Communication

BIC Realtime
Standards for Instant Business Message Exchange
Order Status Request / Report
Version 3.0, 3 April 2020

This document: https://www.bic.org.uk/files/pdfs/API/Trade/BICWSOrderStatusRequestReport-V3.0.pdf
XML schema: https://www.bic.org.uk/files/xml/BICWSOrderStatusRequestReport_V3.0.xsd
WSDL file: https://www.bic.org.uk/files/xml/BICWSOrderStatusRequestReportSOAP_V3.0.wsdl
XML namespace: https://www.bic.org.uk/webservices/orderStatus
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This document specifies in human-readable form the *BIC Realtime* web services Order Status Request and Order Status Report formats. These formats form part of a series of formats to support the use of *BIC Realtime* web services for supply chain communication for both Trade supply and Consumer Direct Fulfilment.

Three alternative formats are specified for Order Status Requests:

- an HTTPS query format for use with implementations that use the basic HTTPS protocol[1] and GET method – sometimes referred to as the REST approach

- an XML format for use with implementations that use either SOAP or the basic HTTPS protocol and POST method.

- a JSON format for use with implementations that use the basic HTTPS protocol and POST method.

The Response payload format options (payload in XML or JSON) will both apply to basic HTTPS exchanges using the POST method, but XML is the only Response payload format supported for HTTPS requests using the GET method. A Request using the HTTPS GET method may be more limited than a Request using the HTTPS POST method, so the Response payload may use only a correspondingly limited subset of the content defined here. SOAP only supports XML as a Request or Response payload format.

The complete specification of the *BIC Realtime* Order Status Request/Report 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 *BIC Realtime* web service

- an XML Schema for Requests and Response payloads in XML format.

It is strongly recommended that SOAP client implementations of this *BIC Realtime* 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

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[1] Throughout the term 'HTTPS protocol' is to be interpreted as including secure internet protocols that are implemented either at the application layer (i.e. HTTPS) or are implemented at the transport layer (e.g. SSL/TLS).

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 Trade Order Status Enquiry, Order Status Report and CDF Order Response formats developed by EDItEUR. Version 2.0 of these formats enables a request to be made regarding the status of multiple orders, grouped by order reference, with corresponding changes to the structure of the report. Version 2.0 is not backwards-compatible with the previous version.

Business requirements

This *BIC Realtime* web service can be used in one of two ways.

The first is as an order chaser/status update to find the current progress of an order. This *BIC Realtime* web service allows the client to find out if the supplier is awaiting stock, or has already shipped the order, allowing them to update their customer in turn. When the order has been shipped it allows the client to find out parcel details, including tracking details when applicable. This use is suitable for both business to business (B2B) and CDF supply models.

The second, in combination with the *BIC Realtime* order list web service, is as a synchronisation process. By using the order list web service the client's system can get the order references of orders that are not yet logged within it. A subsequent call to the order status request/report service allows the system to fill in the detail of those orders. This is useful when customers use other order channels to raise orders with the supplier – a typical example being a rep order. This makes management of orders easier for the buyer as all their orders are in one place, but also by being aware of what has been ordered via other routes they can avoid potential over ordering. This can be particularly useful in chains where head office might place some orders on behalf of their branches.

Changes for Version 3.0 made December 2019

General   Version number changed to '3.0' in both Request and Response specifications and examples.

Support for JSON implementation added to specification tables and examples.

Namespace URI corrected in examples.

Text corrected in various places to make it clear that the SOAP protocol only supports XML payloads and not JSON payloads.

Element DiscountPercentage renamed DiscountPercent for consistency with other APIs. Element Allowance renamed DiscountCoded and restructured for consistency with other APIs.

Deprecated elements and code values removed.

Page 4   HTTPS GET Request lines 1 and 2: Parameters ClientID and ClientPassword made non-mandatory. It is recommended that HTTPS header-based authentication be used where possible.

HTTPS GET Request line 7: Parameter RequestType made mandatory for consistency with the POST Request Header line 2.

HTTPS GET Request line 17: Parameter DescriptionLanguageCode added to enable preferred language of descriptions to be specified. The value must be a three-letter language code from ONIX code list 74.

Page 6   Request header lines 1 and 2: Elements ClientID and ClientPassword made non-mandatory. It is recommended that HTTPS header-based authentication be used where possible.

Request header line 7: Element DescriptionLanguageCode added to enable preferred language of descriptions to be specified. The value must be a three-letter language code from ONIX code list 74.

Page 11   Report header line 6: Element DescriptionLanguageCode added to enable preferred language of descriptions to be specified.

Page 13   Report order item detail line 4: Elements Title, Author, SeriesTitle, VolumeOrPart, EditionStatement, CityOfPublication, CountryOfPublication, PublisherName, DateOfPublication and YearOfPublication added within ItemDescription.

Report order item detail line 7: Element PricingDetail replaced by the element Price for consistency with other APIs.

Page 14   Report order item detail line 14: Element AvailabilityCoded inserted as composite wrapper for existing availability elements. Element SupplierAvailabilityCode added. Use of SupplierAvailabilityCode and PublisherAvailabilityCode clarified.

Page 15   Report order item detail line 16: Element Substitute made repeatable and simplified to include only one or more identifiers. If further details of a substitute product are required, a separate follow-on request must be made.

Offered or confirmed unit price: New structure to enable the supplier's price identifier and associated terms and conditions to be included instead of or as well as a specific price amount. This aligns the price model more closely with other supply chain communication formats including ONIX. To align with ONIX, the following specific element changes have been made: elements PriceTypeQualifier (line 2) and PriceQualifierCode (line 9) have been renamed PriceQualifier and PriceType, using ONIX code lists 59 and 58 respectively.

Page 24   Table 3 EDItEUR ONIX product availability codes removed. SupplierAvailabilityCode is to use ONIX code list 65 instead.

ORDER STATUS REQUEST

Requests using the HTTPS protocol and the GET method

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

[2]	Parameter description	M[3]	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[4].	D	ClientID	
2	A password to further authenticate the sender of the request[4].	D	ClientPassword	
3	A code value from a BIC-controlled code list for the scheme used for a customer account identifier. Permitted values are: *01* Proprietary *06* EAN-UCC GLN *07* SAN *11* PubEasy PIN	D	AccountIDType	
4	Account identifier for this request, using the specified scheme.	D	AccountIDValue	
5	Order status request number	D	RequestNumber	
6	A date/time reference for this enquiry	D	IssueDateTime	
7	Scope of the order status enquiry. Mandatory. *01* WholeOrder *02* ItemList	M	RequestType	
8	Purchase order number to which this enquiry relates. Mandatory in all order status enquiries, unless a supplier's order number is included.	D	OrderReferenceNumber	
9	Purchase order line number to which this enquiry relates, if the enquiry relates to a specific order line and not the whole order.	D	OrderLineReferenceNumber	
10	Supplier's order number to which this enquiry relates. If no purchase order number is included, this element is mandatory.	D	SupplierOrderReferenceNumber	
11	CDF invoice reference	D	CDFInvoiceReference	
12	EAN-13 product number (either parameter 12 or both parameters 13 and 14 must be included if parameter 9 is present)	D	EAN13	
13	A code value from a BIC-controlled code list for the type of an alternative identifier of the product (see ONIX code list 5).	D	ProductIDType	
14	An alternative product identifier of the specified type. Only one alternative type of identifier may be carried in a Request using the HTTPS GET method.	D	ProductIDValue	
15	If and only if this parameter is supported by the *BIC Realtime* web service implementation, a third party supplier may be specified where the web service host is not the supplier, in which case this parameter and the next must be included. This parameter contains a code value from a BIC-controlled code list for the type of identifier of the supplier - see ONIX code list 92	D	SupplierIDType	
16	A unique supplier identifier of the specified type	D	SupplierIDValue	
17	Language in which the requester would prefer free-text descriptions to be expressed – use ONIX code list 74.	D	DescriptionLanguageCode	

Example of an Order Status Enquiry using the HTTPS protocol and the GET method:

https://www.booksupplier.co.uk/OrderStatEnqService?AccountIDType=01&AccountIDValue=12345 &OrderReferenceNumber=1012345&IssueDateTime=20191120T152500&RequestType=01

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[2] The order of parameters in an HTTPS GET Request is insignificant.
[3] In the column headed "M", "M" means mandatory, and "D" means dependent.
[4] It is recommended that HTTPS header-based authentication be used where possible.

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

Requests using the HTTPS POST method should include an XML or JSON request document as the body of a request message. Requests using the SOAP protocol must include an XML document.

Each request must contain a header followed by one or more order detail elements. Each order detail element must contain at least one order reference, an indicator of whether the request relates to the whole order or to individual lines and, only if the latter, one or more item detail elements relating to individual order lines.

Request document name and version

Order status request Version 3.0	<OrderStatusRequest version="3.0"> { "OrderStatusRequest": { "version": ...	

Header

	Request header	M	Header.	[5]
1	A unique identifier for the sender of the request. An alphanumeric string not containing spaces or punctuation	D	ClientID	
2	A password to further authenticate the sender of the request	D	ClientPassword	
3	Account identifier for this request	D	AccountIdentifier.	
	A code value from a BIC-controlled code list for the scheme used for the account identifier. Mandatory if including an account identifier. Permitted values are: *01* Proprietary *06* EAN-UCC GLN *07* SAN *11* PubEasy PIN	M	AccountIDType	
	Account identifier for this request, using the specified scheme	M	IDValue	
4	Order status request number	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, i.e. letter T	D	IssueDateTime	
6	Supplier to whom this order status enquiry applies, if it is not addressed to the *BIC Realtime* web service host (use only for requests sent to aggregators).	D	SupplierIdentifier.	
	Supplier ID type - see ONIX code list 92	M	SupplierIDType	
	ID type name, only if ID type = proprietary	D	IDTypeName	
	Identifier	M	IDValue	
7	Language in which the requester would prefer free-text descriptions to be expressed – use ONIX code list 74.	D	DescriptionLanguageCode	

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[5] An 'R' in the right-most column means that the element is repeatable. If implementing this API using the JSON format option, all repeatable elements must be represented by JSON array objects.

Request order detail

	Order detail. Mandatory, and repeatable when requesting the status of multiple orders.	M	OrderDetail.	R
1	Order references. Must contain a reference number or a reference date or both for a single order.	M	ReferenceCoded.	R
	Reference type 11 Buyer's order reference 18 End-customer's order reference 23 Supplier's order reference 25 CDF invoice reference	M	ReferenceTypeCode	
	Reference	D	ReferenceNumber	
	Reference date or date and time. See Header line 6 for format options.	D	ReferenceDateTime	
2	Scope of the order status request. Mandatory. 01 WholeOrder 02 ItemList	M	RequestType	

Request item detail

	Item detail. Mandatory if the scope of the request order detail is an item list. Must not be included if the scope of the request order detail is the whole order.	D	OrderDetail.ItemDetail.	R
1	Order status enquiry line number	M	LineNumber	
2	EAN-13 product number (either this element or element 3 must be included)	D	EAN13	
3	Alternative product identifier	D	ProductIdentifier.	R
	Product ID type – use ONIX Code List 5	M	ProductIDType	
	ID type name, only if ID type = '01' (proprietary)	D	IDTypeName	
	Product number	M	IDValue	
4	Quantity ordered (may be required by trading partner agreement)	D	OrderQuantity	
5	Order line references If included, must contain a reference number or a reference date/time or both.	D	ReferenceCoded	R
	Reference type *12* Buyer's unique order line reference *18* End customer order reference *23* Supplier's order reference *25* CDF invoice reference *26* CDF invoice line reference	M	ReferenceTypeCode	
	Reference number / string	D	ReferenceNumber	
	Reference date or date and time. See Header line 6 for format options.	D	ReferenceDateTime	

Example of an Order Status Request XML payload using either the SOAP or the HTTPS protocol and the POST method:

```
<OrderStatusRequest version="3.0"
xmlns="http://www.bic.org.uk/webservices/orderStatus">
  <Header>
    <AccountIdentifier>
      <AccountIDType>01</AccountIDType>
      <IDValue>12345</IDValue>
    </AccountIdentifier>
    <RequestNumber>001</RequestNumber>
    <IssueDateTime>20151120T1525</IssueDateTime>
  </Header>
  <OrderDetail>
    <ReferenceCoded>
      <ReferenceTypeCode>11</ReferenceTypeCode>
      <ReferenceNumber>1012345</ReferenceNumber>
    </ReferenceCoded>
    <RequestType>02</RequestType>
    <ItemDetail>
      <LineNumber>1</LineNumber>
      <ProductIdentifier>
        <ProductIDType>03</ProductIDType>
        <IDValue>9780123456789</IDValue>
      </ProductIdentifier>
      <ReferenceCoded>
        <ReferenceTypeCode>12</ReferenceTypeCode>
        <ReferenceNumber>5</ReferenceNumber>
      </ReferenceCoded>
    </ItemDetail>
    <ItemDetail>
      <LineNumber>2</LineNumber>
      <ProductIdentifier>
        <ProductIDType>03</ProductIDType>
        <IDValue>9780987654321</IDValue>
      </ProductIdentifier>
      <ReferenceCoded>
        <ReferenceTypeCode>12</ReferenceTypeCode>
        <ReferenceNumber>6</ReferenceNumber>
      </ReferenceCoded>
    </ItemDetail>
  </OrderDetail>
</OrderStatusRequest>
```

Example of an Order Status Request JSON payload using the HTTPS protocol and the POST method:

```json
{
    "OrderStatusRequest": {
        "version": "3.0",
        "xmlns": "http://www.bic.org.uk/webservices/orderStatus",
        "Header": {
            "AccountIdentifier": {
                "AccountIDType": "01",
                "IDValue": "12345"
            },
            "RequestNumber": "001",
            "IssueDateTime": "20151120T1525"
        },
        "OrderDetail": [
            {
                "ReferenceCoded": [
                    {
                        "ReferenceTypeCode": "11",
                        "ReferenceNumber": "1012345"
                    }
                ],
                "RequestType": "02",
                "ItemDetail": [
                    {
                        "LineNumber": 1,
                        "ProductIdentifier": [
                            {
                                "ProductIDType": "03",
                                "IDValue": "9780123456789"
                            }
                        ],
                        "ReferenceCoded": [
                            {
                                "ReferenceTypeCode": "12",
                                "ReferenceNumber": 5
                            }
                        ]
                    },
                    {
                        "LineNumber": 2,
                        "ProductIdentifier": [
                            {
                                "ProductIDType": "03",
                                "IDValue": "9780987654321"
                            }
                        ],
                        "ReferenceCoded": [
                            {
                                "ReferenceTypeCode": "12",
                                "ReferenceNumber": 6
                            }
                        ]
                    }
                ]
            }
        ]
    }
}
```

ORDER STATUS REPORT

The Response will use the protocol corresponding to the Request. If the Request uses the basic HTTPS protocol, the Response will be an XML or JSON document as specified below attached to a normal HTTPS 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

	Order status report Version 3.0		<OrderStatusReport version="3.0"> { "OrderStatusReport": { "version": ...	

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 (*BIC Realtime* web service host)	M	SenderIdentifier.	
	Sender ID type - see ONIX code list 92	M	SenderIDType	
	ID type name, only if ID type = proprietary	D	IDTypeName	
	Identifier	D	IDValue	
3	Identification number / string of this response	D	ResponseNumber	
4	Account identifier. Mandatory if included in request.	D	AccountIdentifier.	

	A code value from a BIC-controlled code list for the scheme used for the account identifier. Must be specified if an account identifier is specified. Permitted schemes are:
	    01 Proprietary
	    06 EAN-UCC GLN
	    07 SAN
	    11 PubEasy PIN
		M	AccountIDType	

	Account identifier for this request, using the specified scheme	M	IDValue	
5	References: the request number and/or date/time of request must be quoted if included in the request.	D	ReferenceCoded	R
	Reference type *01* Number or date/time of associated request	M	ReferenceTypeCode	
	Reference number / string	D	ReferenceNumber	
	Reference date or date and time. Mandatory if an IssueDateTime is included in the request. See Header line 1 for allowed formats.	D	ReferenceDateTime	

Header *(continued)*

	Payload header	M	Header.	
6	Response code, if there are exception conditions, in which case this composite terminates the response.	D	ResponseCoded.	R
	Response type code. Suggested code values: *01* Service unavailable *02* Invalid ClientID or ClientPassword *03* Server unable to process request – a reason should normally be given as a free text description – see below *16* Invalid or unknown account or supplier identifier *19* Server unable to process request – unable to contact supplier *20* Order status request acknowledged – awaiting response from supplier *24* Request does not reference a unique order	M	ResponseType	
	Free text description / reason for response	D	ResponseTypeDescription	
	Language of description. Mandatory if included in the request. See request header line 7.	D	DescriptionLanguageCode	
	Supplier identifier (generally only included if specified in the request header; mandatory if the response type code is '19' or '20').	D	SupplierIdentifier.	
	Supplier ID type - see ONIX code list 92	M	SupplierIDType	
	ID type name, only if ID type = proprietary	D	IDTypeName	
	Identifier	M	IDValue	
8	Default currency of values given in the response. If omitted, 'GBP' is assumed.	D	CurrencyCode	
9	Shipping detail *(if supplier has more than one warehouse, the default warehouse location from which goods have been / will be shipped; may be overridden at the item detail level – see response detail line 12)*	D	ShippingFrom.	
	Location must contain at least one location identifier or one location name or both.	M	Location	
	Location identifier	D	LocationIdentifier	R
	Location ID type~ *01* Proprietary *06* EAN-UCC GLN *07* SAN	M	LocationIDType	
	Proprietary ID type name	D	IDTypeName	
	Location ID value	M	IDValue	
	Location name	D	LocationName	

Report order detail

	Responses for each order included in the order request. Mandatory unless the response type code at the header level indicates exception conditions.	**D**	**OrderDetail.**	**R**
1	References: the order number must be quoted.	M	ReferenceCoded	
	Reference type *11* Order number or date/time specified in the request *23* Supplier's order reference *25* CDF invoice reference	M	ReferenceTypeCode	
	Reference number / string	D	ReferenceNumber	
	Reference date or date and time. Mandatory if an IssueDateTime is included in the request. See Report Header line 1 for format options.	D	ReferenceDateTime	
2	Response code, if there is an exception condition, in which case this composite terminates this order detail.	D	ResponseCoded.	R
	Response type code. Suggested code values: *11* Invalid order reference	M	ResponseType	
3	Order status – mandatory unless there is an exception condition. *01* Order accepted – shipping *02* Order accepted – all backordered *03* Order accepted – see detail *04* Order accepted but cannot be processed normally – see order status message *05* Order not accepted – see detail *06* Order accepted – awaiting shipping authorization	D	OrderStatus	
4	Order status message. Mandatory if the order status is '04'.	D	OrderStatusMessage	
5	Order item detail – for details see page 12.	D	ItemDetail	R
6	Order package detail – for details see page 16.	D	PackageDetail	R

Report order item detail

	Responses for each item included in the requested order detail. Mandatory in each order detail unless the response type code at that level indicates an exception condition.	D	OrderDetail.ItemDetail.	R
1	Line item 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 – for details see the corresponding line in Request detail	D	ProductIdentifier.	R
4	Item description	D	ItemDescription	
	Product form – see ONIX code list 7	D	ProductForm	
	Title, author etc. in a single string	D	TitleDetail	
	Title: text	D	Title	
	Author name (repeatable): text	D	Author	R
	Series title: text	D	SeriesTitle	
	Volume or part designation: text	D	VolumeOrPart	
	Edition statement: text	D	EditionStatement	
	Place of publication: text	D	CityOfPublication	
	Country of publication: text	D	CountryOfPublication	
	Publisher: text	D	PublisherName	
	Date of publication: YYYYMMDD	D	DateOfPublication	
	Year of publication: YYYY	D	YearOfPublication	
5	Quantity ordered	M	OrderQuantity	
6	Order line references If included, must contain a reference number or a reference date or both.	D	ReferenceCoded	R
	Reference type *01* Request line reference *12* Buyer's unique order line reference *16* Contract reference *17* Promotion or deal reference *18* End customer order reference *23* Supplier's order reference *25* CDF invoice reference *26* CDF invoice line reference	M	ReferenceTypeCode	
	Reference number / string	D	ReferenceNumber	
	Reference date or date and time. See Report Header line 1 for format options.	D	ReferenceDateTime	
7	Offered or confirmed unit price – see below for detailed description.	**D**	Price	
8	Order line response status code. Mandatory for each order line. See Table 1 for EDItEUR order line status codes that may be used in this context.	M	OrderLineStatusCoded.	
	Status code scheme *01* Sender's own scheme *02* Scheme maintained by EDItEUR	M	StatusCodeType	
	Status code	M	StatusCode	
9	Shipping detail (used only if the shipment was or will be from a location other than the default specified in the header)	D	ShippingFrom.	
	Location – must include at least one identifier, a name, or both	M	Location.	
	Location identifier	D	LocationIdentifier	R
	Location ID type~ *01* Proprietary *06* EAN-UCC GLN *07* SAN	M	LocationIDType	
	Proprietary ID type name	D	IDTypeName	
	Location ID value	M	IDValue	
	Location name	D	LocationName	

Report order item detail *(continued)*

	Responses for each item included in the requested order detail.	**M**	**OrderDetail.ItemDetail.**	
10	Quantity already shipped or in process of shipping	D	ShippedQuantity	
11	Quantity backordered	D	BackorderedQuantity	
12	Quantity cancelled	D	CancelledQuantity	
13	Item link to packaging list (repeatable)	D	PackageReference	R
	Quantity	D	PackedQuantity	
	Package number in list	M	PackageNumber	
14	Product availability status.	D	AvailabilityCoded	
	Supplier item availability code value. Indicates current availability of the item from the supplier responding to this request, or, when the web service host is an aggregator, from the supplier identified in the request (see request header line 12). See Table 2 for *BIC Realtime* web services availability status codes that should be used in this context.	M	SupplierAvailabilityCode	
	Publisher's distributor's product availability code value – use ONIX code list 65. Should be included if known, unless the order line is shipping now.	D	PublisherAvailabilityCode	
	Availability date for the ordered product (YYYYMMDD) – mandatory with certain publisher product availability code values.	D	ExpectedShipDate	
	Publishing status code value – use ONIX code list 64	D	PublishingStatusCode	
	On-sale date for the ordered product (YYYYMMDD) – included if sale is embargoed until the specified date, or if mandated by a publishing status code value.	D	ConsumerOnSaleDate	
	Expected order time for a non-stock item – in days	D	OrderTime	
15	Stock detail – repeated if stock levels are reported for more than one location.	D	Stock.	R
	Location – must include at least one identifier, a name, or both	D	Location.	
	Location identifier	D	LocationIdentifier	R

	Location ID type
	            01 Proprietary
	            06 EAN-UCC GLN
	            07 SAN
		M	LocationIDType	

	Proprietary ID type name	D	IDTypeName	
	Location ID value	M	IDValue	
	Location name	D	LocationName	
	Quantity on hand	D	OnHandQuantity	
	Quantity on order	D	OnOrderQuantity	
	Committed backorder quantity	D	CBOQuantity	
	Stock movement rate / velocity – repeated for different measures of stock movement	D	Velocity	R

	Velocity type code
	         01 Maximum daily sale
	         02 Vendor rating
		M	VelocityCode	

	Velocity value	M	VelocityValue	

Report order item detail *(continued)*

	Responses for each item included in the requested order detail.	**M**	**OrderDetail.ItemDetail.**	
16	Substitute product details *(for further description see corresponding details for the ordered product).*	D	Substitute.	R
	EAN-13 product number	D	EAN13	
	Alternative product identifier	D	ProductIdentifier.	

Offered or confirmed unit price

	Offered or confirmed unit price	**D**	**OrderDetail.ItemDetail.Price.**	
1	Supplier's price identifier, associating the price with a set of terms and conditions, which may be confirmed by including the elements in lines 4–7 below. The price identifier must match a price identifier specified in the current ONIX record for the same item.	D	PriceIdentifier	
	Proprietary price identifier scheme – use ONIX code list 217	M	PriceIDType	
	Proprietary scheme name	D	IDTypeName	
	Identifier value	M	IDValue	
2	Price qualifier corresponding to the supplier's price identifier – use ONIX code list 59.	D	PriceQualifier	
3	For digital items, the technical protection method(s) applied as a condition of sale at the supplier's price identifier. Repeatable – use ONIX code list 144.	D	EpubTechnicalProtection	**R**
4	Usage constraint(s) associated with the supplier's identified price. Repeatable	D	PriceConstraint	**R**
	Type of constraint – use ONIX code list 230.	M	PriceConstraintType	
	Status of constraint – use ONIX code list 146.	M	PriceConstraintStatus	
	Limit of constraint	D	PriceConstraintLimit	**R**
	Limiting quantity	M	Quantity	
	Quantity unit – use ONIX code list 147.	M	PriceConstraintUnit	
5	For digital items, the licensing terms applicable as a condition of sale at the supplier's identified price.	D	EpubLicense	
	License name	M	EpubLicenseName	**R**
	License expression	D	EpubLicenseExpression	
	Expression type – use ONIX code list 218.	M	EpubLicenseExpressionType	
	Expression type name	D	EpubLicenseExpressionTypeName	
	URI of license expression	M	EpubLicenseExpressionLink	
6	Further conditions applicable to the supplier's identified price.	D	PriceCondition	**R**
	Type of condition – use ONIX code list 167.	M	PriceConditionType	
	Quantity associated with condition	D	PriceConditionQuantity	**R**
	Type of quantity – use ONIX code list 168.	M	PriceConditionQuantityType	
	Quantity	M	Quantity	
	Quantity unit – use ONIX code list 169.	M	QuantityUnit	

Offered or confirmed unit price *(continued)*

	Offered or confirmed unit price	D	ItemDetail.Price.	
7	Price amount. May be repeated for different currencies or price types. Must be included if no price identifier is included.	D	PriceAmount	R
	Price amount	D	MonetaryAmount	
	Currency: ISO 4217 currency code	D	CurrencyCode	

	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
	   05 Fixed retail price including tax
	   06 Fixed retail price excluding tax
		D	PriceType	

	Tax details. May be included only if the price amount is inclusive of any tax. May be repeated for split-rate items only.	D	Tax	R
	Product identifier. Included only for split-rate items when trading terms require identification of the item(s) to which this rate applies.	D	ProductIdentifier	R
	Product ID type – see ONIX code list 5	M	ProductIDType	
	ID type name, only if proprietary	D	IDTypeName	
	Product number	M	IDValue	
	Tax component description	D	PricePartDescription	
	Language of description. Mandatory if included in the request. See request header line 9.	D	DescriptionLanguageCode	
	Tax type – see ONIX code list 171	M	TaxType	
	Tax rate code – see ONIX code list 62	D	TaxRateCode	
	Tax rate: percentage. Mandatory if either the taxable amount is specified or the tax amount isn't specified	D	TaxRatePercent	
	Taxable amount. Mandatory if the tax rate is specified or the tax amount isn't specified.	D	TaxableAmount	
	Tax amount. Mandatory if no tax rate or taxable amount is specified.	D	TaxAmount	
8	Total % discount expected to apply to this price – decimal number between 0 and 100	D	DiscountPercent	
9	Discount code from a specified scheme	D	DiscountCoded	R
	Discount code scheme – see ONIX code list 100	M	DiscountCodeType	
	Scheme name, only if scheme is proprietary	D	DiscountCodeTypeName	
	Discount code value from the specified scheme	M	DiscountCode	

10	Supply terms. If omitted, standard trade terms may be assumed to apply to this product. Permitted values are:
	   00 Standard trade terms – default
	   01 Sale or return
	   02 Firm sale only
		D	SupplyTerms	

Packaging Detail

	Element	D	OrderDetail.PackageDetail.	R
1	Package type	M	PackageCoded	
	Scheme from which package type code is taken: *01* EDItEUR international package code *02* UK book trade package code *03* US book trade package code	M	PackageCodeType	
	Package type code	M	PackageCode	
2	Number of packages	M	NumberOfPackages	
3	Package description (repeatable)	D	Package.	R
	Package number in list, required if package contents (as line items) are linked to the packages in which they are sent	D	PackageNumber	
	Package mark	M	PackageMark.	
	Type of package mark *01* SSCC-18 standard *02* Carrier's proprietary number	M	PackageMarkTypeCode	
	Package mark value	M	PackageMarkValue	
	Measurements / weight	D	Measure.	R
	Measure type *01* Height (of cover of book) *02* Width (of cover of book) *03* Thickness (of spine of book) *04* Total weight of delivered line	M	MeasureTypeCode	
	Measurement value (decimal number)	M	Measurement	
	Measure unit *01* Centimetre *02* Millimetre *03* Inch *04* Gram *05* Kilogram *06* Ounce *07* Pound	M	MeasureUnitCode	

Example of an Order Status Report XML payload using either the SOAP or the HTTPS protocol and the POST method:

```
<OrderStatusReport version="3.0"
xmlns="http://www.bic.org.uk/webservices/orderStatus">
  <Header>
    <IssueDateTime>20191120T1526</IssueDateTime>
    <SenderIdentifier>
      <SenderIDType>01</SenderIDType>
      <IDValue>XYZ</IDValue>
    </SenderIdentifier>
    <AccountIdentifier>
      <AccountIDType>01</AccountIDType>
      <IDValue>12345</IDValue>
    </AccountIdentifier>
    <ReferenceCoded>
      <ReferenceTypeCode>01</ReferenceTypeCode>
      <ReferenceNumber>001</ReferenceNumber>
      <ReferenceDateTime>20191120T152500</ReferenceDateTime>
    </ReferenceCoded>
  </Header>
  <OrderDetail>
    <ReferenceCoded>
      <ReferenceTypeCode>11</ReferenceTypeCode>
      <ReferenceNumber>1012345</ReferenceNumber>
    </ReferenceCoded>
    <OrderStatus>06</OrderStatus>
    <ItemDetail>
      <LineNumber>1</LineNumber>
      <ProductIdentifier>
        <ProductIDType>03</ProductIDType>
        <IDValue>9780123456789</IDValue>
      </ProductIdentifier>
      <OrderQuantity>5</OrderQuantity>
      <ReferenceCoded>
        <ReferenceTypeCode>01</ReferenceTypeCode>
        <ReferenceNumber>1</ReferenceNumber>
      </ReferenceCoded>
      <ReferenceCoded>
        <ReferenceTypeCode>12</ReferenceTypeCode>
        <ReferenceNumber>5</ReferenceNumber>
      </ReferenceCoded>
      <Price>
        <PriceAmount>
          <MonetaryAmount>9.99</MonetaryAmount>
          <PriceType>01</PriceType>
        </PriceAmount>
      </Price>
      <OrderLineStatusCoded>
        <StatusCodeType>02</StatusCodeType>
        <StatusCode>AlreadyShipped</StatusCode>
      </OrderLineStatusCoded>
      <ShippedQuantity>5</ShippedQuantity>
    </ItemDetail>
```

```
    <ItemDetail>
      <LineNumber>2</LineNumber>
      <ProductIdentifier>
        <ProductIDType>03</ProductIDType>
        <IDValue>9780987654321</IDValue>
      </ProductIdentifier>
      <OrderQuantity>2</OrderQuantity>
      <ReferenceCoded>
        <ReferenceTypeCode>01</ReferenceTypeCode>
        <ReferenceNumber>2</ReferenceNumber>
      </ReferenceCoded>
      <ReferenceCoded>
        <ReferenceTypeCode>12</ReferenceTypeCode>
        <ReferenceNumber>6</ReferenceNumber>
      </ReferenceCoded>
      <Price>
        <PriceAmount>
          <MonetaryAmount>15.99</MonetaryAmount>
          <PriceType>01</PriceType>
        </PriceAmount>
      </Price>
      <OrderLineStatusCoded>
        <StatusCodeType>02</StatusCodeType>
        <StatusCode>AcceptedBackordered</StatusCode>
      </OrderLineStatusCoded>
      <BackorderedQuantity>2</BackorderedQuantity>
      <AvailabilityCoded>
        <PublisherAvailabilityCode>31</PublisherAvailabilityCode>
        <ExpectedShipDate>20191223</ExpectedShipDate>
      </AvailabilityCoded>
    </ItemDetail>
  </OrderDetail>
</OrderStatusReport>
```

Example of an Order Status Report JSON payload using the HTTPS protocol and the POST method:

```json
{
    "OrderStatusReport": {
        "version": "3.0",
        "xmlns": "http://www.bic.org.uk/webservices/orderStatus",
        "Header": {
            "IssueDateTime": "20191120T1526",
            "SenderIdentifier": {
                "SenderIDType": "01",
                "IDValue": "XYZ"
            },
            "AccountIdentifier": {
                "AccountIDType": "01",
                "IDValue": "12345"
            },
            "ReferenceCoded": [
                {
                    "ReferenceTypeCode": "01",
                    "ReferenceNumber": "001",
                    "ReferenceDateTime": "20191120T152500"
                }
            ]
        },
        "OrderDetail": [
            {
                "ReferenceCoded": [
                    {
                        "ReferenceTypeCode": "11",
                        "ReferenceNumber": "1012345"
                    }
                ],
                "OrderStatus": "06",
                "ItemDetail": [
                    {
                        "LineNumber": 1,
                        "ProductIdentifier": [
                            {
                                "ProductIDType": "03",
                                "IDValue": "9780123456789"
                            }
                        ],
                        "OrderQuantity": 5,
                        "ReferenceCoded": [
                            {
                                "ReferenceTypeCode": "01",
                                "ReferenceNumber": 1
                            },
                            {
                                "ReferenceTypeCode": "12",
                                "ReferenceNumber": 5
                            }
                        ],
                        "Price": {
                            "PriceAmount": [
                                {
                                    "MonetaryAmount": 9.99,
                                    "PriceType": "01"
                                }
                            ]
                        },
```

```
                    "OrderLineStatusCoded": {
                        "StatusCodeType": "02",
                        "StatusCode": "AlreadyShipped"
                    },
                    "ShippedQuantity": 5
                },
                {
                    "LineNumber": 2,
                    "ProductIdentifier": [
                        {
                            "ProductIDType": "03",
                            "IDValue": "9780987654321"
                        }
                    ],
                    "OrderQuantity": 2,
                    "ReferenceCoded": [
                        {
                            "ReferenceTypeCode": "01",
                            "ReferenceNumber": 2
                        },
                        {
                            "ReferenceTypeCode": "12",
                            "ReferenceNumber": 6
                        }
                    ],
                    "Price": {
                        "PriceAmount": [
                            {
                                "MonetaryAmount": 15.99,
                                "PriceType": "01"
                            }
                        ]
                    },
                    "OrderLineStatusCoded": {
                        "StatusCodeType": "02",
                        "StatusCode": "AcceptedBackordered"
                    },
                    "BackorderedQuantity": 2,
                    "AvailabilityCoded": {
                        "PublisherAvailabilityCode": "31",
                        "ExpectedShipDate": "20191223"
                    }
                }
            ]
        }
    ]
  }
}
```

Table 1: EDItEUR order line status codes

Used in OrderLineStatusCoded.StatusCode (page 11, line 10), when the StatusCodeType is specified as '02' (EDItEUR). Code values followed by an asterisk * have been defined by BIC for this standard and are to be proposed as additions to the EDItEUR code list.

No	Value	Description
1	*AcceptedBackordered*	Order line accepted as backorder ("due") (Order Response only)
2	*AcceptedPartShippingPartBackordered*	Order line accepted, part in process for immediate shipping, part backordered (Order Response only)
3	*AcceptedPartShippingPartCanceled*	Order line accepted, part in process for immediate shipping, part canceled (Order Response only)
4	*AcceptedShipping*	Order line accepted, all in process for immediate shipping (Order Response only)
5	*AlreadyShipped*	Order line already shipped or in process for shipping
6	*BackorderedAwaitingMinimumOrder*	Backordered until minimum order value is reached
7	*BackorderedAwaitingReceipt*	Backordered and has been despatched from our supplier, awaiting receipt
8	*BackorderedAwaitingSupply*	Backordered – awaiting supply
9	*BackorderedChasingSupplier*	Order line has been chased to our supplier
10	*BackorderedDateChange*	Backordered, note change to expected availability date
11	*BackorderedOnOrderFromOverseas*	Backordered – has been ordered from overseas supplier
12	*BackorderedPriceChange*	Backordered, note price change
13	*BackorderedTitleChange*	Backordered, note title change (NYP only)
14	*BackorderedStockTaking**	Backordered – currently unavailable due to stock taking
15	*CanceledByBuyer*	Order line canceled at buyer's request
16	*CanceledCannotSupply*	Order line canceled, item cannot be supplied (eg OP)
17	*CanceledDiscountQuery*	Discount query: order line cancelled
18	*CanceledDuplicateOrder*	Order appears to be a duplicate: order line cancelled
19	*CanceledInvalid*	Ordered item cannot be recognized
20	*CanceledMinimumOrderReq*	Minimum order value required: order line canceled
21	*CanceledOutOfTime*	Order line canceled, past cancelation date
22	*CanceledPriceQuery*	Price query: order line cancelled
23	*CanceledPromotionInvalid*	Promotional deal invalid or expired: order line cancelled
24	*CanceledSubstOffered*	Order line canceled, substitute product is offered for separate order
25	*CanceledTryOtherLocation*	Order line canceled, but could be supplied at a Ship From location other than that specified by the buyer: must be accompanied by the identity of the other location
26	*CanceledUnknown**	Order line canceled – unknown product or source of supply
27	*CanceledRightsRestricted**	Order line cancelled –cannot supply to customer due to rights restrictions
28	*CanceledCannotShipByRequestedDate**	Order line canceled – cannot ship by requested "ship by" date
29	*CanceledSold**	Order line canceled – second-hand or antiquarian item already sold
30	*CanceledStockTaking**	Order line canceled – currently unavailable due to stock taking
31	*HeldAccountStopped*	Buyer's account is temporarily stopped: product availability is reported as usual, but order will not be released until account is cleared
32	*HeldAwaitingBuyerInstruction*	Awaiting instruction from buyer: order line held
33	*HeldDiscountQuery*	Discount query: order line held awaiting customer response
34	*HeldFirmOrderRequired*	Can only be supplied against firm order: order line held awaiting customer response
35	*HeldMinimumOrderReq*	Minimum order value required: order line held
36	*HeldPriceQuery*	Price query: order line held awaiting customer response, usually because difference between order price and actual price exceeds agreed tolerance
37	*HeldPromotionInvalid*	Promotional deal invalid or expired: order line held awaiting customer response
38	*HeldStockTaking**	Order line held – currently unavailable due to stock taking
39	*NotFound*	Order line not traced

Table 1: EDItEUR order line status codes *(continued)*

No	Value	Description
40	*NotOnBackorderFile*	Response to order status enquiry or cancellation, for suppliers whose systems check enquiries or cancellations only against a backorder file. Where possible, the more informative responses NotFound and AlreadyShipped are preferred.
41	*Processing*	Ordered item(s) being processed by bookseller
42	*ProcessingAwaitingBuyerInstruction*	Ordered item(s) being processed by bookseller, awaiting buyer instruction
43	*ReorderedSuppliedDamaged*	Our supplier sent damaged item(s): reordered
44	*ReorderedSuppliedImperfect*	Our supplier sent imperfect item(s): reordered
45	*ReorderedSuppliedShort*	Our supplier sent short: reordered
46	*ReorderedSupplierCannotTrace*	Our supplier cannot trace order: reordered
47	*ReorderedWrongItemSupplied*	Our supplier sent wrong item(s): reordered
48	*SubstBackordered*	Substitute product backordered
49	*SubstPartShippingPartBackordered*	Substitute product part in process for immediate shipping, part backordered
50	*SubstPartShippingPartCanceled*	Substitute product part in process for immediate shipping, part canceled
51	*SubstShipping*	Substitute product in process for immediate shipping
52	*TemporaryHold*	Order action not yet determined
53	*HeldAdditionalServiceQuery*	Order line held pending resolution of a query concerning an additional service requested for that order line
54	*CanceledAdditionalServiceQuery*	Order line canceled due to a query concerning an additional service requested. The item should be re-ordered once the query has been resolved.
55	*AwaitingAuthorizationToShip*	NOTE – *BIC Realtime* web service code value not yet in EDItEUR code list

Table 2: Supplier item availability codes

Used in SupplierAvailabilityCode (page 13 line 16 and page 14 line 21).

Code value	Description
10	Not yet available - reason may be provided by publisher product availability code and/or publishing status code
20	Available - further information on the precise nature of the availability should normally be provided by publisher product availability code
21	Available - from stock - no additional availability information would normally be provided
23	Available - manufactured on demand
30	Temporarily unavailable - reason may be provided by publisher product availability code
31	Temporarily unavailable due to stock taking
40	Not available - if due to a supply chain issue, the reason should be provided by publisher product availability code and/or publishing status code
41	Not available - publisher address unknown
42	Not available - publisher no longer trading
43	Not available - rights restricted
44	Not available in pack/set form - only available singly
80	Sold - second-hand or antiquarian item
90	Availability uncertain - no further information
91	Availability uncertain - item not known / identifier not recognised
92	Availability uncertain - apply to customer services