



NISO/EDItEUR Joint Working Party

ONIX for Serials

Serials Products & Subscriptions (SPS) format overview

Version 0.92 (Pilot version)

June, 2008

This is a *pilot version* of the SPS format. Organizations are encouraged to exercise and exchange these SPS messages and to send comments on this specification and the associated XML schema to [EDItEUR](#).

Organizations who intend to use the format during the pilot period are asked to contact [EDItEUR](#).

Following the pilot period, EDItEUR will issue Version 1.0 of the format. After that point, EDItEUR will make every effort to maintain backward compatibility for all new versions. Until that time, EDItEUR does not guarantee compatibility with previous versions.

Version 0.92 revision notes

In the Introduction:

- “Planned future developments” section has been replaced with “Introduction to Version 0.92”
- Section 8, About Prices, has been modified to explain the changes to the price composites.

In the structure table:

- <JournalIssue> and <Embargo> composites have been replaced by <Coverage>
- The price composite has been revised, so that all price qualifiers reside at the same level inside the price composite. This overrides previous changes to the expression of prices.
- A <PriceNote> has been added within the price component, to allow free text explanation of a price.
- A <Rate> element has been added within the <PriceComponent> composite, to allow price components to be expressed as a percent of the base price.

Version 0.91 revision notes

The following changes were made to the SPS format in April, 2006, following the release of Version 0.9, dated 16 June 2004.

- Message type added for Price Quote

- a version number attribute 0.91 has been added to the top-level elements.
- <SubscriptionPeriodType> element removed. Obsolete from previous versions
- PricePeriod changed to SubscriptionPeriod throughout. These elements are needed for subscription information, not just prices.
- A <SubscriptionPeriodDefinition> composite has been added to the header to allow multiple price periods to be specified once only, and to be referenced thereafter by the “labels” assigned as part of the definition.
- The <ProductIdentifier> composite has been renamed <SubscriptionProductIdentifier>, and the included <ProductIDType> element has been renamed <SubscriptionProductIDType>.
- <CustomProduct/> flag added to identify packages assembled for a particular subscriber
- <ContentHostingSystem> added within <SubscriptionProduct>. Used when all online serial versions in the product are accessible through one and only one content hosting system
- <OnlinePublisher> added within <SubscriptionProduct>. Used to identify the organization that operates a content hosting system, when all online serial versions are accessible through one and only one content hosting system.
- <IssuesPerYear> element removed. This now appears within <PhysicalVersionScope> and <OnlineVersionScope>
- SerialVersionName added. To be used when serial version has a distinct name.
- Composite name <WorkIdentifier> changed to <SerialWorkIdentifier>. This aligns the structure with SRN.
- A <Website> composite has been added within <SerialWork>, for the journal home page.
- <ProductForm> has been renamed <SerialVersionForm>.
- The <CurrentPrices> composite has been deleted and replaced by other price composites (see below)
- A <CatalogPrice> composite has been added, replacing one of the functions of the former <CurrentPrices> composite.
- A <PriceQuoted> composite has been added, replacing the other function of the former <CurrentPrices> composite, and making a clear distinction between a published price and a price quoted to an individual subscriber.
- The composite <PricesLastPaid> has been renamed <PriceCharged>, and can now be repeated to allow price history for multiple past subscription periods to be sent.
- A <PhysicalVersionScope> composite has been added, to allow the start and end issues of a print (or other physical format) serial version included in a subscription to be specified.
- <PhysicalVersionScope>, p. 6, line 2 and <OnlineVersionScope>, p. 7 line 2: the <PricePeriod> element has been replaced by <SubscriptionPeriodLabel>, referring to a subscription period defined in the header.
- <PhysicalVersionScope> now has an <IssuesPerYear> element.

- An<OnlineVersionScope> composite replaces (and includes) the previous <OnlinePackage> composite to enable full details of the online package(s) included in a subscription to be specified.
- Changes to <OnlineVersionScope>:
 - Line 3: <IssuesPerYear> element added.
 - Line 4: the <OnlinePackage> composite has been specified as repeatable if the subscription product includes the option of accessing online content through more than one host.
 - Lines 5-9: <OnlineService> element replaced by <ContentHostingSystem> and <OnlinePublisher>. This aligns the structure with SRN.
 - Lines 10-14: the former <Website> composite has been deleted, and replaced by the addition of a <Website> composite within <OnlineVersionScope>.
 - Line 11: the new value 05 has been defined for <WebsiteRole> in this context: "Online journal "available contents" page. A webpage giving direct access to the content that is available online for a specified serial version."
 - Lines 15-17: <SubscriptionPeriodCoverage> added, to indicate which volumes/issues are expected to be released during the subscription period
 - Lines 26-28: <Embargo> composite added. This aligns the structure with SOH.
 - <LicenseTerms> element deleted. This is now being pursued separately.
 - Indentation is corrected (previously the elements that are now nested under <OnlinePackage> were not indented)
 - <CoverageNote> elements have been added following every appearance of <JournalIssue>. This aligns the structure with SRN.
- New composite name <CatalogPrice> (was <CurrentPrices>).
- A new element <PriceSetBy> has been added to specify whose prices are listed.
- The <PricePeriod> element has been replaced by <SubscriptionPeriodLabel>, referring to a price period defined in the header.
- In the <TotalPrice> composite, the price qualifier and the unit of pricing (<PricePer>) now apply to the whole price, not separately to individual components.
- A component type code has been added to allow the particular component to be specified, eg as shipping charge.
- New elements <AllCountriesExcept> and <Worldwide/> have been added.

1. Introduction

The ONIX Serials Products and Subscriptions (SPS) format defines a family of messages used for transmitting information about Serial Subscription Products, with or without price information, and with or without subscription information relating to a particular subscriber. The four messages currently defined are:

- Product List Unpriced. A list of subscription products offered by a publisher, subscription agent, online publisher, content hosting service, or any other party that sells subscriptions, without price information.
- Product List Priced. A list of subscription products offered by a publisher, subscription agent, online publisher, content hosting service, or any other party that sells subscriptions, including price information.
- Product Subscription List. A list of products subscribed to by a particular subscriber. It may or may not include prices.
- Product Subscriptions Quote. A list of subscription products with a price quote offered to a particular subscriber.

Business cases might include the following:

- A publisher sends its complete price list to a subscription agent or to a number of subscription agents via a broadcast message, for loading into the subscription agents' price catalogs (Product List Priced)
- A publisher or a subscription agent sends a price quote to an organization for a specific list of subscription products (Product Subscriptions Quote). The organization could compare this quote to another quote received from another agent.
- A subscription agent sends a list of all of a library's subscriptions, with coverage information for all online serial versions, for the library to load into its E-resource management system (Product Subscription List).
- A subscription agent sends a list of all of a library's current subscriptions, with subscription identifiers for each subscription, for the library to load into its acquisitions control system (Product Subscription List).

2. Introduction to version 0.92

Coverage statements

In Versions 0.9 and 0.91, coverage was defined in terms of one or more instances of the <JournalIssue> composite, found in <PhysicalVersionScope> and <OnlineVersionScope>. In Version 9.2 these composites have been replaced by the much more complete <Coverage> composite, which was developed by the NISO/EDItEUR Joint Working Party, Coverage Sub-Group.

<Coverage> is documented separately as [ONIX for Serials: Coverage Statement](#).

Price composites

In response to suggestions by organizations piloting SPS version 0.91, the price composites (<CatalogPrice>, <PriceCharged>, and <PriceQuoted>) have been restructured to simplify the expression of prices and to allow for the addition of new price qualifiers without changing the SPS schema.

In Version 0.92 all price qualifiers reside at the same level within the respective price composites. In addition, the qualifier types and the qualifier values (except for proprietary values) are now coded values, found in the ONIX Serials Code Lists 136 and 137, respectively. Further explanation of price composites is found in section 8 of this document.

3. Related Documents

Some words or phrases are used throughout ONIX for Serials with a very specific meaning. These are defined in the [ONIX for Serials glossary](#).

The formal definition of the SPS format is given in [ONIX SPS: XML schema](#).

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](#).

4. Release and version numbering

Please note that within an SPS version each form of message supported in the SPS Schema has its own separate release number (currently “0.92” in each case). This is because it is quite possible that in a future release one message may change while another remains the same. Separate release and version numbers allow precise version control on both levels.

5. Structure of SPS: subscription products and serial versions

The basic structural unit in the SPS format is the *subscription product*; that is, a group of one or more serial versions that are sold as a single subscription. For example, a subscription product might consist of any of the following:

- 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

The basic structure of the SPS message 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 identification and 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 **serial version** in the product (serial version metadata and scope information)

Depending on the message type and the purpose of the message, the subscription product may also contain

Catalog prices supplied by a publisher, online publisher or subscription agent
Subscription details, including the price charged to the subscriber
Price quotes for a potential subscriber

6. About physical version scopes

Physical serial versions (e.g., print, CDROM) carry a <PhysicalVersionScope> 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.

7. About online serial versions and online version scopes

Online serial versions carry an <OnlineVersionScope> which includes

(a) the enumeration and chronology of the issues that are to be released in a particular subscription period, similar to the information found in <PhysicalVersionScope> for physical serial versions.

(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 backfiles
- The completeness of content found online
- File format(s) in which the content is delivered

8. About prices

There are three types of prices found in SPS messages:

- <CatalogPrice>: a publisher's or agent's publicly listed prices for a subscription product. This may be used in any message except the Product List Unpriced.
- <PriceQuoted>: a price quoted to a particular subscriber for a subscription product for a particular subscription period. This is used only in a Product Subscriptions Quote.
- <PriceCharged>: a price charged to a particular subscriber for a subscription product for a particular subscription period. This may be used in a Product Subscriptions List or Product Subscriptions Quote.

All of these prices are structured identically. In some cases more than one type of price may appear; for example a Product Subscriptions List may contain both a <CatalogPrice> and a <PriceCharged>.

Each price contains three child elements:

1. <PriceQualifier>: a repeatable composite specifying the criteria that define a price; for example, Type of Subscriber (such as person, institution, member), Subscription Period, countries or regions where the price applies, Price Tier. The <PriceQualifier> is repeated if there are multiple qualifiers for a given price; such as an institutional price for a certain geographic region for a certain subscription period. If there are different prices based on different sets of price qualifiers for a subscription product, then the entire price composite is repeated.
2. <TotalPrice>: a composite containing the price in a specific currency. This is repeatable if a price is given in multiple currencies. The <TotalPrice> composite contains the currency code and various price components. The <Rate> element within <PriceComponent> allows a price component to be expressed as a rate as well as or

instead of an amount.

3. A <PriceNote> for further free-text explanation.

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

- 2007 price
- 2007-2009 price
- New order price
- Renewal price
- US price in USD
- Rest of world price in EUR

For this subscription product, there would be 8 different Catalog Price composites:

1. 2007, new, US
2. 2007, new, Rest of world
3. 2007, renewal, US
4. 2007, renewal, Rest of world
5. 2007-2009, new, US
6. 2007-2009, new, Rest of world
7. 2007-2009, renewal, US
8. 2007-2009, renewal, Rest of world

In this example, US prices are expressed in USD; Rest of world prices are expressed in EUR.

Cases 1 and 8 would be expanded as follows:

1. 2007, new, US

```

<CatalogPrice>
  <PriceQualifier> repeatable if multiple qualifiers apply to this price
    <PriceQualifierType>SubscriptionPeriodLabel</PriceQualifierType>
    <PriceQualifierValue>2007</PriceQualifierValue> must have been defined in Header
  </PriceQualifier>
  <PriceQualifier>
    <PriceQualifierType>NewRenew</PriceQualifierType>
    <PriceQualifierValue>New</PriceQualifierValue>
  </PriceQualifier>
  <PriceQualifier>
    <PriceQualifierType>CountryCode</PriceQualifierType>
    <PriceQualifierValue>US</PriceQualifierValue>
  </PriceQualifier>
  <TotalPrice>
    <CurrencyCode>USD</CurrencyCode>
    <PriceComponent> repeatable for multiple components
      <PriceComponentType>02</PriceComponentType> base price
      <PriceAmount>400</PriceAmount>
    </PriceComponent>
  </TotalPrice>
  <PriceNote>note would go here</PriceNote>
</CatalogPrice>

```

8. 2007-2009, renewal, Rest of world

```
<CatalogPrice>
  <PriceQualifier>
    <PriceQualifierType>SubscriptionPeriodLabel</PriceQualifierType>
    <PriceQualifierValue>2007-2009</PriceQualifierValue> must have been defined in
    Header
  </PriceQualifier>
  <PriceQualifier>
    <PriceQualifierType>NewRenew</PriceQualifierType>
    <PriceQualifierValue>Renew</PriceQualifierValue>
  </PriceQualifier>
  <PriceQualifier>
    <PriceQualifierType>AllCountriesExcept</PriceQualifierType>
    <PriceQualifierValue>US</PriceQualifierValue>
  </PriceQualifier>
  <TotalPrice>
    <CurrencyCode>EUR</CurrencyCode>
    <PriceComponent> repeatable for multiple components
      <PriceComponentType>02</PriceComponentType> base price
      <PriceAmount>300</PriceAmount>
    </PriceComponent>
  </TotalPrice>
  <PriceNote>note would go here</PriceNote>
</CatalogPrice>
```


Overview of the structure of the ONIX Serials Products & Subscriptions format

The tables on the following pages give an overview of the ONIX Serials Products & Subscriptions format, and show how elements are nested. For elements that contain codes, the code values are found in [ONIX Serials Code Lists](#). Permissible values are noted in the following table by list number and subset; for example, 44A refers to code list 44, subset A.

1	<ONIXSPSPProductListUnpriced version="0.92">	A list of serial products without prices
2	<ONIXSPSPProductListPriced version="0.92">	A list of serial products including prices
3	<ONIXSPSPProductSubscriptionsList version="0.92">	A list of serial products together with details of the subscriptions held by a single subscriber (e.g. a library) or by a group of subscribers (e.g. a consortium)
4	<ONIXSPSPProductSubscriptionsQuote version="0.92">	A publisher's or agent's price quotation to an actual or potential subscriber

5	<Header>		Message header
6	<Sender>		The sender of the message (coded identifier or name or both)
7		<SenderIdentifier>	A coded identifier of the message sender, eg a SAN or GLN
8		<SenderIDType>	A code indicating the scheme from which the identifier is taken (see code list 44A for permissible values)
9		<IDTypeName>	The name of a proprietary scheme, if applicable
10		<IDValue>	The identifier value
11		<SenderName>	The name of the sender organisation
12		<SenderContact>	The name of a contact person in the sender organisation
13		<SenderEmail>	An email address for the sender
14	<Addressee>		The addressee of the message (omitted in "broadcast" messages)
15		<AddresseeIdentifier>	A coded identifier of the message addressee
16		<AddresseeIDType>	A code indicating the scheme from which the identifier is taken (see code list 44A for permissible values)
17		<IDTypeName>	The name of a proprietary scheme, if applicable
18		<IDValue>	The identifier value
19		<AddresseeName>	The name of the addressee organisation
20		<AddresseeContact>	The name of a contact person in the addressee organisation
21		<AddresseeEmail>	An email address for the addressee
22	<MessageNumber>		Message sequence number
23	<MessageRepeat>		A number which distinguishes any repeat transmissions of a message
24	<SentDateTime>		The date, and optionally the time, when a message was sent
25	<MessageNote>		A free-text note about the contents of the message. <i>Has "language" attribute.</i>
26	<DefaultCurrencyCode>		The currency of prices listed in the message, unless otherwise specified. Not used in Product List Unpriced messages. (use ISO 4217 currency codes, see code list 96 for permissible values)

<Header> continued

27	<DefaultPublisher>			The publisher whose subscription products are listed in the message (when the message applies wholly or mainly to a single publisher or host service)	
28		<PublishingRole>		A code indicating a role played in the publishing process, in this case, "Publisher" (see code list 45B for permissible values)	
29		<PublisherIdentifier>			A coded identifier of the publisher
30			<PublisherIDType>		A code indicating the scheme from which the identifier is taken (see code list 44D for permissible values)
31			<IDTypeName>		The name of a proprietary scheme, if applicable
32			<IDValue>		The identifier value
33		<PublisherName>			The name of the publisher
34	<DefaultSubscriber>			The organization whose subscriptions are listed in the message or for whom a price quote is being sent, when the message applies wholly or mainly to a single institution. May be omitted if the subscriber is the Addressee. Used only in Product Subscriptions List or Product Subscriptions Quote messages.	
35		<SubscriberIdentifier>			A coded identifier of the subscriber
36			<SubscriberIDType>		A code indicating the scheme from which the identifier is taken (see code list 44A for permissible values)
37			<IDTypeName>		The name of a proprietary scheme, if applicable
38			<IDValue>		The identifier value
39		<SubscriberName>			The name of the subscriber
40	<DefaultAgent>			The agent through whom subscriptions listed or prices quoted in the message are supplied. May be omitted if the Agent is the Sender. Used only in Product Subscriptions List or Product Subscriptions Quote messages.	
41		<AgentIdentifier>			A coded identifier of the agent
42			<AgentIDType>		A code indicating the scheme from which the identifier is taken (see code list 44D for permissible values)
43			<IDTypeName>		The name of a proprietary scheme, if applicable
44			<IDValue>		The identifier value
45	<AgentName>			The name of the agent	
46	<SubscriptionPeriod Definition>			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	
47		<SubscriptionPeriodLabel>		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	
48		<StartDate>		The date on which the subscription period starts: YYYYMMDD	
49		<EndDate>		The date on which the subscription period ends: YYYYMMDD	
50	<CompleteFile/>			One or other of these empty elements is mandatory, to indicate whether the message is a complete replacement file or an incremental update	
51	<DeltaFile/>				

1	<SubscriptionProductRecord>			Details of a serial product, which may be a single serial version of a single work, or a combination of multiple works and/or versions: repeatable	
2	<NotificationType>			A code indicating whether the subscription product record is new or updated. Defaults to 00, unspecified. (see code list 1A for permissible values)	
3	<SubscriptionProductIdentifier>			A coded identifier of a serial product, eg a publisher's product code	
4		<SubscriptionProductIDType>		A code indicating the scheme from which the identifier is taken (see code list 4S for permissible values)	
5		<IDTypeName>		The name of a proprietary scheme, if applicable	
6		<IDValue>		The identifier value	
7	<SubscriptionProductName>			The name given by the sender to a serial product. <i>Has "language" attribute¹</i>	
8	<SubscriptionProductDescription>			Additional free text description of a serial product	
9	<CustomProduct/>			An empty element indicating that the product is a combination of multiple serial versions tailored specifically for the subscriber. Used only in Product Subscriptions List or Product Subscriptions Quote messages.	
10	<ContentHostingSystem>			Content hosting system through which all online serial versions in this product are available. Used only when all online serial versions are available through a single content hosting system. If present, there will be no <ContentHostingSystem> elements in the serial versions in this <SubscriptionProductRecord>.	
11	<OnlinePublisher>			Organization that operates the content hosting system through which all online serial versions in this product are available. Used only when all online serial versions are available through a single content hosting system. If used, there will be no <OnlinePublisher> composites in the serial versions in this <SubscriptionProductRecord>.	
12		<PublishingRole>		In this case, "05" – host/distributor of electronic content (see code list 45A for permissible values)	
13		<PublisherIdentifier>			A coded identifier of the publisher
14			<PublisherIDType>		A code indicating the scheme from which the identifier is taken (see code list 44D for permissible values)
15			<IDTypeName>		The name of a proprietary scheme, if applicable
16			<IDValue>		The identifier value
17		<PublisherName>			The name of the publisher. <i>Has "language" attribute.</i>

¹ Text elements labelled with the words *Has "language" attribute* may optionally be qualified by a "language" attribute using ISO 639-2/B language codes and may be repeated if expressed in multiple languages.

<SubscriptionProductRecord> continued

18	<SerialVersion>		Details of a serial version included in the subscription product: repeatable for each serial version included in the product. At least one <SerialVersion> must appear in each <SubscriptionProductRecord>	
19		<SerialVersionIdentifier>	A coded identifier of a serial version, eg ISSN. Required if available.	
20		<SerialVersionIDType>	A code indicating the scheme from which the identifier is taken (see code list 103B for permissible values)	
21		<IDTypeName>	The name of a proprietary scheme, if applicable	
22		<IDValue>	The identifier value	
23		<SerialVersionName>	Name of the serial version. Used when the serial version has a unique name. <i>Has "language" attribute.</i>	
24		<SerialWork>		Details of the serial work of which the version is a manifestation. Mandatory in each <SerialVersion>.
25			<SerialWorkIdentifier>	Composite: a coded identifier of a serial work. Includes <WorkIDType>, <IDTypeName>, and <IDValue>. (see code list 16S for permissible values for <WorkIDType>)
26			<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.
27			<Imprint>	Composite: the imprint under which the serial work is published (see code list 44C for permissible values for <ImprintIDType>)
28	<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 of <PublishingRole> and code list 44D for permissible values of <PublisherIDType>)	
29	<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>)	
30	<SerialVersionForm>		A code indicating the form in which the serial version is published: e.g., paper, electronic. Mandatory in <SerialVersion>. (see code list 7A for permissible values)	
31	<PhysicalVersionScope>		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.	
32	<OnlineVersionScope>		Composite: Details of online package (s) included in subscription – see expansion in green later in this document. Repeatable for multiple subscription periods.	
33	<CatalogPrice>		Composite: publisher's or agent's publicly listed prices for the subscription product – see expansion in yellow at the end of this document. . Not used in Product List Unpriced messages.	

<SubscriptionProductRecord> continued

34	<SubscriptionDetails>		Details of a single subscription: repeatable. Used only in Product Subscriptions List or Product Subscriptions Quote messages.
35	<Subscriber>		Details of the subscriber, if different from the default identified in the header
36		<SubscriberIdentifier>	Composite: a coded identifier of a subscriber. (see code list 44A for permissible values for <SubscriberIDType>)
37		<SubscriberName>	The name of a subscriber
38	<SubscriptionIdentifier>		A coded identifier of a subscription: repeatable to allow publisher's, agent's and/or library's subscription identifiers to be carried
39		<SubscriptionIDType>	A code indicating the scheme from which the identifier is taken (see code list 111S for permissible values)
40		<IDTypeName>	The name of an identificatier scheme, used when <SubscriptionIDType> = "00" (Other).
41		<IDValue>	The identifier value
42	<PurchaseOrderNumber>		A subscribing institution's PO number, often not unique to a subscription
43	<PurchaseOrderDate>		A subscribing institution's PO date YYYYMMDD
44	<Agent>		The agent for the subscription, if different from the default agent shown in the header
45		<AgentIdentifier>	Composite: a coded identifier of an agent (see code list 44D for permissible values for <AgentIDType>)
46		<AgentName>	The name of an agent
47	<Quantity>		The number of copies of any physical items included in the subscription
48	<Location>		A unit within the subscribing organisation that the parties mutually wish to recognise as a unit: in the case of printed journals, may or may not identify the location to which physical supplies are sent
49	<PriceQuoted>		Price quoted to the subscriber for a specified subscription period: repeatable if different quotes are given based on different price qualifiers. The expansion of this composite is the same as that of <CatalogPrice> (shown in yellow at the end of this document). Will appear only in Product Subscriptions Quote messages.
50	<PriceCharged>		Price charged to the subscriber in a current or past subscription period: repeatable if price history is given for more than one subscription period. The expansion of this composite is the same as that of <CatalogPrice> (shown in yellow at the end of this document). Will appear only in Product Subscriptions List and Product Subscriptions Quote messages.

1	<PhysicalVersionScope>			Details of the range of issues included in a subscription to a printed or other physical serial version (eg CD-ROM) for a specified subscription period. Repeatable for multiple subscription periods.
2	<SubscriptionPeriodLabel>			The subscription period to which a coverage statement applies, identified by the label assigned in the header
3	<IssuesPerYear>			The number of issues expected to be published each year
4	<Coverage>			Composite: the range of issues included in the subscription period, using the ONIX for Serials Coverage statement, documented separately as ONIX for Serials: Coverage Statement .
5	<CoverageNote>			A free text note explaining coverage. <i>Has "language" attribute.</i>

1	<OnlineVersionScope>			Details of the online content included in a subscription to an online serial version for a specified subscription period. Repeatable for multiple subscription periods.
2	<SubscriptionPeriod Label>			The subscription period to which the <OnlineVersionScope> statement applies, identified by a label assigned in the header
3	<IssuesPerYear>			The number of issues expected to be published each year
4	<OnlinePackage>			Details of online content for the specified serial version from a specified content hosting system. Repeatable if the serial version is available through multiple content hosting systems.
5		<ContentHosting System>		The name of the content hosting system. Will not appear if <ContentHostingSystem> has been specified at the product level
6		<OnlinePublisher>		The organization that operates the content hosting system. Will not appear if <OnlinePublisher> has been specified at the product level
7		<PublishingRole>		Always "05" – host/distributor of electronic content (see code list 45A for permissible values)
8		<PublisherIdentifier>		Composite: a coded identifier of an online publisher (see code list 44D for permissible values of <PublisherIDType>)
9		<PublisherName>		The name of the online publisher. <i>Has "language" attribute.</i>
10		<Website>		A website through which the online content of a serial version is accessed
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. <i>Has "language" attribute.</i>
13		<WebsiteLink>		The URL for the website
14		<MirrorSite>		Composite: Details of a mirror site, if any: repeatable if there are several. Includes <WebsiteDescription> and <WebsiteLink>
15		<SubscriptionPeriod Coverage>		Details of the online content that is expected to be released during the subscription period in a serial version offered on the specified content hosting system. Inclusion of this information is strongly recommended if available.
16		<Coverage>		Composite: the range of issues included in the subscription period, using the ONIX for Serials Coverage statement, documented separately as ONIX for Serials: Coverage Statement .
17		<CoverageNote>		A free text note explaining the subscription period coverage. <i>Has "language" attribute.</i>

<OnlineVersionScope> continued

18		<PackageDetail>		Details of the full online coverage accessible with a subscription to a serial version through the specified content hosting system. Repeatable if the package includes ranges with different levels of completeness and/or online formats. Inclusion of this information is strongly recommended if available.
19			<Coverage>	An ONIX for Serials coverage statement, documented separately as ONIX for Serials: Coverage Statement .
20			<CoverageNote>	A free text note explaining coverage. <i>Has "language" attribute.</i>
21			<IssueCompleteness>	A code indicating whether all articles from each issue are available online (see code list 105S for permissible values)
22			<ArticleCompleteness>	A code indicating whether articles are held as full text, abstracts etc (see code list 106S for permissible values)
23			<OriginalContent>	A code indicating whether the online holdings include original content not found in the print version (see code list 107S for permissible values)
24			<ContentDescription>	A free text description of the content available online. <i>Has "language" attribute.</i>
25			<EpubFormat>	A code indicating the file format(s) in which the online content is held; eg HTML, PDF (see code list 11S for permissible values)

The expansion of the <CatalogPrice> composite shown below applies also to the <PriceQuoted> and <PriceCharged> composites.

1	<CatalogPrice>			Price for a single copy of a subscription product. Repeatable for different sets of qualifiers. See section 8 of the introductory text for further explanation.
2	<PriceQualifier>			A criterion that applies to a price. If multiple qualifiers apply to a price, then <PriceQualifier> is repeated.
3		<PriceQualifierType>		A code specifying the type of qualifier (see code list 136 for permissible values). Examples of price qualifier types are: <ul style="list-style-type: none"> • Subscription period • Price Per (i.e. number of copies) • Subscriber Type (such as member, corporate, student, institutional) • Country Code (countries to which a price applies) • Price Tier (for subscription products subject to tiered pricing)
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.
5		<TotalPrice>		A price as specified by one or more price qualifiers: repeatable if price is expressed in multiple currencies.
6	<TotalPrice>	<CurrencyCode>		The currency of the price, if different from the default specified in the header (ISO 4217 currency codes, 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.
7		<PriceComponent>		A component of the total price, repeatable if there are multiple components
8			<PriceComponentType>	A code specifying the type of the price component (see code list 112A for permissible values)
9			<PriceComponentDescription>	A free text description qualifying the price component. <i>Has "language" attribute.</i>
10			<ShippingMethod>	A code specifying the shipping method if the price component includes shipping (see code list 114S for permissible values)
11			<PriceAmount>	The amount of the price component. Always sent as a positive number. The PriceComponentType code indicates whether the amount is a charge or a discount.
12			<Rate>	A percent of the base price. Used only for price components that may be expressed as a rate. Either <PriceAmount> or <Rate> must be present within <PriceComponent>. Percent sign is not included.
13	<PriceNote>			A free text note clarifying the price. <i>Has "language" attribute.</i>