



# ONIX for Price Catalog Format Overview

## Version 1.1.1

September 2012, with minor corrections and updates to the documentation, June 2014

EDItEUR invites comments on this specification and the associated XML schema. Please send comments or suggestions for improvement to [info@editeur.org](mailto:info@editeur.org).

### ONIX-PC Version 1.1.1, revision notes

Version 1.1.1 of ONIX-PC remains functionally equivalent to version 1.1. No structural changes have been made but several clarifications have been added to this version of the Overview, particularly in Section 1 regarding business cases, and in Section 7 regarding the structure of prices.

The XML schema is presented slightly differently for version 1.1.1, but again without any substantive change. To make available the widest range of descriptions, the entire ONIX Coverage Statement is now included in the XML schema, whereas previous versions used a selective subset of the elements from the full Statement. This does not affect the tabular description in this Overview document.

In May 2014, corrections and updates to the documentation were made:

In the introductory narrative,

- A diagram of the data structure has been added to Section 3.
- The explanation of the use of the <PriceTier> composite has been corrected and amplified.
- The use of the empty element <PostCancellationAccess/> is clarified.

In the structure tables following the introduction,

- Permissible formats for <SentDateTime> are specified.
- It is clarified that <RegionDefinition> may not contain spaces.
- It is clarified that <SubscriptionProductIdentifier><IDValue> must be unique.
- The description of <CatalogPrice> has been corrected with regard to the use of <PriceTier>.

In addition, a number of representative sample files have been made available on the EDItEUR website.

## ONIX-PC Version 1.1 revision notes

This version of ONIX-PC (ONIX for Price Catalog) is functionally equivalent to the earlier ICEDIS Publishers Price List message Version 1.1. The root element of the message has been changed to <ONIXPriceCatalog> and similar editorial changes have been made elsewhere in the text of this document. Otherwise the message structure is unchanged.

The changes described below represent enhancements introduced since version 1.0 of the ICEDIS message was published in June 2009 and are retained here for completeness.

The following enhancements were made in Version 1.1 to accommodate e-books, online databases and packages containing e-books and online databases, sold on a subscription basis, as well as post-cancellation access to subscription products:

- The term “serial version” is changed to “product component” throughout as appropriate.
- Element names are changed to avoid the use of the term “serial”; e.g. ...SerialVersion ... becomes ...ProductComponent...; SerialWork becomes Work.
- The term “version” is changed to “component” as appropriate.
- A <PostCancellationAccess/> “empty element” is added within <SubscriptionPeriodCoverage> and <PackageDetail>.

Specifically regarding the renaming of data elements, the following names are now preferred:

- <ProductComponent> instead of <SerialVersion>
- <ProductComponentIdentifier> instead of <SerialVersionIdentifier>
- <ProductComponentIDType> instead of <SerialVersionIDType>
- <ProductComponentName> instead of <SerialVersionName>
- <Work> instead of <SerialWork>
- <WorkIdentifier> instead of <SerialWorkIdentifier>
- <ProductComponentForm> instead of <SerialVersionForm>
- <PhysicalComponentScope> instead of <PhysicalVersionScope>
- <OnlineComponentScope> instead of <OnlineVersionScope>.

Changes have also been made to better support communication of “tiered pricing” arrangements, whereby a price is determined by some measure of the customer’s size or usage:

- An optional <PriceTier> composite has been introduced into <CatalogPrice>.
- In turn, <PriceTier> contains the following child elements: <PriceTierUnit> and associated code values to describe the unit of measurement; <PriceTierFromValue> and <PriceTierToValue> to specify the lower and upper bounds of the tier, respectively.

Finally, Version 1.1 of the message includes a more complete implementation of the ONIX for Serials Coverage Statement, allowing in particular for the inclusion of one or more repeats of the <Sequence> and/or the <Release> composites.

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EDItEUR is the international group that coordinates the development and promotion of standards for electronic commerce in the books and serials sectors.

## 1. Introduction

The ONIX for Price Catalog format (ONIX-PC) is used for transmitting a list of subscription products offered by a publisher, online publisher, content hosting service, or any other party that sells subscriptions, including price information. Recipients are most likely to be subscription agencies, fulfillment houses, and online publishers.

This message can convey price list information for subscription products consisting of a single component, for packages containing multiple components, or for combinations of print and online versions. It can transmit prices based on a variety of pricing models. The message can identify products that have been deleted from a publisher's price list because they have ceased publication or that have been transferred to another publisher. Products new to a publisher's list can be identified as transferred from another publisher (see Section 8).

Business cases might include the following:

- A publisher sends its complete price list to one or more subscription agents for loading into their price catalogs.
- A publisher sends *updates* to its price list as a broadcast message to one or more subscription agents.
- A fulfillment service sends its price list to a subscription agent who orders magazines through the fulfillment service.
- A publisher sends its price list to a fulfillment service for loading into its price catalog.

## 2. Related Documents

The formal definition of the ONIX-PC format is given in an XML schema and associated code lists, provided as a zipped file [here](#). From version 1.1.1, the zipped package also includes the full XML schema for the ONIX Coverage Statement, rather than the subset of elements included in earlier versions. HTML documentation derived from the schema is also available [here](#).

Permissible values for coded elements are found in [ONIX Serials Code Lists](#).

The ONIX for Serials Coverage Statement is documented in [ONIX for Serials: Coverage Statement](#).

Sample files illustrating several representative cases are available [here](#).

## 3. Structure of ONIX-PC: subscription products and product components

The basic structural unit in ONIX-PC is the *subscription product*, that is, a group of one or more serial versions, e-books and/or databases that are sold as a single subscription. For example, a subscription product might consist of any of the following components:

- A single serial version (e.g. the print version of a journal)
- A print + online combination (the print version plus the online version of a journal)
- A package consisting of print and/or online versions of multiple journals
- A hosted collection of a large number of online journals
- An e-book or database sold on a subscription basis (e.g., for an annual fee)

- A package or collection containing journals, e-books, online databases and/or print resources, sold on a subscription basis.

The basic structure of ONIX-PC can be summarized as follows:

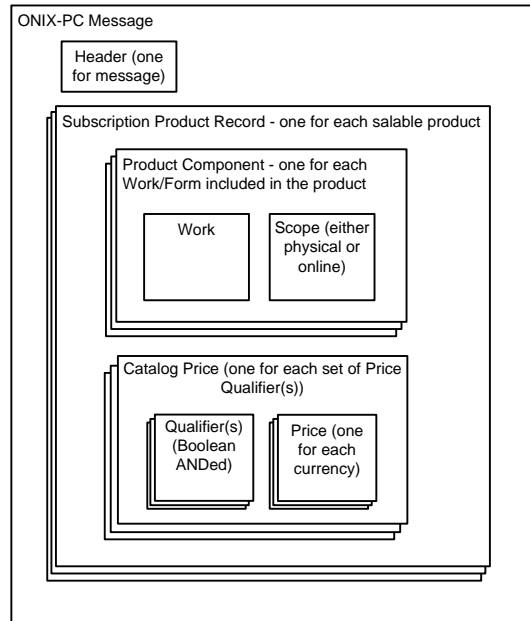
A **header**, including details of:

- The message sender
- The message recipient (if the message is not a broadcast message)
- Message number and date/time stamp for message tracking purposes
- Various defaults that are assumed unless explicitly overridden within the message

One or more **subscription products**, each of which contains:

- Product-level metadata
- Details of each **component** in the product (metadata and scope information)
- Price information for the whole subscription product

For those who prefer a more graphic representation, the following diagram of the data structure may be helpful:



#### 4. About post-cancellation access

Some online resources are sold on a subscription basis, with access entitlements to the material maintained even after the subscription has expired or been cancelled. This is often referred to as “post-cancellation access”. Post-cancellation access is indicated with a <PostCancellationAccess/> “empty element” found within <SubscriptionPeriodCoverage> and <PackageDetail>.

If post-cancellation access is granted for the material released during the subscription period, this empty element will appear within <SubscriptionPeriodCoverage>. If post-cancellation access is granted for all the material made accessible during the subscription period, this empty element will appear within <PackageDetail>.

If a subscription product is available for different prices depending on whether post-cancellation access is included, these are considered separate products. The <PostCancellationAccess/> empty element should be included where appropriate, and a free-text note should be included in <SubscriptionProductDescription> to distinguish the two products in a display to users.

## 5. About physical component scopes

Physical product components (e.g., print, CD-ROM) carry a <PhysicalComponentScope> composite, which may be repeated for different subscription periods, that describes the number of issues per year and the enumeration and chronology of the issues that are to be released in a particular subscription period. This is relevant only when the component is a serial version, as opposed to an e-book.

## 6. About online product components and online component scopes

Online product components (e.g. online journals available via a hosting service) carry an <OnlineComponentScope>, which includes

(a) if the component is an ongoing serial, the enumeration and chronology of the issues that are to be released in a particular subscription period, similar to the information found in <PhysicalComponentScope> for physical product components.

(b) additional information specific to the online content:

- The website(s) where the online content is accessible
- The complete online coverage included in a subscription, including years earlier than the subscription period.

Some subscription products consist only of backfiles; that is, content that was released during a specific period of time in the past. For these products, where no new content is released, <SubscriptionPeriodCoverage> is omitted from <OnlinePackage>. However, <Coverage> should be included in <PackageDetail>, to indicate what content is included in the subscription.

## 7. About prices

The <CatalogPrice> composite lists a publisher's or agent's prices for a subscription product.

The <CatalogPrice> composite contains four child elements:

1. <PriceQualifier>
2. <PriceTier>
3. <TotalPrice>
4. A <PriceNote> for further free-text explanation.

### 7.1 Price qualifiers

Price qualifiers specify the criteria to which a price applies; for example,

- Type of Subscriber (such as person, institution, or member);
- Subscription Period;
- Countries or regions where the price applies.

If there are multiple qualifiers describing a price; for example, subscriber type and countries where applicable, then <PriceQualifier> is repeated. When there are different prices based on different sets of price qualifiers for a subscription product, then the entire <CatalogPrice> composite is repeated.

Within an instance of <CatalogPrice>, if multiple qualifiers are necessary to describe a specific price, these are Boolean ANDed (see examples below).

This also means that it is possible to have two Catalog Prices with the same price amount, if two sets of qualifiers describe the same price. For example, if the same price is valid for two separate subscriber types, this price will appear as two separate <CatalogPrice> composites, even if the actual price is the same, since a subscriber could not be both one subscriber type AND the other.

Each <PriceQualifier> consists of two mandatory child elements: <PriceQualifierType> and <PriceQualifierValue>. Some price qualifier types are associated with free-text or non-coded values (for example, 02, Moveable subscription term), and some are associated with coded lists of possible values found in code list 137: for example, price qualifier 04 (Subscriber type) must carry a price qualifier value found in code list 137A, which includes a comprehensive list of subscriber types, such as student, hospital, government agency or museum.

Senders who find that code list 137 does not adequately cover their price qualifier values should please contact EDItEUR so that the values may be added to the controlled list.

For example, consider a subscription product in a publisher's price catalog that has separate prices for the following:

1. Personal subscription anywhere
2. Non-profit institutional subscription in the US
3. Non-profit institutional subscription for all other countries

The <SubscriptionProduct> would carry three <CatalogPrice> composites, one for each of the above prices. The first would have one qualifier: Subscriber type (personal). The second price would have two qualifiers: "Subscriber type" (institutional, not-for-profit) and "Countries where

applicable" (US). The third price would also have two qualifiers: "Subscriber type" (institutional, not-for-profit) and "Countries excluded" (US).

Price Regions. Some subscriptions are priced depending on the region where the product is purchased; e.g. North America, South America, Europe. Since such regions may be defined differently by different senders, and since no commonly accepted standard for regions exists, senders who wish to use regions rather than country lists must define their regions in the Header, in the RegionDefinition composite. Subsequently, these regions may be used with the price qualifier types "Region(s) where applicable" and "Region(s) excluded."

A subscription product may contain catalog prices qualified by price regions or country lists or neither of them, but both price regions and country lists should not appear in the prices for the same subscription product.

## 7.2 Tiered prices.

From version 1.1, the message offers enhanced mechanisms for structured communication of tiered pricing arrangements, which are now widely encountered in the subscriptions market. In these arrangements, prices are determined by some measure of the "size" of the customer organization and thus, into which publisher price tier the organization falls.

An optional <PriceTier> composite has been introduced into the <CatalogPrice> composite. In turn, <PriceTier> contains the following child elements: <PriceTierUnit> and associated code values to describe the unit of measurement; <PriceTierFromValue> and <PriceTierToValue> to specify the lower and upper bounds of the tier, respectively.

The PriceTier composite only appears if there is a Price qualifier with Price qualifier type of 16 (Price tier, structured description), and a Price qualifier value of "Structured description." This is also explained in [ONIX Serials Code Lists](#), list 136.

The Price qualifier type 07 (Price tier description) may be used when the price tier is described in free text. The accompanying Price qualifier value is a free text string.

## 7.3 Total Price and Price components

The <TotalPrice> composite contains the price in a specific currency, repeated if a price is given in multiple currencies. The <TotalPrice> composite contains the currency code and various price components. The optional <Rate> element within <PriceComponent> allows a price component to be expressed as a percentage as well as, or instead of, an amount.

For each Catalog Price, the <TotalPrice> composite is repeated once for each currency in which it may be paid. <TotalPrice> consists of several Price Components. Each is identified using a code from code list 112:

- 01 is the total price to be remitted by the recipient, with all discounts and extra charges applied. In the case of a publisher's price list sent to a subscription agent, this would be the "agent's price" after any discount has been taken and any other charges have been added.
- 02 is the base or "list" price as paid by the end customer. This is the price that the recipient, usually an agent, displays in its price catalog.

- 03, service charge, is not expected to be used in the ONIX-PC message, but it is included for those cases where the sender expects the recipient to pay a service charge.
- 04, shipping charge, is added to the base price, when the shipping charge is not included in the base price.
- 05, tax, is added to the base price when the recipient is expected to include tax to the sender.
- 06, discount to message recipient, is subtracted from the base price
- 07, handling charge, is added to the base price, when it is an extra charge to the end customer.

All price components are expressed either as positive numbers (in the <PriceAmount> element) or as a percent (in the <Rate> element). Rates are always applied to the base price.

There is a certain amount of redundancy built into this scheme, to allow senders to express prices in a manner that is convenient for them. Price Component 02 should always be included, as should any extra charges that are billed to the end customer. In the end the total price (01) will equal  $02 + 03 + 04 + 05 + 07 - 06$ .

## 8. About notification types, cessations and transfers – best practices

Each <SubscriptionProduct> includes a Notification Type with one of the following values:

- New: the product is new to the sender's price list
- Delete: the product was previously in the sender's price list and is to be deleted from it
- Update: the product record is to replace a previously sent product record in the sender's price list
- Unspecified: it is strongly recommended that this notification type *not* be used. If it is used the recipient will assume that the product record is either New or Updated.

In the case of Deletes and Updates, the match point is the <SubscriptionProductIdentifier>, most likely the sender's product identifier (often known as the product code). Therefore any <SubscriptionProductIdentifier><IDValue> must be unique.

The Notification Type is followed by an optional coded Reason for Notification Type, which further clarifies the intent of the notification. Even further clarification can be expressed in the optional free-text NotificationTypeNote; for example, if the <ReasonForNotificationType> is "Product new to this publisher; transferred from another publisher," this note could be used to identify the previous publisher.

The table on the following page gives guidelines for handling a variety of situations (the coded value is given for each ReasonForNotificationType).

Note that since the element <ReasonForNotificationType> is itself optional, then simply omitting this element is the most straightforward way to convey a "business as usual" scenario in which the product, publisher, etc. are unchanged from the previous subscription period.



ONIX for Price Catalog

Situation	Notification Type	ReasonForNotificationType (serials codelist 183)	Comments
Product is an entirely new publication or combination	New	01 New product	
Product has been transferred <i>to</i> the party sending the message	New	02 Product new to this publisher; transferred from another publisher	Presumably the previous publisher will send a "Delete" notification.
Product is available in a new format (e.g. print + online now sold separately)	New	03 Product available in a new format	Each new format is sent as a separate "New" transaction. If the previous format(s) are discontinued, a delete transaction is sent for each previous product.
Product has ceased publication	Delete	04 Publication ceased	
Product has been transferred <i>from</i> the party sending the message	Delete	05 Product no longer available from this publisher, transferred to another publisher	Presumably the new publisher will send a "new" notification.
A combination product is no longer available.	Delete	06 Combination no longer available	In this case a new product record might also be sent, if the discontinued combination has been replaced by another.
Product is no longer available in its previous format (e.g. print + online is no longer available)	Delete	07 Product no longer available in this format	
Publication is merged into another publication (e.g. a journal is merged into another)	Delete	08 Publication merged into another	The original product is deleted, and the merged one sent as either a new or updated product record.
Combination is no longer available, and the components have been merged into another product.	Delete	09 Product no longer available, components merged into another product	The original product is deleted, and the merged combination sent as either a new or updated product record.
Publication is split into two or more new publications.	Delete	10 Product no longer available; publication split into others	The previous publication is deleted, and the new ones sent as new products.
Content of a combination product has changed; e.g. package has new or different components (2 options)	Update	11 Components of product have changed	An update transaction is sent for the product, showing the new components.

**Overview of the structure of ONIX-PC**

The tables on the following pages give an overview of the ONIX-PC format, and show how elements are nested. For elements that contain coded values, please refer to [ONIX Serials Code Lists](#).

Where data elements were renamed from version 1.1 and subsequently, the v. 1.1 equivalents are found in *italics* beneath the original name. Use of the new names is recommended, but either is acceptable. They should not, however, be mixed.

Cardinality is indicated in the right-hand column for each element: 1 = Mandatory, not repeatable within its parent. 0-1 = Optional, not repeatable within its parent. 1-n = Mandatory, repeatable within its parent. 0-n = Optional, repeatable within its parent.

1	<ONIXPriceCatalog version="1.1.1" xmlns="http://www.editeur.org/onix/serials/SPS">	A list of serial products with prices	1
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2	<b>&lt;Header&gt;</b>		<b>Message header</b>	1	
3	<b>&lt;Sender&gt;</b>		The sender of the message (either identifier or name or both must be present)	1	
4		<b>&lt;SenderIdentifier&gt;</b>	A coded identifier of the message sender, eg a SAN or GLN. Repeatable if multiple identifiers are sent.	0-n	
5		<b>&lt;SenderIDType&gt;</b>	A code indicating the scheme from which the identifier is taken. See code list 44A for permissible values.	1	
6		<b>&lt;IDTypeName&gt;</b>	The name of a proprietary scheme, if applicable	0-1	
7		<b>&lt;IDValue&gt;</b>	The identifier value	1	
8		<b>&lt;SenderName&gt;</b>	The name of the sender organisation	0-1	
9		<b>&lt;SenderContact&gt;</b>	The name of a contact person in the sender organisation	0-1	
10		<b>&lt;SenderEmail&gt;</b>	An email address for the sender	0-1	
11		<b>&lt;Addressee&gt;</b>		The addressee of the message (omitted in "broadcast" messages). Repeatable for multiple addressees (either identifier or name or both must be present).	0-n
12			<b>&lt;AddresseeIdentifier&gt;</b>	A coded identifier of the message addressee. Repeatable if multiple identifiers are sent.	0-n
13	<b>&lt;AddresseeIDType&gt;</b>		A code indicating the scheme from which the identifier is taken. See code list 44A for permissible values.	1	
14	<b>&lt;IDTypeName&gt;</b>		The name of a proprietary scheme, if applicable	0-1	
15	<b>&lt;IDValue&gt;</b>		The identifier value	1	
16	<b>&lt;AddresseeName&gt;</b>		The name of the addressee organisation	0-1	
17	<b>&lt;AddresseeContact&gt;</b>		The name of a contact person in the addressee organisation	0-1	
18	<b>&lt;AddresseeEmail&gt;</b>	An email address for the addressee	0-1		
19	<b>&lt;MessageNumber&gt;</b>		Message sequence number	0-1	
20	<b>&lt;MessageRepeat&gt;</b>		A number which distinguishes any repeat transmissions of a message	0-1	

ONIX for Price Catalog

21	<SentDateTime>			The date and time, when a message was sent, in one of the following forms: YYYYMMDDTHHMMSSZ (universal time) YYYYMMDDTHHMM±HHMMSS (time zone) where "T" and "Z" are constants; that is, the letters T and Z. The recommended form is YYYYMMDDTHHMMZ, using universal time (UTC/GMT).	1
22	<MessageNote>			A free-text note about the contents of the message.	0-1
23	<DefaultCurrency Code>			The currency of prices listed in the message, unless otherwise specified. (use ISO 4217 currency codes, see code list 96 for permissible values)	0-1
24	<DefaultPublisher>			The publisher whose subscription products are listed in the message (when the message applies wholly or mainly to a single publisher). Either <PublisherIdentifier> or <PublisherName> must be present.	0-1
25		<PublishingRole>		A code indicating a role played in the publishing process. See code list 45C for permissible values.	1
26		<PublisherIdentifier>		A coded identifier of the publisher. Repeatable for multiple identifiers.	0-n
27			<PublisherIDType>	A code indicating the scheme from which the identifier is taken. See code list 44D for permissible values.	1
28			<IDTypeName>	The name of a proprietary scheme, if applicable	0-1
29			<IDValue>	The identifier value	1
30		<PublisherName>		The name of the publisher	0-1
31	<Subscription PeriodDefinition>			A period for which prices and/or coverage details are given in the message: repeatable if a message includes prices or coverage for multiple periods. All subscription periods used in the message must be defined in the <SubscriptionPeriodDefinition>. Must contain <SubscriptionPeriodLabel>. Must also contain <i>either</i> <StartDate> and <EndDate> <i>or</i> <AnytimeStart/>, but not both.	1-n
32		<SubscriptionPeriod Label>		An arbitrary label assigned to a subscription period by the sender and used to refer to the subscription period in the body of the message	1
33		<StartDate>		The date on which the subscription period starts: YYYYMMDD	0-1
34		<EndDate>		The date on which the subscription period ends: YYYYMMDD	0-1
35		<AnytimeStart/>		An "empty element" indicating a subscription period with no predefined start or end date. If present, neither <StartDate> nor <EndDate> is present.	0-1
36	<Region Definition>			A region defined by the sender. Repeatable if a message includes multiple regions. Must include both <RegionLabel> and <CountriesInRegion>.	0-n
37		<RegionLabel>		An arbitrary label assigned to a region by the sender and used to refer to regions in the body of the message. <RegionLabel> may not contain spaces	1
38		<CountriesInRegion>		A list of countries that belong to the region. Use 2-letter ISO 3166-1 codes (see code list 91) separated by a space.	1
39	<CompleteFile/>			One or other of these empty elements is mandatory, to indicate whether the message is a complete replacement file or an incremental update	0-1
40	<DeltaFile/>				0-1

ONIX for Price Catalog

1	<SubscriptionProductRecord>			<b>Details of a priced product, which may be a single version of a single work, or a combination of multiple works and/or versions: repeatable.</b> Either <SubscriptionProductIdentifier> or <SubscriptionProductName> must be present	1-n
2	<NotificationType>			A code indicating whether the subscription product record is new or updated or a deletion. See code list 1A for permissible values (default 00).	1
3	<ReasonForNotificationType>			Further clarification of the Notification Type. See Introduction, section 8 and code list 183S for permissible values.	0-1
4	<NotificationTypeNote>			A free text note further explaining the reason for the notification type. For example, if the <ReasonForNotificationType> is "Product new to this publisher; transferred from another publisher," this note could be used to identify the previous publisher.	0-1
5	<SubscriptionProductIdentifier>			A coded identifier of a subscription product, eg a publisher's product code. Repeatable if multiple codes are sent. These identifiers are used as match points, when a record is updated or deleted; therefore <IDValue> must be unique.	0-n
6		<SubscriptionProductIDType>		A code indicating the scheme from which the identifier is taken. In the absence of public product identifier schemes for serials products, this currently always takes the value 01 (proprietary) from code list 4S.	1
7		<IDTypeName>		The name of a proprietary scheme, if applicable	0-1
8		<IDValue>		The identifier value	1
9	<SubscriptionProductName>			The name given by the sender to a serial product. This should be a human readable name, such as "Journal of ABC, print," since it will be loaded up into a seller's price catalog, to be read by end customers. Coded names such as "JOABC /P" should be included as Subscription Product Identifiers, with <SubscriptionProductIDType> 01 (Proprietary).	0-1
10	<SubscriptionProductDescription>			Additional free text description of a serial product	0-1
11	<ContentHostingSystem>			Content hosting system through which all online components in this product are available. Used only when all online product components are available through a single content hosting system. If present, there will be no <ContentHostingSystem> elements in the product components in this <SubscriptionProductRecord>.	0-1
12	<OnlinePublisher>			Organization that operates the content hosting system through which all online components in this product are available. Used only when all online product components are available through a single content hosting system. If used, there will be no <OnlinePublisher> composites in the product components in this <SubscriptionProductRecord>. Used only for products that contain one or more online components.	0-1
13		<PublishingRole>		A code indicating the role of the publisher. See code list 45A for permissible values. In this case the PublishingRole will always be "05," (Host/distributor of	1

ONIX for Price Catalog

			electronic content)	
14		<PublisherIdentifier>	A coded identifier of the publisher	0-n
15		<PublisherIDType>	A code indicating the scheme from which the identifier is taken. See code list 44D for permissible values.	1
16		<IDTypeName>	The name of a proprietary scheme, if applicable	0-1
17		<IDValue>	The identifier value	1
18		<PublisherName>	The name of the publisher.	0-1

ONIX for Price Catalog

<SubscriptionProductRecord> continued

19	<SerialVersion> <ProductComponent>			Details of a component included in the subscription product: repeatable for each component included in the product. At least one <ProductComponent> must appear in each <SubscriptionProductRecord>. One or more of <ProductComponentIdentifier> or <ProductComponentName> or <Work> must be sent	1-n
20		<SerialVersionIdentifier> <ProductComponentIdentifier>		A coded identifier of a product component, eg ISSN. Required if available.	0-n
21			<SerialVersionIDType> <ProductComponentIDType>	A code indicating the scheme from which the identifier is taken. See code list 103B for permissible values.	1
22			<IDTypeName>	The name of a proprietary scheme, if applicable	0-1
23			<IDValue>	The identifier value	1
24		<SerialVersionName> <ProductComponentName>		Name of the product component. Used when the product component has a unique name.	0-1
25		<SerialWork> <Work>		Details of the serial work of which the version is a manifestation. Optional in each <ProductComponent>.	0-1
26			<SerialWorkIdentifier> <WorkIdentifier>	Composite: a coded identifier of a serial work. Includes <WorkIDType>, <IDTypeName>, and <IDValue>. See code list 16S for permissible values for <WorkIDType>.	0-n
27			<Title>	Composite: the title of the serial work. Includes <TitleType>, <TitleText> and <Subtitle>. (see code list 15A for permissible values for <TitleType>). <TitleText> and <Subtitle> have "language" attribute.	1-n
28			<Imprint>	Composite: the brand under which a publication is marketed by a publisher, as it appears on the title page of a printed publication or in a corresponding position in a digital or non-print publication. (see code list 44C for permissible values for <ImprintIDType>)	0-1
29			<Publisher>	Composite: the publisher, if different from a default specified in the header; repeatable to identify different publisher roles; for example, a co-publisher. See code list 45C for permissible values for <PublishingRole> and code list 44D for those for <PublisherIDType>.	0-n
30			<Language>	Language of full-text of the work. Repeatable for multi-lingual publications. Permissible values: ISO 639-2/B (see code list 74)	0-n
31			<CountryOfPublication>	Country where the editorial offices reside, and where editorial work is done. See code list 91 (ISO 3166-1 2-letter codes) for permissible values.	0-1

ONIX for Price Catalog

32			<CountryOfDispatch>	Country from which physical versions are shipped. Repeatable if dispatched from multiple countries. See code list 91 (ISO 3166-1 2-letter codes) for permissible values.	0-n
33			<Website>	Composite: details of a website for the serial work as a whole. The expected value of <WebsiteRole> in this context is "04" (Journal home page) (see code list 73C for permissible values of <WebsiteRole>)	0-n
34			<SerialVersionForm> <ProductComponent Form>	A code indicating the form in which the product component is published. See code list 7A for permissible values.	1
35			<PhysicalVersion Scope> <PhysicalComponent Scope>	Composite: Details of the range of issues included in a subscription to a printed or other physical version (eg CD-ROM) – see expansion in green later in this document. Repeatable for multiple subscription periods. Either <PhysicalComponentScope> or <OnlineComponentScope>, but not both, may appear in a <ProductComponent>	0-n
36			<OnlineVersionScope> <OnlineComponent Scope>	Composite: Details of online package(s) included in a subscription – see expansion in green later in this document. Repeatable for multiple subscription periods.	0-n
37	<CatalogPrice>			Composite: publisher's or agent's publicly listed prices for the subscription product – see expansion in yellow at the end of this document.	1-n

Expansion of <PhysicalComponentScope>

1	<PhysicalVersionScope> <PhysicalComponentScope>			<b>Details of the range of issues included in a subscription to a printed or other physical product component (eg CD-ROM) for a specified subscription period. Repeatable for multiple subscription periods.</b> Must include <SubscriptionPeriodLabel> and one or more of <IssuesPerYear> or <Coverage>, or <CoverageNote>. If neither <IssuesPerYear> nor <Coverage> nor <CoverageNote> are sent, then <PhysicalComponentScope> is omitted.	0-n
2	<SubscriptionPeriodLabel>			The subscription period to which a coverage statement applies, identified by the label assigned in the header	1
3	<IssuesPerYear>			The number of issues expected to be published in a year. Only include those that are part of the regular enumeration.	0-1
4	<Coverage>			Composite: the range of issues included in the subscription period, using the ONIX for Serials Coverage statement, documented separately <a href="#">here</a> . If the subscription period is defined as an “anytime start”, the <Coverage> composite is omitted.	0-1
5	<CoverageNote>			A free text note explaining coverage.	0-1



Expansion of <OnlineComponentScope>

1	<OnlineVersionScope> <OnlineComponentScope>			<b>Details of the online content included in a subscription to an online product component for a specified subscription period.</b> Repeatable for multiple subscription periods. Must include <SubscriptionPeriodLabel> and <OnlinePackage>	0-n
2	<SubscriptionPeriodLabel>			The subscription period to which the <OnlineComponentScope> statement applies, identified by a label assigned in the header.	1
3	<IssuesPerYear>			The number of issues expected to be published each year	0-1
4	<OnlinePackage>			Details of online content for the specified product component from a specified content hosting system. Repeatable if the product component is available through multiple content hosting systems.	1-n
5		<ContentHostingSystem>		The name of the content hosting system. Will not appear if <ContentHostingSystem> has been specified at the product level	0-1
6		<OnlinePublisher >		The organization that operates the content hosting system. Will not appear if <OnlinePublisher> has been specified at the product level.	0-1
7		<PublishingRole>		A code indicating the role of the publisher. Only the value 05 (online host/distributor of electronic content) from code list 45A is permissible here.	1
8		<PublisherIdentifier>		Composite: a coded identifier of an online publisher. See code list 44D for permissible values for <PublisherIDType>.	0-n
9		<PublisherName>		The name of the online publisher.	0-1
10		<Website>		A website through which the online content of a product component is accessed	0-n
11		<WebsiteRole>		A code indicating the role of the website: the expected value in this context is "05" (Online journal "available contents" page) (see code list 73D for permissible values)	
12		<WebsiteDescription>		Free text describing the website.	0-1
13		<WebsiteLink>		The URL for the website	1
14		<MirrorSite>		Composite: Details of a mirror site, if any: repeatable if there are several. Includes <WebsiteDescription> and <WebsiteLink>	0-n
15	<SubscriptionPeriodCoverage>			Details of the online content that is expected to be released during the subscription period in a product component offered on the specified content hosting system. Inclusion of this information is strongly recommended if available. Either <Coverage> or <CoverageNote> or both, must be present. For "anytime starts," <SubscriptionPeriodCoverage> is omitted. For backfile subscriptions, where no new content is released, <SubscriptionPeriodCoverage> is omitted.	0-1

ONIX for Price Catalog

16		<PostCancellationAccess/>	Flag indicating that access rights to the material released during the subscription period are maintained even after the subscription has been cancelled.	0-1
17		<Coverage>	Composite: the range of issues included in the subscription period, using the ONIX for Serials Coverage statement, documented separately <a href="#">here</a> .	0-1
18		<CoverageNote>	A free text note explaining the subscription period coverage.	0-1
19	<PackageDetail>		Details of the online coverage accessible with a subscription to a product component through the specified content hosting system. Inclusion of this information is strongly recommended if available. In the case of backfile subscriptions, the <Coverage> statement should indicate what content is included in the subscription.	0-n
20		<PostCancellationAccess/>	Flag indicating that access rights to the online coverage described in the <Coverage> statement within <PackageDetail> are maintained even after the subscription has been cancelled.	0-1
21		<Coverage>	An ONIX for Serials coverage statement, documented separately <a href="#">here</a> .	0-1
22		<CoverageNote>	A free text note explaining coverage.	0-1

Expansion of <CatalogPrice>

1	<CatalogPrice>			<b>Price for a single subscription to a subscription product. In the case of a product containing physical components, this implies a quantity of one for those components. Repeatable for different sets of qualifiers. See section 7.2 of the introductory text for further explanation. &lt;CatalogPrice&gt; must include &lt;TotalPrice&gt;. If &lt;PriceTier&gt; is present, then &lt;PriceQualifier&gt; must also be present.</b>	1-n	
2	<PriceQualifier>			A criterion that applies to a price. If multiple qualifiers apply to a price, then <PriceQualifier> is repeated. Note that multiple qualifiers are ANDed when applied to a specific catalog price (see Section 6 of the Introduction). If there is only one price, and it is not qualified in any way, then <PriceQualifier> is omitted.	0-n	
3		<PriceQualifierType>		A code specifying the type of qualifier. See code list 136 for permissible values.	1	
4		<PriceQualifierValue>		A coded value for the specified price qualifier type. Each price qualifier type has its own list of permissible values; some, such as price tier, allow proprietary values. Permissible values: see code list 137.	1	
5		<PriceTier>			A price criterion expressed as a range of values. May only appear in combination with a <PriceQualifier> that has <PriceQualifierType> 16 and <PriceQualifierValue> "Structured description".	0-1
6	< PriceTierUnit>			The unit of measurement used to define a tier; e.g. total FTE, number of beds, number of simultaneous users. See code list 185S for permissible values.	1	
7	< PriceTierFromValue>			The lower bound of the tier; usually but not necessarily an integer.	1	
8	< PriceTierToValue>			The upper bound of the tier; usually but not necessarily an integer.	1	
9	<TotalPrice>			A price that may be defined by one or more price qualifiers: repeatable if price is expressed in multiple currencies.	1-n	
10		<CurrencyCode>		The currency of the price, if different from the default specified in the header (ISO 4217 currency codes, see code list 96S). All components of a price are expressed in the same currency. If price is to be given in multiple currencies, <TotalPrice> is repeated.	0-1	
11		<PriceComponent>			A component of the total price, repeatable if there are multiple components	1-n
12			<PriceComponentType>		A code specifying the type of the price component. See code list 112S for permissible values.	1
13			<PriceComponent Description>		A free text description qualifying the price component.	0-1
14			<ShippingMethod>		A code specifying the shipping method if the price component includes shipping. See code list 114S for permissible values.	0-1

ONIX for Price Catalog

15			<PriceAmount>	The amount of the price component. Always sent as a positive number or zero. The PriceComponentType code indicates whether the amount is a charge or a discount. Either <PriceAmount> or <Rate> or both must be present within <PriceComponent>.	0-1
16			<Rate>	A percent of the base price. Used only for price components that may be expressed as a rate. Percent sign is not included.	0-1
17	<PriceNote>			A free text note clarifying the price.	0-1