



Book Industry Communication

BIC Realtime

Standards for Instant Business Message Exchange

CDF Order Request and CDF Order Response

Version 2.0, 3 April 2020

This document: <https://www.bic.org.uk/files/pdfs/API/Trade/BICWSCDFOrderRequestResponse-V2.0.pdf>

XML schema: https://www.bic.org.uk/files/xml/BICWSCDFOrderRequestResponse_V2.0.xsd

WSDL file: https://www.bic.org.uk/files/xml/BICWSCDFOrderRequestResponseSOAP_V2.0.wsdl

XML namespace: <https://www.bic.org.uk/webservices/cdfOrderRequest>

Next review date: 26 February 2021

This document specifies in human-readable form the *BIC Realtime* web services CDF Order Request and CDF Order Response formats. These formats are the first in a series of formats to support the use of *BIC Realtime* web services for supply chain communication for Consumer Direct Fulfilment.

Three separate formats are specified for CDF Order Requests:

- an HTTPS query format for use with implementations that use the basic HTTPS protocol¹ 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* CDF Order 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 *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

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 CDF Order (version 1.2) and CDF Order Response (version 1.1) formats developed by EDItEUR.

Business requirements

This service will enable the use of *BIC Realtime* web services for the placing of orders by retailers (or possibly, in the case of smaller retailers, their agents) with wholesalers or distributors, where this complements existing paper-based and electronic ordering methods, involving direct fulfilment of the order to the consumer. Using this service, the buyer can receive an immediate response to the CDF order and not simply a technical acknowledgement of receipt.

The real-time nature of *BIC Realtime* web services makes it well suited to Consumer Direct Fulfilment, in which orders frequently contain a single line item, or at most a small number of line items.

An ordering service typically needs to communicate with other existing systems to determine the correct response to an order request. The EDItEUR order line status code list (see Table 1) has been extended to enable a wider range of responses, as are provided by systems that implement existing EDI standards.

More detailed description of the CDF Order Business Case

This *BIC Realtime* web service has been designed with the following users in mind:

1. Online retailers that choose not to hold stock and outsource the fulfilment of orders to wholesalers and distributors.
2. As above, but the retailer holds stock of selected front list titles and outsources tail supply to one or more wholesalers and distributors.
3. "Bricks and mortar" stores may take orders from consumers in the store for products they don't stock and arrange for their supplier to deliver directly to the consumer's home address.

Changes for Version 2.0 made December 2019

General	<p>Version number changed to '2.0' in both Request and Response specifications and examples.</p> <p>Support for JSON implementation added to specification tables and examples.</p> <p>Text corrected in various places to make it clear that the SOAP protocol only supports XML payloads and not JSON payloads.</p> <p>Element DiscountPercentage and ConsumerDiscountPercentage renamed DiscountPercent and ConsumerDiscountPercent for consistency with other APIs.</p> <p>Element Allowance renamed DiscountCoded and restructured for consistency with other APIs.</p> <p>Deprecated elements and code values removed.</p>
Page 4	<p>HTTPS Request lines 1 and 2: Parameters ClientID and ClientPassword made non-mandatory. It is recommended that HTTPS header-based authentication be used where possible.</p> <p>HTTPS Request line 13: 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.</p>
Page 8	<p>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.</p>

- Request header line 7: Element ReferenceDate removed, for consistency with other APIs. The element ReferenceDateTime should be used instead.
- Request header line 9: 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 Request header line 28: Elements TaxTypeCode and Percent within ShippingCharge renamed TaxType and TaxRatePercent for consistency with other APIs. Element TaxTypeName within ShippingCharge added for consistency with other APIs. Either TaxTypeCode or TaxTypeName must be included.
- Page 12 Request detail line 6: Element ReferenceDate removed, for consistency with other APIs. The element ReferenceDateTime should be used instead.
- Page 13 Request detail line 10: Element PricingDetail replaced by the element Price for consistency with the response and with other APIs, with new structure to enable the supplier's price identifier to be included instead of or as well as a specific price amount.
- Page 14 Example changed to include new Price element.
- Page 17 Response header line 7: Element DescriptionLanguageCode added to enable the language of element ResponseTypeDescription to be specified. The value must be a three-letter language code from ONIX code list 74.
- Request header line 10: Elements TaxTypeCode and Percent within ShippingCharge renamed TaxType and TaxRatePercent for consistency with other APIs. Element TaxTypeName within ShippingCharge added for consistency with other APIs. Either TaxTypeCode or TaxTypeName must be included.
- Page 18 Response detail line 4: Elements SeriesTitle, VolumeOrPart, EditionStatement, CityOfPublication, CountryOfPublication, PublisherName, DateOfPublication and YearOfPublication added within ItemDescription.
- Response detail line 6: Element ReferenceDate removed, for consistency with other APIs. The element ReferenceDateTime should be used instead.
- Response detail line 7: Element PricingDetail replaced by the element Price for consistency with other APIs.
- Page 19 Response detail line 16: Element AvailabilityCoded inserted as composite wrapper for existing availability elements. Use of SupplierAvailabilityCode and PublisherAvailabilityCode clarified.
- Page 20 Response detail line 23: 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 23 Example changed to include new Price element.
- Page 27 Table 3 EDItEUR ONIX product availability codes removed. See ONIX code list 65.

CDF ORDER 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	Request number	D	RequestNumber
4	Purchase order number for this CDF order request. Mandatory in all order requests.	M	OrderNumber
5	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
6	Account identifier for this request, using the specified scheme.	D	AccountIDValue
7	A date/time reference for this request	D	IssueDateTime
8	Contract reference	D	ContractReference
9	Promotion or deal reference	D	PromotionOrDealReference
10	Order source location reference	D	OrderSourceLocationReference
11	CDF invoice reference	D	CDFInvoiceReference
12	ISO 4217 currency code specifying the currency in which the requester would prefer prices to be quoted, and in which any expected price is quoted	D	CurrencyCode
13	Language in which the requester would prefer free-text descriptions to be expressed – use ONIX code list 74.	D	DescriptionLanguageCode
14	Order qualifying date type: 01 Cancel if not shipped by 03 Fill all available by, cancel remainder	D	DateQualifierCode
15	Order qualifying date	D	ShipByDate
16	Order fill terms 01 Fill all or kill all 02 Fill all or backorder all 03 Fill available, kill remainder 04 Fill available, kill remainder unless not yet published 05 Fill available, backorder remainder and ship when complete 06 Fill available, backorder remainder and ship as available	D	FillTermsCode

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 the HTTPS protocol and the GET method (continued)

	Parameter description		Name	
17	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 intended 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	
18	A unique supplier identifier of the specified type	D	SupplierIDValue	
19	Ship-to party name	M	ShipToPartyName	
20	Ship-to party address line 1	M	ShipToPartyAddress1	
21	Ship-to party address line 2	D	ShipToPartyAddress2	
22	Ship-to party address line 3	D	ShipToPartyAddress3	
23	Ship-to party address line 4	D	ShipToPartyAddress4	
24	Ship-to party postal or zip code	D	ShipToPartyPostalCode	
25	Ship-to party country – ISO two-letter country code	D	ShipToPartyCountryCode	
26	Ship-to party contact phone	D	ShipToPartyContactPhone	
27	Ship-to party contact fax	D	ShipToPartyContactFax	
28	Ship-to party contact email	D	ShipToPartyContactEmail	
29	Ship-to party contact name	D	ShipToPartyContactName	
30	Bill-to party name – Mandatory if the bill-to party name and address are not the same as the ship-to party name and address.	D	BillToPartyName	
31	Bill-to party address line 1 – Mandatory if the bill-to party name and address are not the same as the ship-to party name and address.	D	BillToPartyAddress1	
32	Bill-to party address line 2	D	BillToPartyAddress2	
33	Bill-to party address line 3	D	BillToPartyAddress3	
34	Bill-to party address line 4	D	BillToPartyAddress4	
35	Bill-to party address line 5	D	BillToPartyAddress5	
36	Trade bill-to party identifier type. Mandatory if the invoice is to be sent to a trade party other than the requester. 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	TradeBillToPartyIDType	
37	Trade bill -to party identifier	D	TradeBillToPartyIDValue	
38	Shipping instructions. 00 Follow standing instructions (default) 01 Ship this order separately without delay NOTE – Shipping may be triggered by an order, by a shipping request or by a standing instruction to ship when agreed conditions are met (e.g. the value or weight of items awaiting shipping exceeds an agreed amount). The default is to follow standing instructions.	D	ShippingInstructionsCode	
39	Retailer invoicing instructions 01 Invoice this order separately 02 This order may be combined with others for invoicing purposes.	D	InvoicingInstructionsCode	
40	EAN-13 product number (mandatory unless trading partners have agreed to use an alternative product identifier)	D	EAN13	
41	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	

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

	Parameter description		Name	
42	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	
43	Item description – title, author etc. in a single string	D	TitleDetail	
44	Quantity ordered	M	OrderQuantity	
45	Expected trade unit price	D	PriceAmount	
46	Price type – use ONIX code list 58. Mandatory if an expected price is given.	D	PriceType	
47	BIC discount group code	D	BICDiscountGroupCode	
48	% trade discount expected to apply to this order – decimal number between 0 and 100	D	DiscountPercent	
49	% consumer discount	D	ConsumerDiscountPercent	
50	Gift wrap required for all items on this CDF order. Values from 01 to 99 defined by trading partner agreement.	D	GiftWrapType	
51	Type of gift message to include with item. Values from 01 to 99 defined by trading partner agreement.	D	GiftMessageType	
52	Line 1 of gift message to include with item	D	GiftMessageLine1	
53	Line 2 of gift message to include with item	D	GiftMessageLine2	
54	Line 3 of gift message to include with item	D	GiftMessageLine3	
55	Line 4 of gift message to include with item	D	GiftMessageLine4	
56	Type of message to include in all transactions associated with this order. Values from 01 to 99 defined by trading partner agreement.		MessageType	
57	Line 1 of message	D	MessageLine1	
58	Line 2 of message	D	MessageLine2	
59	Line 3 of message	D	MessageLine3	
60	Line 4 of message	D	MessageLine4	
61	Packing slip required (absence of the element means no packing slip required). Values from 01 to 99 defined by trading partner agreement.	D	PackingSlipType	
62	Prices to be shown on the packing slip, if any 00 Supplier to show NO prices on packing slip, eg for gift orders 01 Show specified prices on packing slip. Line item detail must include the price specified by the buyer. 02 Supplier to provide prices on packing slip. Packing slip must include retail prices provided by the supplier	D	PackingSlipPrices	
63	Number(s) of gift certificate(s) to use against order (space-separated list, if more than one)	D	GiftCertificateNumbers	
64	Value(s) of gift certificate(s) to use against order (space-separated list, if more than one certificate)	D	GiftCertificateAmounts	
65	Type of coupon to use against order (only one type may be specified)	D	CouponType	
66	Number(s) of coupon(s) to use against order (space-separated list, if more than one)	D	CouponNumbers	
67	Value(s) of coupon(s) to use against order (space-separated list, if more than one)	D	CouponAmounts	

Example of a CDF Order Request using the HTTPS protocol and the GET method:

`https://www.booksupplier.co.uk/CDFOrderingService?AccountIDType=01&AccountIDValue=12345
&OrderNumber=1012345&IssueDateTime=20191120T152500&ProductIDType=03
&ProductIDValue=9780123456789&OrderQuantity=1&PriceAmount=9.99&PriceType=05`

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.

Request document name and version

	CDF Order request Version 2.0		<CDFOrderRequest version="2.0"> { "CDFOrderRequest": { "version": ...	
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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 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 Account identifier for this request, using the specified scheme	D M M	AccountIdentifier. AccountIDType IDValue	
4	Request number	D	RequestNumber	
5	Purchase order number for this order request. Mandatory in all order requests.	M	OrderNumber	
6	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	
7	Order references. If included, must contain a reference number or a reference date or both. Reference type 16 Contract reference 17 Promotion or deal reference 18 End customer order reference 24 Order source location reference 25 CDF invoice reference Reference Reference date-time (for format options see line 6)	D M D D	ReferenceCoded. ReferenceTypeCode ReferenceNumber ReferenceDateTime	R
8	ISO 4217 currency code specifying the currency in which the requester would prefer prices to be quoted	D	CurrencyCode	
9	Language in which the requester would prefer free-text descriptions to be expressed – use ONIX code list 74.	D	DescriptionLanguageCode	
10	Order qualifying dates Date YYYYMMDD Date qualifier 01 Cancel if not shipped by date 02 Cancel if not shipped by date, unless not yet published 03 Fill all available by date 04 Do not ship before date	D M M	DateCoded. Date DateQualifierCode	R

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.

Header (continued)

	Request header	M	Header.	
11	Order fill terms 01 Fill all or kill all 02 Fill all or backorder all 03 Fill available, kill remainder 04 Fill available, kill remainder unless not yet published 05 Fill available, backorder remainder and ship when complete 06 Fill available, backorder remainder and ship as available	D	FillTermsCode	
12	Supplier to whom this order 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 code list 92 ID type name, only if ID type = proprietary Identifier	D M D M	SupplierIdentifier. SupplierIDType IDTypeName IDValue	
13	Deliver to consumer party – must include an identifier, a name or both. May be specified at the whole order level or at the line item level, but not both. Party identifier Party ID type 01 Proprietary 06 EAN-UCC GLN 07 SAN Identifier string Party name Postal address Address line Postal or zip code Country – ISO two-letter country code Communication details Communication type 01 'Landline' phone 02 Mobile phone 03 Fax 04 Email 05 Web 06 Phone (unspecified) Communication locator string Contact details Contact person's name	D D M M D D D D D M D M D M D M	ShipToParty. PartyIdentifier PartyIDType IDValue PartyName PostalAddress. AddressLine PostalCode CountryCode CommunicationDetails. CommunicationTypeCode CommunicationLocator ContactPerson PersonName	R R
14	Consumer invoice to party (if not deliver to party) – same structure as deliver to party.	D	BillToParty.	
15	Trade invoice to party (if not requester). Same structure as deliver to party, except it is mandatory to include a party identifier.	D	TradeBillToParty	
16	Ship from location Location – must include at least one identifier, a name, or both Location identifier Location ID type 01 Proprietary 06 EAN-UCC GLN 07 SAN Proprietary location ID type name Location ID value Location name	D M D M D M D	ShipFrom. Location. LocationIdentifier LocationIDType IDTypeName IDValue LocationName	R

Header (continued)

	Request header	M	Header.	
17	Time and means of delivery Requested delivery time 01 Next day (other codes to be added) Use supplier's delivery service – code or name assigned by supplier Use specified carrier Coded carrier name Coding scheme type: 01 BIC scheme 02 Supplier's scheme 03 Buyer's scheme Carrier name code Name of carrier Carrier's delivery service code / name Free text delivery instruction	D D D D D M M M D D	Delivery. DeliveryTimeCode VendorDeliveryService Carrier. CarrierNameCoded CarrierNameCodeType CarrierNameCode CarrierName CarrierService DeliveryNotes	
18	Shipping instructions. 00 Follow standing instructions (default) 01 Ship this order separately without delay 02 Allocate stock now, pending shipping request or standing instruction 03 Ship this order without delay, combined with any backorder items awaiting shipping. NOTE – Shipping may be triggered by an order, by a shipping request or by a standing instruction to ship when agreed conditions are met (e.g. the value or weight of items awaiting shipping exceeds an agreed amount). The default is to follow standing instructions.	D	ShippingInstructionsCode	
19	Invoicing instructions 01 Invoice this order separately 02 This order may be combined with others for invoicing purposes.	D	InvoicingInstructionsCode	
20	Expected trade terms: credit period Number of days from date of invoice, or Due date YYYYMMDD	D	PaymentTerms. NetDaysDue NetDueDate	
21	Discount code from a specified scheme Discount code scheme – see ONIX code list 100 Scheme name, only if scheme is proprietary Discount code value from the specified scheme	D M D M	DiscountCoded DiscountCodeType DiscountCodeTypeName DiscountCode	
22	% trade discount expected to apply to this order – decimal number between 0 and 100	D	DiscountPercent	
23	% discount to apply to consumer price for whole order	D	ConsumerDiscountPercent	
24	Gift wrap required for all items ordered (absence of this element means “no gift wrap required”). Note that if gift wrap is required on some line items but not on others, this element must be omitted. Values 01 to 99 defined by trading partner agreement.	D	GiftWrapType	
25	Gift message required for whole order. Message type: code string values defined by trading partner agreement Message content (repeatable)	D M M	GiftMessage. GiftMessageType GiftMessageLine	R
26	Other message required for whole order. Message type: code string values defined by trading partner agreement Message content (repeatable)	D M M	Message. MessageType MessageLine	R R
27	Packing slip required (absence of this element means “no packing slip required”). Values 01 to 99 defined by trading partner agreement.	D	PackingSlipType	

Header (continued)

	Request header	M	Header.	
27	Prices to be shown on the packing slip, if any. Code values are: 00 Supplier to show NO prices on packing slip, eg for gift orders 01 Show specified prices on packing slip. Line item detail must include the price specified by the buyer. 02 Supplier to provide prices on packing slip. Packing slip must include retail prices provided by the supplier	D	PackingSlipPrices	
28	Per-order shipping charge Shipping charge amount excluding tax if any Shipping charge tax Tax type – use ONIX code list 171. If omitted, a tax type name must be included. Tax type name Tax rate code Tax rate percent Taxable amount of shipping charge Tax amount	D M D D D D D D D	ShippingCharge. MonetaryAmount Tax. TaxType TaxTypeName TaxRateCode TaxRatePercent AmountTaxable TaxAmount	R
29	Gift certificate to use against order (repeatable) Certificate number Value	D M M	GiftCertificate. CertificateNumber MonetaryAmount	R
30	Coupon to use against order (repeatable) Coupon type (values 01 to 99) ⁶ Coupon number Value Percentage discount	D M M D D	Coupon CouponType CouponNumber MonetaryAmount Percent	R

⁶ A coupon can be used only against line items with a matching type.

Request detail

	Item detail	M	ItemDetail.	R
1	CDF order 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 – must contain at least one of the following elements. Title, author etc. in a single string Title only Author (repeatable)	D D D D	ItemDescription. TitleDetail Title Author	R
5	Quantity ordered	M	OrderQuantity	
6	Order line references If included, must contain a reference number or a reference date or both. Reference type 12 Buyer's unique order line reference 16 Contract reference 17 Promotion or deal reference 18 End customer order reference 24 Order source location reference 26 CDF invoice line reference Reference number / string Reference date-time (for format options see Header line 6)	D M D D	ReferenceCoded ReferenceTypeCode ReferenceNumber ReferenceDateTime	R
7	Ship to / deliver to – see Header line 12 for structure details	D	ShipToParty	
8	Order line qualifying dates Date YYYYMMDD Date qualifier 01 Cancel if not shipped by date 02 Cancel if not shipped by date, unless not yet published 03 Fill all available by date 04 Do not ship before date	D M M	DateCoded. Date DateQualifierCode	R
9	Order line fill terms 01 Fill all or kill all 02 Fill all or backorder all 03 Fill available, kill remainder 05 Fill available, backorder remainder and ship when complete 06 Fill available, backorder remainder and ship as available	D	FillTermsCode	

Request detail (continued)

	Item detail	M	ItemDetail.	
10	<p>Expected unit price.</p> <p>Supplier's price identifier. Must be included if supplier has indicated (e.g. in a P&A response) that the product is available at various identified prices according to the terms and conditions of supply. If both price amount and price identifier are specified, the buyer must ensure they are consistent. The price identifier must match a price identifier specified in the current ONIX record for the same item.</p> <p>Proprietary price identifier scheme – use ONIX code list 217</p> <p>Proprietary scheme name</p> <p>Identifier value</p> <p>Price qualifier corresponding to the supplier's price identifier – use ONIX code list 59.</p> <p>Price amount. May be repeated for different currencies or price types. Must be included if no price identifier is included.</p> <p>Price amount</p> <p>Currency: ISO 4217 currency code</p> <p>Price type</p> <p>01 Suggested retail price including tax</p> <p>02 Suggested retail price excluding tax</p> <p>03 Net price (unit cost) including tax</p> <p>04 Net price (unit cost) excluding tax</p> <p>05 Fixed retail price including tax</p> <p>06 Fixed retail price excluding tax</p> <p>Expected terms – either a code or a percentage</p> <p>Discount code type – see ONIX code list 100</p> <p>Scheme name, only if scheme is proprietary</p> <p>BIC discount group code value</p> <p>Total % discount expected to apply to this order – decimal number between 0 and 100</p> <p>Shipping charge for line item, per unit – same structure as Header line 28.</p>	<p>D</p> <p>D</p> <p>M</p> <p>D</p> <p>M</p> <p>D</p> <p>D</p> <p>M</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p>	<p>Price</p> <p>PriceIdentifier</p> <p>PriceIDType</p> <p>IDTypeName</p> <p>IDValue</p> <p>PriceQualifier</p> <p>PriceAmount</p> <p>MonetaryAmount</p> <p>CurrencyCode</p> <p>PriceType</p> <p>DiscountCoded</p> <p>DiscountCodeType</p> <p>DiscountCodeTypeName</p> <p>DiscountCode</p> <p>DiscountPercent</p> <p>ShippingCharge</p>	R
11	Expected line total excluding tax – in preferred currency	D	LineTotalExcludingTax	
12	Expected line total including tax – in preferred currency	D	LineTotalIncludingTax	
13	% consumer discount to apply to line item – decimal number between 0 and 100	D	ConsumerDiscountPercent	
14	Coupon type (values 01 to 99 – see Header line 31) (repeatable)	D	CouponType	R
15	Gift wrap required (absence of this element means "gift wrap as specified in header", or, if no gift wrap was specified in the header, "no gift wrap"). Values 01 to 99 defined by trading partner agreement.	D	GiftWrapType	
16	<p>Gift message required for line item.</p> <p>Message type: code string values defined by trading partner agreement</p> <p>Message content (repeatable)</p>	<p>D</p> <p>M</p> <p>M</p>	<p>GiftMessage.</p> <p>GiftMessageType</p> <p>GiftMessageLine</p>	R
17	<p>Other message required for line item.</p> <p>Message type: code string values defined by trading partner agreement</p> <p>Message content (repeatable)</p>	<p>D</p> <p>M</p> <p>M</p>	<p>Message.</p> <p>MessageType</p> <p>MessageLine</p>	R
18	<p>Do not list on packing slip (sent when the line item refers to an insert). The only code value is:</p> <p>1 Do not list</p>	D	DoNotList	

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

```
<CDFOrderRequest version="2.0"
  xmlns="http://www.bic.org.uk/webservices/cdfOrderRequest">
  <Header>
    <AccountIdentifier>
      <AccountIDType>01</AccountIDType>
      <IDValue>12345</IDValue>
    </AccountIdentifier>
    <RequestNumber>001</RequestNumber>
    <OrderNumber>1012345</OrderNumber>
    <IssueDateTime>20191120T1525</IssueDateTime>
    <ShipToParty>
      <PartyName>Mr J. Smith</PartyName>
      <PostalAddress>
        <AddressLine>1 Nutberry Drive</AddressLine>
        <AddressLine>Newford</AddressLine>
        <AddressLine>XX1 2XX</AddressLine>
      </PostalAddress>
    </ShipToParty>
  </Header>
  <ItemDetail>
    <LineNumber>1</LineNumber>
    <ProductIdentifier>
      <ProductIDType>03</ProductIDType>
      <IDValue>9780123456789</IDValue>
    </ProductIdentifier>
    <OrderQuantity>1</OrderQuantity>
    <Price>
      <PriceAmount>
        <MonetaryAmount>9.99</MonetaryAmount>
        <PriceType>01</PriceType>
      </PriceAmount>
    </Price>
  </ItemDetail>
</CDFOrderRequest>
```

Example of a CDF Order Request JSON payload using the HTTPS protocol and the POST method:

```
{
  "CDFOrderRequest": {
    "version": "2.0",
    "xmlns": "http://www.bic.org.uk/webservices/cdfOrderRequest",
    "Header": {
      "AccountIdentifier": {
        "AccountIDType": "01",
        "IDValue": "12345"
      },
      "RequestNumber": "001",
      "OrderNumber": "1012345",
      "IssueDateTime": "20191120T1525",
      "ShipToParty": {
        "PartyName": "Mr J. Smith",
        "PostalAddress": {
          "AddressLine": [
            "1 Nutberry Drive",
            "Newford",
            "XX1 2XX"
          ]
        }
      }
    },
    "ItemDetail": [
      {
        "LineNumber": 1,
        "ProductIdentifier": [
          {
            "ProductIDType": "03",
            "IDValue": "9780123456789"
          }
        ],
        "OrderQuantity": 1,
        "Price": {
          "PriceAmount": [
            {
              "MonetaryAmount": 9.99,
              "PriceType": "01"
            }
          ]
        }
      }
    ]
  }
}
```

CDF ORDER RESPONSE

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

CDF order response Version 2.0	<CDFOrderResponse version="2.0"> { "CDFOrderResponse": { "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, ie letter T	M	IssueDateTime	
2	Sender (<i>BIC Realtime</i> web service host) Sender ID type - see ONIX code list 92 ID type name, only if ID type = proprietary Identifier	M M D D	SenderIdentifier. SenderIDType IDTypeName IDValue	
3	Identification number / string of this response	D	ResponseNumber	
4	Account identifier. Mandatory if included in request. 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 Account identifier for this request, using the specified scheme	D M M	AccountIdentifier. AccountIDType IDValue	
5	References: the order number must be quoted; the request number and/or date/time of request must be quoted if included in the request. Reference type 01 Number or date/time of associated request 11 Order number specified in the request 16 Contract reference 17 Promotion or deal reference 24 Order source location reference 25 CDF invoice reference 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
6	Response function – normally only sent if the same order request is repeated. 01 Response sent for the first time (default) 02 Duplicate response to a repeated order request ⁷	D	ResponsePurposeCode <i>Original</i> <i>Duplicate</i>	

⁷ Code value '02' in ResponsePurposeCode should only be returned if the CDF Order Request contains the same number of order lines, with the same product identifier, quantity and references in each order line. Otherwise the correct response is to return ResponseCode with code value '10' (duplicate order number – see Response header line 7).

Header (continued)

	Payload header	M	Header.	
7	<p>Response code, if there are exception conditions, in which case this composite terminates the response.</p> <p>Response type code. Suggested code values:</p> <p>01 Service unavailable</p> <p>02 Invalid ClientID or ClientPassword</p> <p>03 Server unable to process request – a reason should normally be given as a free text description – see below</p> <p>10 Duplicate order number</p> <p>16 Invalid or unknown account or supplier identifier</p> <p>19 Server unable to process request – unable to contact supplier</p> <p>20 Order request acknowledged – awaiting response from supplier</p> <p>Free text description / reason for response</p> <p>Language of description. Mandatory if included in the request. See request header line 9.</p> <p>Supplier identifier (only included if specified in the request header; mandatory if the response type code is '19' or '20').</p> <p>Supplier ID type - see ONIX code list 92</p> <p>ID type name, only if ID type = proprietary</p> <p>Identifier</p>	<p>D</p> <p>M</p> <p>D</p> <p>D</p> <p>D</p> <p>M</p> <p>D</p> <p>M</p>	<p>ResponseCoded.</p> <p>ResponseType</p> <p>ResponseTypeDescription</p> <p>DescriptionLanguageCode</p> <p>SupplierIdentifier.</p> <p>SupplierIDType</p> <p>IDTypeName</p> <p>IDValue</p>	R
8	Default currency of values given in the response. If omitted, 'GBP' is assumed.	D	CurrencyCode	
9	<p>Shipping detail (if supplier has more than one warehouse, the default warehouse location from which goods will be shipped; may be overridden at the item detail level – see response detail line 12)</p> <p>Location must contain at least one location identifier or one location name or both.</p> <p>Location identifier</p> <p>Location ID type</p> <p>01 Proprietary</p> <p>06 EAN-UCC GLN</p> <p>07 SAN</p> <p>Proprietary location ID type name</p> <p>Location ID value</p> <p>Location name</p>	<p>D</p> <p>M</p> <p>D</p> <p>M</p> <p>D</p> <p>M</p> <p>D</p>	<p>ShippingFrom.</p> <p>Location</p> <p>LocationIdentifier</p> <p>LocationIDType</p> <p>IDTypeName</p> <p>IDValue</p> <p>LocationName</p>	R
10	<p>Per-order shipping charge, if not (the same as) included in the CDF order request</p> <p>Shipping charge amount excluding tax if any</p> <p>Shipping charge tax</p> <p>Tax type – use ONIX code list 171. If omitted, tax type name must be included.</p> <p>Tax type name</p> <p>Tax rate code</p> <p>Tax rate percent</p> <p>Taxable amount of unit price (for mixed-rate items only)</p> <p>Tax amount</p>	<p>D</p> <p>M</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p>	<p>ShippingCharge.</p> <p>MonetaryAmount</p> <p>Tax.</p> <p>TaxType</p> <p>TaxTypeName</p> <p>TaxRateCode</p> <p>Percent</p> <p>AmountTaxable</p> <p>TaxAmount</p>	R
11	<p>Response type (mandatory)</p> <p>01 Response has no line item detail</p> <p>02 Response includes all order lines</p> <p>03 Response includes only lines which are not shipping immediately</p>	M	OrderResponseType	
12	<p>Order status – mandatory unless there is an exception condition.</p> <p>01 Order accepted – shipping</p> <p>02 Order accepted – all backordered</p> <p>03 Order accepted – see detail</p> <p>04 Order accepted but cannot be processed normally – see order status message</p> <p>05 Order not accepted – see detail</p> <p>06 Order accepted – awaiting shipping authorization</p>	D	OrderStatus	
13	Order status message. Mandatory if the order status is '04' or '06'.	D	OrderStatusMessage	

Response detail

	Responses for all items included in the order request. Mandatory unless the response type code indicates exception conditions.	D	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 Product form – see ONIX code list 7 Title, author etc. in a single string Title Author Series title: text Volume or part designation: text Edition statement: text Place of publication: text Country of publication: text Publisher: text Date of publication: YYYYMMDD Year of publication: YYYY Measurements / weight 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 Measurement value (decimal number) Measure unit 01 Centimetre 02 Millimetre 03 Inch 04 Gram 05 Kilogram 06 Ounce 07 Pound	D D D D D D D D D D D D D D D D D D D M M	ItemDescription ProductForm TitleDetail Title Author SeriesTitle VolumeOrPart EditionStatement CityOfPublication CountryOfPublication PublisherName DateOfPublication YearOfPublication Measure MeasureTypeCode Measurement MeasureUnitCode	R R
5	Quantity ordered	M	OrderQuantity	
6	Order line references If included, must contain a reference number or a reference date or both. Reference type 12 Buyer’s unique order line reference 16 Contract reference 17 Promotion or deal reference 18 End customer order reference 24 Order source location reference 26 CDF invoice line reference Reference number / string Reference date-time (for format options see Header line 6)	D M D D	ReferenceCoded ReferenceTypeCode ReferenceNumber ReferenceDateTime	R
7	Offered or confirmed unit price – see below for detailed description.	D	Price	
8	Line total excluding tax – in default currency.	D	LineTotalExcludingTax	
9	Line total including tax – in default currency.	D	LineTotalIncludingTax	

Response detail (continued)

	Responses for all items included in the order request	D	ItemDetail.	
10	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. Status code scheme 01 Sender's own scheme 02 Scheme maintained by EDItEUR Status code	M M M	OrderLineStatusCoded. StatusCodeType StatusCode	
11	Quantity in process for shipping now	D	QuantityShipping	
12	Shipping detail (used only if the shipment is from a location other than the default specified in the header) Location – must include at least one identifier, a name, or both Location identifier Location ID type 01 Proprietary 06 EAN-UCC GLN 07 SAN Proprietary ID type name Location ID value Location name	D M D M D M D	ShippingFrom. Location. LocationIdentifier LocationIDType IDTypeName IDValue LocationName	R
13	Quantity backordered	D	BackorderedQuantity	
14	Quantity cancelled	D	CancelledQuantity	
15	Item link to packaging list (repeatable) Quantity Package number in list	D D M	PackageReference PackedQuantity PackageNumber	R
16	Product availability status. Mandatory unless the order line is shipping now. 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. 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. Availability date for the ordered product (YYYYMMDD) – mandatory with certain publisher product availability code values. Publishing status code value – use ONIX code list 64 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. Expected order time for a non-stock item – in days	D M D D D D D	AvailabilityCoded SupplierAvailabilityCode PublisherAvailabilityCode ExpectedShipDate PublishingStatusCode ConsumerOnSaleDate OrderTime	

Response detail (continued)

	Responses for all items included in the order request	D	ItemDetail.	
17	Stock detail – repeated if stock levels are reported for more than one location. Location – must include at least one identifier, a name, or both Location identifier Location ID type 01 Proprietary 06 EAN-UCC GLN 07 SAN Proprietary location ID type name Location ID value Location name Quantity on hand Quantity on order Committed backorder quantity Stock movement rate / velocity – repeated for different measures of stock movement Velocity type code 01 Maximum daily sale 02 Vendor rating Velocity value	D D D M D M D D D D D M M	Stock. Location. LocationIdentifier LocationIDType IDTypeName IDValue LocationName OnHandQuantity OnOrderQuantity CBOQuantity Velocity VelocityCode VelocityValue	R R R
18	Substitute product details (for further description see corresponding details for the ordered product). EAN-13 product number Alternative product identifier	D D D	Substitute. EAN13 ProductIdentifier.	R

Offered or confirmed unit price

	Offered or confirmed unit price	D	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. Proprietary price identifier scheme – use ONIX code list 217 Proprietary scheme name Identifier value	D M D M	PricelIdentifier PricelDType IDTypeName 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 Type of constraint – use ONIX code list 230. Status of constraint – use ONIX code list 146. Limit of constraint Limiting quantity Quantity unit – use ONIX code list 147.	D M M D M M	PriceConstraint PriceConstraintType PriceConstraintStatus PriceConstraintLimit Quantity PriceConstraintUnit	R R

Offered or confirmed unit price (continued)

	Offered or confirmed unit price	D	ItemDetail.Price.	
5	For digital items, the licensing terms applicable as a condition of sale at the supplier's identified price. License name License expression Expression type – use ONIX code list 218. Expression type name URI of license expression	D M D M D M	EpubLicense EpubLicenseName EpubLicenseExpression EpubLicenseExpressionType EpubLicenseExpressionTypeName EpubLicenseExpressionLink	R
6	Textual description of the price, its conditions and constraints, for display purposes.	D	PriceTypeDescription	
7	Language of description. Mandatory if included in the request. See request header line 9.	D	DescriptionLanguageCode	
8	Further conditions applicable to the supplier's identified price. Type of condition – use ONIX code list 167. Quantity associated with condition Type of quantity – use ONIX code list 168. Quantity Quantity unit – use ONIX code list 169.	D M D M M M	PriceCondition PriceConditionType PriceConditionQuantity PriceConditionQuantityType Quantity QuantityUnit	R R
9	Price amount. May be repeated for different currencies or price types. Must be included if no price identifier is included. Price amount Currency: ISO 4217 currency code Price type – use ONIX code list 59. Tax details. May be included only if the price amount is inclusive of any tax. May be repeated for split-rate items only. Product identifier. Included only for split-rate items when trading terms require identification of the item(s) to which this rate applies. Product ID type – see ONIX code list 5 ID type name, only if proprietary Product number Tax component description Language of description. Mandatory if included in the request. See request header line 9. Tax type – see ONIX code list 171 Tax rate code – see ONIX code list 62 Tax rate: percentage. Mandatory if either the taxable amount is specified or the tax amount isn't specified Taxable amount. Mandatory if the tax rate is specified or the tax amount isn't specified. Tax amount. Mandatory if no tax rate or taxable amount is specified.	D D D D D D M D M D D M D D D D D D D	PriceAmount MonetaryAmount CurrencyCode PriceType Tax ProductIdentifier ProductIDType IDTypeName IDValue PricePartDescription DescriptionLanguageCode TaxType TaxRateCode TaxRatePercent TaxableAmount TaxAmount	R R R
8	Total % discount expected to apply to this price – decimal number between 0 and 100 Discount code from a specified scheme Discount code scheme – see ONIX code list 100 Scheme name, only if scheme is proprietary Discount code value from the specified scheme	D D M D M	DiscountPercent DiscountCoded DiscountCodeType DiscountCodeTypeName DiscountCode	R

Offered or confirmed unit price (continued)

	Offered or confirmed unit price	D	ItemDetail.Price.	
9	Per-item shipping charge, if not (the same as) included in the CDF order request	D	ShippingCharge.	R
	Shipping charge amount excluding tax if any	M	MonetaryAmount	
	Shipping charge tax	D	Tax.	
	Tax type – use ONIX code list 171. If omitted, tax type name must be included.	D	TaxType	
	Tax type name	D	TaxTypeName	
	Tax rate code	D	TaxRateCode	
	Tax rate percent	D	TaxRatePercent	
	Taxable amount of unit price (for mixed-rate items only)	D	AmountTaxable	
	Tax amount		TaxAmount	

Packaging Detail

	Element	D	CDFOrderResponse.PackageDetail.	R
1	Package type	M	PackageTypeCoded	
	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	PackageTypeCodeType	
	Package type code	M	PackageTypeCode	
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	M	PackageMarkTypeCode	
	01 SSCC-18 standard			
	02 Carrier's proprietary number			
	Package mark value	M	PackageMarkValue	
	Measurements / weight	D	Measure.	
	Measure type	M	MeasureTypeCode	
	01 Height (of cover of book)			
	02 Width (of cover of book)			
	03 Thickness (of spine of book)			
	04 Total weight of delivered line			
	Measurement value (decimal number)	M	Measurement	
	Measure unit	M	MeasureUnitCode	
	01 Centimetre			
	02 Millimetre			
	03 Inch			
	04 Gram			
	05 Kilogram			
	06 Ounce			
	07 Pound			

Example of a CDF Order Response XML payload using either the SOAP or the HTTPS protocol and the POST method:

```
<CDFOrderResponse version="2.0"
  xmlns="http://www.bic.org.uk/webservices/cdfOrderRequest">
  <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>
    <ReferenceCoded>
      <ReferenceTypeCode>11</ReferenceTypeCode>
      <ReferenceNumber>1012345</ReferenceNumber>
    </ReferenceCoded>
    <OrderResponseType>02</OrderResponseType>
    <OrderStatus>01</OrderStatus>
  </Header>
  <ItemDetail>
    <LineNumber>1</LineNumber>
    <ProductIdentifier>
      <ProductIDType>03</ProductIDType>
      <IDValue>9780123456789</IDValue>
    </ProductIdentifier>
    <OrderQuantity>1</OrderQuantity>
    <ReferenceCoded>
      <ReferenceTypeCode>12</ReferenceTypeCode>
      <ReferenceNumber>1</ReferenceNumber>
    </ReferenceCoded>
    <Price>
      <PriceAmount>
        <MonetaryAmount>9.99</MonetaryAmount>
        <PriceType>01</PriceType>
      </PriceAmount>
    </Price>
    <OrderLineStatusCoded>
      <StatusCodeType>02</StatusCodeType>
      <StatusCode>AcceptedShipping</StatusCode>
    </OrderLineStatusCoded>
    <QuantityShipping>1</QuantityShipping>
  </ItemDetail>
</CDFOrderResponse>
```

Example of a CDF Order Response JSON payload using the HTTPS protocol and the POST method:

```
{
  "CDFOrderResponse": {
    "version": "2.0",
    "xmlns": "http://www.bic.org.uk/webservices/cdfOrderRequest",
    "Header": {
      "IssueDateTime": "20191120T1526",
      "SenderIdentifier": {
        "SenderIDType": "01",
        "IDValue": "XYZ"
      },
      "AccountIdentifier": {
        "AccountIDType": "01",
        "IDValue": "12345"
      },
      "ReferenceCoded": [
        {
          "ReferenceTypeCode": "01",
          "ReferenceNumber": "001",
          "ReferenceDateTime": "20191120T152500"
        },
        {
          "ReferenceTypeCode": "11",
          "ReferenceNumber": "1012345"
        }
      ],
      "OrderResponseType": "02",
      "OrderStatus": "01"
    },
    "ItemDetail": [
      {
        "LineNumber": 1,
        "ProductIdentifier": [
          {
            "ProductIDType": "03",
            "IDValue": "9780123456789"
          }
        ],
        "OrderQuantity": 1,
        "ReferenceCoded": [
          {
            "ReferenceTypeCode": "12",
            "ReferenceNumber": 1
          }
        ],
        "Price": {
          "PriceAmount": [
            {
              "MonetaryAmount": 9.99,
              "PriceType": "01"
            }
          ]
        },
        "OrderLineStatusCoded": {
          "StatusCodeType": "02",
          "StatusCode": "AcceptedShipping"
        },
        "QuantityShipping": 1
      }
    ]
  }
}
```


Table 1: EDItEUR order line status codes

Used in OrderLineStatusCoded.StatusCode (page 19, 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	<i>AcceptedBackordered</i>	Order line accepted as backorder ("due") (Order Response only)
2	<i>AcceptedPartShippingPartBackordered</i>	Order line accepted, part in process for immediate shipping, part backordered (Order Response only)
3	<i>AcceptedPartShippingPartCanceled</i>	Order line accepted, part in process for immediate shipping, part canceled (Order Response only)
4	<i>AcceptedShipping</i>	Order line accepted, all in process for immediate shipping (Order Response only)
5	<i>AlreadyShipped</i>	Order line already shipped or in process for shipping
6	<i>BackorderedAwaitingMinimumOrder</i>	Backordered until minimum order value is reached
7	<i>BackorderedAwaitingReceipt</i>	Backordered and has been despatched from our supplier, awaiting receipt
8	<i>BackorderedAwaitingSupply</i>	Backordered – awaiting supply
9	<i>BackorderedChasingSupplier</i>	Order line has been chased to our supplier
10	<i>BackorderedDateChange</i>	Backordered, note change to expected availability date
11	<i>BackorderedOnOrderFromOverseas</i>	Backordered – has been ordered from overseas supplier
12	<i>BackorderedPriceChange</i>	Backordered, note price change
13	<i>BackorderedTitleChange</i>	Backordered, note title change (NYP only)
14	<i>BackorderedStockTaking*</i>	Backordered – currently unavailable due to stock taking
15	<i>CanceledByBuyer</i>	Order line canceled at buyer's request
16	<i>CanceledCannotSupply</i>	Order line canceled, item cannot be supplied (eg OP)
17	<i>CanceledDiscountQuery</i>	Discount query: order line cancelled
18	<i>CanceledDuplicateOrder</i>	Order appears to be a duplicate: order line cancelled
19	<i>CanceledInvalid</i>	Ordered item cannot be recognized
20	<i>CanceledMinimumOrderReq</i>	Minimum order value required: order line canceled
21	<i>CanceledOutOfTime</i>	Order line canceled, past cancellation date
22	<i>CanceledPriceQuery</i>	Price query: order line cancelled
23	<i>CanceledPromotionInvalid</i>	Promotional deal invalid or expired: order line cancelled
24	<i>CanceledSubstOffered</i>	Order line canceled, substitute product is offered for separate order
25	<i>CanceledTryOtherLocation</i>	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	<i>CanceledUnknown*</i>	Order line canceled – unknown product or source of supply
27	<i>CanceledRightsRestricted*</i>	Order line cancelled –cannot supply to customer due to rights restrictions
28	<i>CanceledCannotShipByRequestedDate*</i>	Order line canceled – cannot ship by requested "ship by" date
29	<i>CanceledSold*</i>	Order line canceled – second-hand or antiquarian item already sold
30	<i>CanceledStockTaking*</i>	Order line canceled – currently unavailable due to stock taking
31	<i>HeldAccountStopped</i>	Buyer's account is temporarily stopped: product availability is reported as usual, but order will not be released until account is cleared
32	<i>HeldAwaitingBuyerInstruction</i>	Awaiting instruction from buyer: order line held
33	<i>HeldDiscountQuery</i>	Discount query: order line held awaiting customer response
34	<i>HeldFirmOrderRequired</i>	Can only be supplied against firm order: order line held awaiting customer response
35	<i>HeldMinimumOrderReq</i>	Minimum order value required: order line held
36	<i>HeldPriceQuery</i>	Price query: order line held awaiting customer response, usually because difference between order price and actual price exceeds agreed tolerance
37	<i>HeldPromotionInvalid</i>	Promotional deal invalid or expired: order line held awaiting customer response
38	<i>HeldStockTaking*</i>	Order line held – currently unavailable due to stock taking
39	<i>NotFound</i>	Order line not traced

Table 1: EDItEUR order line status codes (continued)

No	Value	Description
40	<i>NotOnBackorderFile</i>	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	<i>Processing</i>	Ordered item(s) being processed by bookseller
42	<i>ProcessingAwaitingBuyerInstruction</i>	Ordered item(s) being processed by bookseller, awaiting buyer instruction
43	<i>ReorderedSuppliedDamaged</i>	Our supplier sent damaged item(s): reordered
44	<i>ReorderedSuppliedImperfect</i>	Our supplier sent imperfect item(s): reordered
45	<i>ReorderedSuppliedShort</i>	Our supplier sent short: reordered
46	<i>ReorderedSupplierCannotTrace</i>	Our supplier cannot trace order: reordered
47	<i>ReorderedWrongItemSupplied</i>	Our supplier sent wrong item(s): reordered
48	<i>SubstBackordered</i>	Substitute product backordered
49	<i>SubstPartShippingPartBackordered</i>	Substitute product part in process for immediate shipping, part backordered
50	<i>SubstPartShippingPartCanceled</i>	Substitute product part in process for immediate shipping, part canceled
51	<i>SubstShipping</i>	Substitute product in process for immediate shipping
52	<i>TemporaryHold</i>	Order action not yet determined
53	<i>HeldAdditionalServiceQuery</i>	Order line held pending resolution of a query concerning an additional service requested for that order line
54	<i>CanceledAdditionalServiceQuery</i>	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	<i>AwaitingAuthorizationToShip</i>	NOTE – BIC Realtime web service code value not yet in EDItEUR code list

Table 2: Supplier item availability codes

Used in SupplierAvailabilityCode (page 19 line 16).

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