

BNC ONIX Guidebook

To the Canadian Bibliographic Standard



**BOOKNET
CANADA**

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Legend

- Required for Gold certification
- Required (if applicable) for Gold certification
- Required for Silver certification
- ⊕ Required (if applicable) for Silver certification
- Optional data field

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Summary

This guidebook is intended for use by companies using ONIX 2.1 and corresponds to the Silver and Gold levels of the Canadian Bibliographic Standard. For companies beginning in ONIX, it is recommended not to use any deprecated fields (retained only for backwards compatibility) and instead start with ONIX 2.1 fields.

The full ONIX for Books Product Information Message and all of the supporting documentation is available from the EDItEUR website. Information about HTML usage, character set encoding, message header content etc. can all be found within.

Code Lists change often! Please make sure to download the latest codes.

Please check the Standards & Certification section of the BookNet Canada (BNC) website for the latest version of this document as well as any news regarding changes and updates to the Canadian Bibliographic Standard.

A Note on Document Validation

An ONIX document should be both

Well-Formed

(the document contains correct XML syntax)



Valid

(conforms to a DTD; in this case the ONIX DTD)

- The ONIX International DTD is available at www.editeur.org/onix/2.1/03/reference/onix-international.dtd.
- The W3C XML specification states that a program should not continue to process an XML document if it finds a validation error.
- Validation does not check the *quality of data* in the XML document.

It is important to validate your ONIX documents before sending them. Doing so will ensure that the document is well-formed and that it can be parsed/used/imported by the receiver. In most cases if a document is invalid it cannot be used.

BNC offers an ONIX Inspector calibrated to ONIX 2.1 (on the Standards & Certification section of the BNC website). This web-based tool allows companies to run a file through and see how it conforms to the Canadian Bibliographic Standard.

Two popular, free XML Validators are:

- XMLSpy (www.altova.com/download/xmlspy/free_xml_editor.html)
- Cooktop (www.xmlcooktop.com)

Some online validators are available for smaller documents (www.w3schools.com/dom/dom_validate.asp). An easy way to check the validity of an XML document is to use add-ons to Internet Explorer. The add-ons and instructions for their installation and use, can be downloaded from Microsoft:

www.microsoft.com/downloads/details.aspx?FamilyId=D23C1D2C-1571-4D61-BDA8-ADF9F6849DF9&displaylang=en

A Note on Character Sets

When you prepare your ONIX data, remember these key points for every ONIX field:

1. Avoid the use of CAPITALS
2. Avoid the use of abbreviations
3. Correct typos
4. Correct mis-spellings
5. Take care with the use of special characters

Typos, mis-spellings and incorrect capitalization are unprofessional when displayed in adverts, catalogues or on websites. Abbreviations can also hinder recognition. There is no space constraint in an ONIX record so there is no need to abbreviate.

The basic character set for which no special coding is necessary includes:

- Space character
- Capital letters: A-Z
- Lower case letters: a-z
- Digits: 0-9
- Punctuation and brackets: ! " ' () , - . : ; ? [] { }

- Currency, arithmetic, computer and other symbols: # \$ % * + / = > \ @ _ ` | ~

The **&** and **<** characters have special significance in XML applications and should not be included in the text of an XML/ONIX document. If you need to include these characters in a data element then you will need to use the XML entity reference form of expression instead:

Desired Character	XML expression
&	&
<	<

Ex: **AT&T** would be expressed as **AT&T**.

A Note on Tags

Use either short tags or the longer reference tags, but not both. File size can be smaller using the short tags, but for human readability the reference tags are preferred. Most places will accept both, but some will not (check with your file recipient). In this case you can use a tool to flip the tags found at:

www.editeur.org/ONIX%20tagname%20converter.html

Do not put zeros or empty tags into your file; this is considered bad practice in ONIX. Avoid any blank lines in your file (except in elements that can contain text, for example `<OtherText>`), as this could keep it from validating.

It is extremely important that all tags required by ONIX are included in the file and that they are in the correct order, or else the file will be invalid. All tags required by ONIX to create a valid file are mentioned here, with additional tags included to complete the Canadian standard. All tags in this guide are mentioned in the correct order.

A Note on Indigo

Indigo was on the committee that helped put together this standard, and they support it. Because of some database limitations they are able to take a smaller set of Code Lists than is usual, are not able to process header information, etc. Contact electronicdata@indigo.ca to obtain a copy of these data quirks.

There are several other data aggregators you will want to send your ONIX file to. See the Certification section of the Frequently Asked Questions on our website for a list of ONIX Implementors and their contact information.

Message Header

An ONIX message must begin with a **<Header>** composite. This is where information about the sender, addressee (destination) and date of the message are stored. It can also contain default values for select pieces of information about all products.

The message header is enclosed between the **<Header></Header>** tags and should be placed before the product composites.

* Fields marked with an asterisk are considered defaults for all product records contained in the message. However, these elements are always overridden when a corresponding element is included in the individual product's record.

Mandatory Header Elements

The following header elements are considered mandatory for the Gold and Silver levels of the Canadian Bibliographic Standard:

Data Element	MH No.	Reference Tag	Short Tag
Sender SAN	MH.2	<FromSAN>	<m173>
Sender company name	MH.6	<FromCompany>	<m174>
Addressee SAN	MH.10	<ToSAN>	<m177>
Addressee company name	MH.14	<ToCompany>	<m178>
Message creation date/time	MH.18	<SentDate>	<m182>

Sample Data & ONIX Excerpt

```
<Header>
  <FromSAN shortname="m173">
    12345
  </FromSAN>
  <FromCompany shortname="m174">
    Booknet Canada
  </FromCompany>
  <ToCompany shortname="m177">
    Booknet Canada
  </ToCompany>
  <ToSAN shortname="m178">
    67890
  </ToSAN>
  <SentDate shortname="m182">
    20040120
  </SentDate>
<!--Optional defaults for LanguageOfText,
PriceTypeCode and CurrencyCode can go
here -->
</Header>
<Product>[...]</Product>
```

Elements available for inclusion in the message header

Sender EAN number	Addressee EAN number	Message sequence number	* Default language of text
Sender SAN	Addressee SAN	Message repeat number	* Default price type
Sender identifier composite	Addressee identifier composite	Message creation date/time	* Default currency
Sender company name	Addressee company name	Message note	* Default unit of weight
Sender contact person	Addressee contact		* Default class of trade
Sender email address			

Record Reference & Notification

Record Reference	PR.1.1	●
Notification or Update Code	PR.1.2	●

Each product record must contain both the **<RecordReference> <a001>** and **<NotificationType> <a002>** elements.

The **<RecordReference> <a001>** is a unique number identifying the information record for a particular product. This number remains as the product's unique identifier and is used any time an update is sent. It is important to remember that the reference number does not identify *the product*, but that it identifies the information *about that product*.

Note: It is recommended to use one of the product's product identifiers (ex: ISBN) as the value for **<RecordReference> <a001>**.

The **<NotificationType> <a002>** identifies the type of notification or update you are sending. The value comes from Code List 1.

Sample Data & ONIX Excerpt

```
Record Reference Number: 0747551006U
Notification Type: 02 (Update)
<RecordReference shortname="a001">
    0747551006U
</RecordReference>
<NotificationType shortname="a002">
    02
</NotificationType>
```

What if this doesn't apply?

These elements apply to all products.

Option A

Data is sent with values for each identifier kept in its own element, marked with the name of each identifier (ex: ISBN). In this case, ISBN-13 cannot be sent.

* Note: this option is now deprecated and we strongly urge publishers to implement Option B.

Option B [Preferred]

Data is sent in two repeatable elements: ProductIDType and IDValue. The elements repeat for each product identifier, and the following codes are used in ProductIDType:

ProductIDType	IDValue
02	10-digit ISBN
03	13-digit EAN
15	13-digit ISBN
04	12-digit UPC

Product Form & Identifiers

ISBN	PR.2.1	●
EAN-13 Article Number	PR.2.2	●

Each product record must contain at least the ISBN-10, the EAN-13 and the ISBN-13. An optional fourth is the UPC. These identifiers are contained in the Products Identifier composite.

These product identifiers should be sent:

- without hyphens;
- with the required number of digits – 10 and 13 for both versions of the ISBN, 13 for EAN, and 12 for UPC; and
- without any other text

Sample Data & ONIX Excerpt

ISBN-10 1896300715
ISBN-13 9781896300719
EAN-13 9781896300719
UPC 779101300714

Option A

```
<ISBN shortname="b004">  
  1896300715  
</ISBN>  
<EAN13 shortname="b005">  
  9781896300719  
</EAN13>  
<UPC shortname="b006">  
  779101300714  
</UPC>
```

Option B [Preferred]

```
<ProductIdentifier>  
  <ProductIDType shortname="b221">  
    02  
  </ProductIDType>
```

```
  <IDValue shortname="b244">  
    1896300715  
  </IDValue>  
</ProductIdentifier>  
<ProductIdentifier>  
  <ProductIDType shortname="b221">  
    03  
  </ProductIDType>  
  <IDValue shortname="b244">  
    9781896300719  
  </IDValue>  
</ProductIdentifier>  
<ProductIdentifier>  
  <ProductIDType shortname="b221">  
    15  
  </ProductIDType>  
  <IDValue shortname="b244">  
    9781896300719  
  </IDValue>  
</ProductIdentifier>
```

```
<ProductIdentifier>  
  <ProductIDType shortname="b221">  
    04  
  </ProductIDType>  
  <IDValue shortname="b244">  
    779101300714  
  </IDValue>  
</ProductIdentifier>
```

What if this doesn't apply?

The ISBN-10, ISBN-13 and EAN, or Bookland EAN, apply to all book products in ONIX 2.1 (Option B). This option is preferred because while most Canadian retailers currently use the EAN, libraries, cataloguing and library wholesalers still use the ISBN-13 designation. In ONIX 2.0, only the ISBN-10 and EAN are applied (Option A). The GS1 website has a page about the formula used to calculate the EAN from the ISBN-10 (www.ean-int.org/productssolutions/idkeys/support/check_digit_calculator.html). If the product does not have a UPC, exclude the UPC indicator from that product's record.

Product Form & Identifiers (cont'd)

Barcode Indicator

PR.2.10 ●

A simple flag to indicate whether the product was printed with a barcode (typically with the EAN).

The data should be sent with a value of **00** to indicate the product does not have a barcode, and **01** to indicate it does.

Sample Data & ONIX Excerpt

Barcode indicator Yes

```
<Barcode shortname="b246">
  01
</Barcode>
```

What if this doesn't apply?

You should send this element for every product. Use **00** if the product does not have a barcode.

Product Form Code

PR.3.1 ●●

* Note: The remainder of PR.3 and PR.4 further define data about the product form.

Product Form Code is also known as **binding**, **media** or **format**. Some aggregators have asked for both **binding and media**; this element covers both.

Over 100 two-letter values exist to designate product form in Code List 7. Example codes are:

Value	Description
BB	hardcover
BC	paperback (trade & massmarket)
DB	CD-ROM
PC	Calendar
WW	Product with two items in different media, ex: book & CD-ROM

Sample Data & ONIX Excerpt

Product Form trade paper

```
<ProductForm shortname="b012">
  BC
</ProductForm>
```

What if this doesn't apply?

This applies to all products. Use **00** as a last resort if Code List 7 does not provide the proper product form code.

Product Form & Identifiers (cont'd)

Product Form Detail

PR.3.2 ●

The <ProductFormDetail> <b333> element uses Code List 78.

* Note: When the code **BC** is used in <ProductForm> <b012> the type (ex: mass market) of paperback should be clarified with <ProductFormDetail> <b333>.

Title, Series & Publisher Info

Title

PR.7.8 & 7.11-13 ●

Subtitle

PR.7.14 ●

This information is found within the Title composite. The Title is the full text of the distinctive title of a product. The Subtitle is the full text of a subtitle used for the product.

* Optionally, a **Text Case Flag** can be included. Values are:

Value	Description
01	sentence case (ex: The best title ever)
02	title case (ex: The Best Title Ever)
03	all capitals (ex: THE BEST TITLE EVER)
00	undefined case

**Defining the text case is also allowable in this option. Textcase can be used as an attribute modifying the entire Title Composite or any element within the composite. (Other attributes can be used, ex: language. See the ONIX 2.1 release for more details.)

Sample Data & ONIX Excerpt

Product Form mass market paperback

```
<ProductForm shortname="b012">
  BC
</ProductForm>
<ProductFormDetail shortname="b333">
  B101
</ProductFormDetail>
```

Option A *	Option B *	Option C [Preferred] **	Option D **
Title data is sent in separate elements: Distinctive Title and Subtitle (where applicable).	Words that should be ignored for alphabetical sorting can be sent separately. In this option, title data is sent using Title Prefix , Title Without Prefix and Subtitle .	Similar to Option A, Option C adds the Title Type element. Using repetitions, this additional element allows the maintenance of a number of different titles related to the product. For the Distinctive Title , a value of 01 is used in Title Type . These elements together are called a Title Composite .	Similar to Option B, Option D adds the Title Type element. Using repetitions, this additional element allows the maintenance of a number of different titles related to the product. For the Distinctive Title , a value of 01 is used in Title Type . These elements together are called a Title Composite .

Sample Data & ONIX Excerpt

Text Case	Title case
Distinctive Title	Best Title Ever, The
Title Without Prefix	<i>Best Title Ever</i>
Title Prefix	<i>The</i>
Subtitle	<i>A Compendium of Great Titles</i>

Option A

```
<TextCaseFlag shortname="b027">
  02
</TextCaseFlag>
<DistinctiveTitle shortname="b028">
  Best Title Ever, The
</DistinctiveTitle>
```

Option B

```
<TextCaseFlag shortname="b027">
  02
</TextCaseFlag>
<TitlePrefix shortname="b030">
  The
</TitlePrefix>
<TitleWithoutPrefix shortname="b031">
  Best Title Ever
</TitleWithoutPrefix>
```

```
<Subtitle shortname="b029">
  A Compendium of Great Titles
</Subtitle>
```

Option C [Preferred]

```
<Title>
  <TitleType shortname="b202">
    01
  </TitleType>
  <TitleText textcase="02"
shortname="b203">
    Best Title Ever, The
  </TitleText>
  <Subtitle textcase="02"
shortname="b029">
    A Compendium of Great Titles
  </Subtitle>
</Title>
```

Option D

```
<Title textcase="02">
  <TitleType shortname="b202">
    01
  </TitleType>
```

```
<TitleWithoutPrefix shortname="b031">
  Best Title Ever
</TitleWithoutPrefix>
<TitlePrefix shortname="b030">
  The
</TitlePrefix>
<Subtitle shortname="b029">
  A Compendium of Great Titles
</Subtitle>
</Title>
```

What if this doesn't apply?

Every product must have a Title outlined as per an option above. If the product does not have a Subtitle, leave this element out of the product record.

Title, Series & Publisher Info (cont'd)

Series Title	PR.5.6	●
Number Within Series	PR.5.7	●
Year of Annual	PR.5.8	●

The **Series** composite contains these elements. If the product is part of a series, data about the series and the product's place in it can be maintained.

Option A [Preferred]

Series Title is sent as a distinct element, without abbreviation or abridgement.

Number Within Series, the distinctive enumeration of the product's place within the series, is an optional element. The number of products in the series can be open-ended. Only the place of the current product (ex: **5th in the series**) is maintained.

Year of Annual, the nominal year of an annual publication, is another optional element. The value can be either a single year (ex: **2004**) or a span of two consecutive years (ex: **2003-2004**).

Option B

The **Series Title** can also be maintained using the **Title Composite** as outlined in the previous section.

What if this doesn't apply?

If the product is not part of a series, then indicate this with an empty **No Series Indicator** element.

Sample Data & ONIX Excerpt

Series Title The Publisher Reference Library

Series Title Without Prefix Publisher Reference Library

Series Title Prefix The

Number Within Series Volume 5

Year of Annual 2003-04

Option A [Preferred]

<Series>

<TitleOfSeries shortname="b018">

The Publisher Reference Library

</TitleOfSeries>

<NumberWithinSeries shortname="b019">

Volume 5

</NumberWithinSeries>

<YearOfAnnual shortname="b020">

2003-2004

</YearOfAnnual>

</Series>

Option B

<Series>

<Title textcase="02">

<TitleType shortname="b202">

01

</TitleType>

<TitleWithoutPrefix shortname="b031">

Publisher Reference Library

</TitleWithoutPrefix>

<TitlePrefix shortname="b030">

The

</TitlePrefix>

</Title>

<NumberWithinSeries shortname="b019">

Volume 5

</NumberWithinSeries>

<YearOfAnnual shortname="b020">

2003-2004

</YearOfAnnual>

</Series>

Sample Data & ONIX Excerpt (cont'd)

No series

```
<Title textcase="02">
  <TitleType shortname="b202">
    01
  </TitleType>
  <TitleWithoutPrefix shortname="b031">
    Best Title Ever
  </TitleWithoutPrefix>
  <TitlePrefix shortname="b030">
    The
  </TitlePrefix>
  <Subtitle shortname="b029">
    A Compendium of Great Titles
  </Subtitle>
</Title>
<NoSeries/>
```

Title, Series & Publisher Info (cont'd)

Publisher Name	PR.19.11	● ●
Imprint (or Brand Name)	PR.19.5	⊕ ●

<PublisherName> <b081> is the full name of the publisher issuing the product, in the form the publisher wishes to be identified. Generally it is the publisher that obtains the block of ISBNs.

<ImprintName> <b079> is the full name of the imprint or brand under which the product is issued, as it appears on the title page of the product.

Publishers' websites and the city and/or country of publication can be indicated. If the country of publication is mentioned, the two-letter ISO country code should be used. The code for Canada is **CA**.

Option A

Publisher Name and **Imprint Name** should be sent as separate elements.

Option B [Preferred]

Imprint Name can be sent as part of an **Imprint**

Composite. Publisher Name can be sent as part of a **Publisher Composite**. The latter should have at least **Publishing Role** and **Publisher Name**. This allows additional data to be sent about related publishing entities as follows:

Value	Publishing Role
01	Publisher
02	Co-publisher
03	Sponsor
04	Publisher of original-language version
05	Host/distributor of electronic content
06	Published for/on behalf of

* Note: Amazon currently requires the full Imprint composite to be present, or else they will default to the Publisher composite for your Imprint name. The Imprint composite must include the **<NameCodeValue> <b243>** tag, which Amazon recommends to be any alphanumeric code, 6-10 digits long with the first 2-4 digits being an alpha representation of your Imprint/Publisher name.

Sample Data & ONIX Excerpt

Publisher: Creative Book Publishing
Imprint: Killick Press

Option A

```
<ImprintName shortname="b079">  
  Killick Press  
</ImprintName >  
<PublisherName shortname="b081">  
  Creative Book Publishing  
</PublisherName >
```

Option B: [Preferred]

```
<Imprint>  
  <ImprintName shortname="b079">  
    Killick Press  
  </ImprintName >  
</Imprint>  
<Publisher>  
  <PublishingRole shortname="b291">  
    01  
  </PublishingRole>  
  <PublisherName shortname="b081">  
    Creative Book Publishing  
  </PublisherName>  
</Publisher>
```

What if this doesn't apply?

Every record must name a Publisher. If there is no Imprint, do not include any such element in the product record.

Title, Series & Publisher Info (cont'd)

Publishing Status	PR.20.1	●
-------------------	---------	---

<PublishingStatus> <b394> contains a 2-digit value from Code List 64. Publishing status is used to note the status of the product at the originating publisher. <ProductAvailability> <j396> (see below) should be used to note the availability of the product from a supplier.

What if this doesn't apply?

While this is currently an optional data element, it is strongly recommended as it may become mandatory in future releases of ONIX. Therefore, all product records should contain <PublishingStatus> <b394>.

Title, Series & Publisher Info (cont'd)

Publication Date PR.20.5 ●●

The `<PublicationDate>` `<b003>` of this product in the market in which it is first released (that is, under the current ISBN or other identifier, as distinct from the date of first publication of the work).

In advance information, this will be an **expected date**, which should be replaced by the actual date of publication when known. Catalog submission files are an example of this. The date should be given as precisely as possible, but in early notifications a month and year are sufficient; and for backlist titles the year of publication is sufficient.

The date can be rendered in 3 different ways:
YYYY: **2003**; YYYYMM: **200312**; or YYYYM-MDD: **20031231**.

Sample Data & ONIX Excerpt

```
<PublishingStatus shortname="b394">
02
</PublishingStatus>
<PublicationDate shortname="b003">
20010315
</PublicationDate>
```

Height, Width, Thickness & Weight

Measure Type Code	PR.22.1 ●●
Measure Unit Code	PR.22.3 ●●
Measurement	PR.22.2 ●●

The height, width, thickness & weight of each product is included in the repeatable `<Measure>` composite. Height, width and weight are required for Silver; Gold additionally requires thickness.

The `<MeasureTypeCode>` `<c093>` identifies the type of measurement being sent. Some codes are:

Value	Description
01	Height
02	Width
03	Thickness
04	Page trim height
05	Page trim width
08	Unit weight
09	Diameter (of a globe, for example)

Sample Data & ONIX Excerpt

<MeasureUnitCode> <c095> describes the scale of the measurement provided. The field-type is text. Available values are:

Value	Description
cm	Centimetres
gr	Grams
in	Inches (US)
lb	Pounds (US)
mm	Millimetres
oz	Ounces (US)

The <Measurement> <c094> field takes an integer with a maximum length of 6 characters including the decimal point.

```
<Measure>
  <MeasureTypeCode shortname="c093">
    08
  </MeasureTypeCode>
  <Measurement shortname="c094">
    500
  </Measurement>
  <MeasureUnitCode shortname="c095">
    gr
  </MeasureUnitCode>
</Measure>
<Measure>
  <MeasureTypeCode shortname="c093">
    01
  </MeasureTypeCode>
  <Measurement shortname="c094">
    6
  </Measurement>
  <MeasureUnitCode shortname="c095">
    in
  </MeasureUnitCode>
</Measure>
<Measure>
  <MeasureTypeCode shortname="c093">
    02
  </MeasureTypeCode>
  <Measurement shortname="c094">
    3
  </Measurement>
  <MeasureUnitCode shortname="c095">
    in
  </MeasureUnitCode>
</Measure>
<Measure>
  <MeasureTypeCode shortname="c093">
    03
  </MeasureTypeCode>
  <Measurement shortname="c094">
    1
  </Measurement>
  <MeasureUnitCode shortname="c095">
    in
  </MeasureUnitCode>
</Measure>
```

What if this doesn't apply?

When the publisher doesn't initially have the measurement data the record will need to be updated later.

Supplier, Availability & Prices

Supplier name

PR.24.6 ●●

The **<SupplyDetail>** composite contains availability and price information, and is repeatable for each supplier and market within which it holds distribution rights. A supplier may be a publisher's own trade order department, a third party undertaking order fulfillment for the publisher, a wholesaler or other intermediary.

<SupplierName> **<j137>** contains the name of a supply source from which a trade customer may order the product.

Product Availability

PR.24.22 ●●

Contained within the **<SupplyDetail>** composite, **<ProductAvailability>** **<j396>** is the product life cycle and product availability in one, non-repeating, mandatory code.

Note: This element is preferred over **<AvailabilityCode>** **<j141>**. Recommended practice is to use this new element, and, where possible and appropriate, to include the **<PublishingStatus>** **<b394>** element in **PR.20**.

* Requires **<ExpectedShipDate>** **<j142>**, except in exceptional circumstances where no date is known.

Sample Data & ONIX Excerpt

```
<SupplyDetail>
  <SupplierName shortname="j137">
    Fitzhenry and Whiteside Publishing
  </SupplierName>
</SupplyDetail>
```

Value	Description	Notes
1	Cancelled	Product was announced, and subsequently abandoned
10	Not yet available	*
11	Awaiting Stock	* Not yet available, but will be a stock item when available. Used particularly for imports which have been published in the country of origin but have not yet arrived in the importing country.
20	Available	Available from us. Form of availability unspecified.
21	In stock	Available from us as a stock item.

Supplier, Availability & Prices (cont'd)

Value	Description	Notes
22	To order	Available from us as a non-stock item, by special order.
23	Manufactured on demand	Available from us by manufacture on demand
30	Temporarily unavailable	* Temporarily unavailable from us, reason unspecified.
31	Out of stock	* Stock item, temporarily out of stock.
32	Reprinting	* Temporarily unavailable, reprinting.
33	Awaiting reissue	* Temporarily unavailable, awaiting reissue.
40	Not Available	Not available from us. Reason unspecified; if the reason is rights-related, it should be specified in PR.21.
41	Replaced by new product	This product is unavailable, but a successor product or edition is or will be available from us. Identify successor in <RelatedProduct> .
42	Other format available	This product is available, but the same content is or will be available from us in an alternative format. Identify other format product in <RelatedProduct> .
43	No longer supplied by us	Identify new supplier in <NewSupplier> if possible.
44	Apply direct	Not available to trade, apply direct to publisher.
45	Not sold separately	Must be bought as part of a set. Identify set in <RelatedProduct> .
46	Withdrawn from sale	Maybe for legal reasons or to avoid giving offence.
47	Remaindered	
99	Uncertain	Apply to customer service.

Sample Data & ONIX Excerpt

```

<SupplyDetail>
  <ProductAvailability shortname="j396">
    21
  </ProductAvailability>
</SupplyDetail>
  
```

Supplier, Availability & Prices (cont'd)

On Sale Date

PR.24.55

The `<OnSaleDate>` `<j143>` is used when a new product can be placed on sale by retailers in the market served by the supplier, and is used where applicable. This element is used when there is an embargo on sales to consumers before the stated date (ex: *Harry Potter*).

The on sale date is in the format **YYYYMMDD** and is part of the `<SupplyDetail>` composite.

Pack or Carton Quantity

PR.24.44

The quantity `<PackQuantity>` `<j145>` in each carton or binder's pack in stock currently held by the supplier. This element is placed in the `<SupplyDetail>` composite since it cannot be assumed that pack quantities will be the same for stock held at different suppliers. Enter a temporary value of "1" for unknown quantities.

Price

Price Type Code

PR.24.49

The `<Price>` composite is included in the `<SupplyDetail>` composite and contains the information about unit price and discount. It contains the `<PriceTypeCode>` `<j148>` element, a code indicating the type of price in the `<PriceAmount>` `<j151>` element. `<PriceTypeCode>` `<j148>` uses Code List 58. The preferred usage for the Canadian Market is to list the recommended retail price (RRP) without the inclusion of any sales taxes:

Value	Description
01	RRP excluding any sales tax or value-added tax

What if this doesn't apply?

This element should be considered mandatory unless the `<DefaultPriceTypeCode>` `<m185>` is declared in the Message Header.

Sample Data & ONIX Excerpt

```
<SupplyDetail>
  <OnSaleDate shortname="j143">
    20031201
  </OnSaleDate>
</SupplyDetail>
```

Sample Data & ONIX Excerpt

```
<SupplyDetail>
  <PackQuantity shortname="j145">
    24
  </PackQuantity>
</SupplyDetail>
```

Supplier, Availability & Prices (cont'd)

Terms of trade

PR.24.56 ●●

<ClassOfTrade> <j149> contains text indicating the terms of trade to which the price carried in an occurrence of the <Price> composite is applicable (ex: **Institutional**, **General trade**, **Wholesale distributor**), which may be represented by a suitable code or abbreviation agreed between trading partners. This element should be used only in the absence of a <DefaultClassOfTrade> <m193> in the message header, or when the class of trade is other than the default.

An example for general trade might be noted as:

```
<ClassOfTrade shortname="j149">  
  gen  
</ClassOfTrade>
```

Discount Percent

PR.24.61 ●●

<DiscountPercent> <j267> contains the supplier's discount percentage, applied to the value provided in <PriceAmount> <j151>. Values are two-digit numerical and represent the percentage value. This value should be used only when communicating details within the context of a specific trading relationship (i.e. between supplier and customer). When sending a data file outside of such a relationship, a NULL or blank value can be submitted.

What if this doesn't apply?

Specific data aggregators/customers within Canada treat this value as a mandatory element and will not accept a data file (ONIX or otherwise) without this information. For this reason at least one of Discount Percent, Discount Coded, ClassOfTrade or Default-ClassOfTrade is necessary to achieve certification.

Discount Coded

PR.24.58 - 24.60 ●●

<DiscountCoded> <discountcoded> contains the supplier's discount code agreed upon with individual trading partners, as opposed to an absolute value as in <DiscountPercent>.

* Note: Amazon and Indigo are both now recommending the DiscountCoded composite as the method of communicating discounts in any ONIX files they receive.

Price Amount

PR.24.63 ●●

<PriceAmount> <j151> is the retail price for the product and is mandatory.

What if this doesn't apply?

Products with a \$0.00 value (promotional material, bookmarks etc.) can be submitted with a 0.00 value in the price amount.

Supplier, Availability & Prices (cont'd)

Sample Data & ONIX Excerpt

Currency Code PR.24.64 ●●

Also part of the **<Price>** composite. The following table is a selection from Code List 96. The full list contains the rest of the ISO country codes. See note in the **Header** section.

Value	Description
AUD	Australian Dollar
CAD	Canadian Dollar
GBP	Pound Sterling
USD	US Dollar

```
<SupplyDetail>
  <Price>
    <PriceTypeCode shortname="j148">
      01
    </PriceTypeCode>
    <ClassOfTrade shortname="j149">
      gen
    </ClassOfTrade>
    <DiscountPercent shortname="j267">
      44
    </DiscountPercent>
    <PriceAmount shortname="j151">
      45.00
    </PriceAmount>
    <CurrencyCode shortname="j152">
      CAD
    </CurrencyCode>
  </Price>
</SupplyDetail>
```

Returns Conditions Code PR.24.19 ●●

Returns Conditions Code Type PR.24.18 ●●

Contained in the **<SupplyDetail>** composite, the **<ReturnsCodeType>** **<j268>** and **<ReturnsCode>** **<j269>**, are both non-repeating.

The following Table lists the different values available for **<ReturnsCodeType>**.

Value	Description
1	French book trade returns conditions code
2	BISAC Returnable Indicator code
3	UK book trade returns conditions code

<ReturnsCode> **<j269>** uses the BISAC returns codes as values.

Supplier, Availability & Prices (cont'd)

Code	Description
Y	Yes, returnable, full copies only
N	No, not returnable
C	Conditional, contact publisher for requirements and/or authorization
S	Yes, returnable, stripped cover

Sample Data & ONIX Excerpt

```
<SupplyDetail>
  <ReturnsCodeType shortname="j268">
    2
  </ReturnsCodeType>
  <ReturnsCode shortname="j269">
    Y
  </ReturnsCode>
</SupplyDetail>
```

What if this doesn't apply?

Every record should contain this information.

Territorial Rights & Sales Restrictions

Part of the **Sales Rights** composite, this element is covered under PR.21 and allows the publisher to indicate whether the product can or cannot be sold in a particular territory. This may be different from the rights actually held by the publisher, or the territories covered by a particular supplier.

Option A

The data can be sent in two repeatable elements, the second of which takes one of two forms. The first element is the **Sales Rights Type Code**, which has three possible values:

Code	Description
01	for sale with exclusive rights
02	for sale with non-exclusive rights
03	not for sale

The second element takes the form of either listing the countries to which the **Sales Rights Type** applies (**Rights Country**), or listing the territories (**Rights Territory**). If the countries are listed, then the values for each country must conform to the two-letter country codes defined by Code List 91. Each code in the list should be divided by a space. Codes for the major English-language markets are:

Code	Name
CA	Canada
US	United States of America
GB	United Kingdom
IE	Ireland
AU	Australia
NZ	New Zealand
ZA	South Africa

Territorial Rights & Sales Restrictions (cont'd)

The alternative is to list certain **Rights Territory** codes, as defined in Code List 49. Most importantly, these codes include:

Code	Description
WORLD	throughout the world
ROW	world except as marked otherwise

At a minimum, Canada (**CA**), the United States (**US**) and the United Kingdom (**GB**) must appear on one of the lists (or be covered by a **WORLD** or **ROW** code).

Option B

For this option, send the data as outlined in Option A, but instead of the **Sales Rights Type** of **03** (not for sale), a **Not For Sale** composite is used. This allows the identification of the equivalent product that can be sold in that territory.

<NotForSale> contains at least two elements: **Rights Country** or **Rights Territory**; and either the **ISBN**, **EAN-13**, or **Publisher**.

Sample Data & ONIX Excerpt

Exclusive Rights: Canada
Non-Exclusive Rights: none
Not For Sale: rest of the world
Equivalent Product: 1899899001 in the U.S.
0765412345 in the U.K.
(published by Wacky Books)

Option A

```
<SalesRights>
  <SalesRightsType shortname="b089">
    01
  </SalesRightsType>
  <RightsCountry shortname="b090">
    CA
  </RightsCountry>
</SalesRights>
<SalesRights>
  <SalesRightsType shortname="b089">
    03
  </SalesRightsType>
```

```
<RightsCountry shortname="b090">
  US GB
</RightsCountry>
</SalesRights>
Option B
<SalesRights>
  <SalesRightsType shortname="b089">
    01
  </SalesRightsType>
  <RightsCountry shortname="b090">
    CA
  </RightsCountry>
</SalesRights>
<SalesRights>
  <SalesRightsType shortname="b089">
    03
  </SalesRightsType>
  <RightsTerritory shortname="b388">
    ROW
  </RightsTerritory>
</SalesRights>
```

What if this doesn't apply?

Every record should contain this information.

Authorship

Contributor Sequence Number	PR.8.1	⊕ ●
Contributor Role	PR.8.2	○ ●
Contributor Name	PR.8.8 & 8.10	⊕ ●
Corporate Contributor Name	PR.8.26	⊕ ●

Contributor Sequence Number must be indicated for products that have multiple named contributors. Contributors should be ordered in sequence based on the importance of their contribution to the product. The primary contributor to a product should be indicated with a sequence number of **1**.

Contributor Role refers to the function of a person or corporate body in the creation of a book or product. **Contributor Name** refers to a person or body contributing to the creation of the product.

Authorship and other forms of contribution are described in the **<Contributor>** composite, which must contain two elements:

1. a **<Contributor Role>** **<b035>** code and
2. one or more representations of a person name

or a corporate name.

The contributor name can be supplied in a series of distinct, structured elements:

Person name part	PR
1: title before names	8.7
2: names before key names	8.8
3: prefix to key name	8.9
4: key name(s)	8.10
5: names after key names	8.11
6: suffix after key names	8.12
7: qualifications and honours after names	8.13
8: titles after names	8.14

* Note: Person name parts 2 and 4 are both required as a minimum for Silver and Gold Certification.

What if this doesn't apply?

Every record should name a contributor. If this is not possible use the **<NoContributor>** element, PR.8.36.

Sample Data & ONIX Excerpt

Contributor: Professor Margaret A. Atwood, PhD

```
<Contributor>
  <SequenceNumber shortname="b034">
    1
  </SequenceNumber>
  <ContributorRole shortname="b035">
    A01
  </ContributorRole>
  <TitlesBeforeNames shortname="b038">
    Professor
  </TitlesBeforeNames>
  <NamesBeforeKey shortname="b039">
    Margaret A.
  </NamesBeforeKey>
  <KeyNames shortname="b040">
    Atwood
  </KeyNames>
  <SuffixToKey shortname="b248">
    Ph.D
  </SuffixToKey>
</Contributor>
Corporate Contributor: Goethe Institute
<Contributor>
  <ContributorRole shortname="b035">
    A01
  </ContributorRole>
  <CorporateName shortname="b047">
    Goethe Institute
  </CorporateName>
</Contributor>
```

Authorship (cont'd)

Biographical Note

PR.8.27



Part of the **Contributor** composite, this element is a biographical note about a contributor to a product. May occur with a person name or with a corporate name. **Biographical Note** should always contain the name of the person or body concerned and be presented as a piece of continuous text consisting of full sentences. Some recipients of ONIX data feeds will not accept text that contains embedded URLs. A contributor website link can be sent using the **<Website>** composite.

Sample Data & ONIX Excerpt

```
<Contributor>
  <BiographicalNote shortname="b044">
    Umberto Eco, professor at the University of
    Bologna, is one of the world's bestselling
    novelists.
  </BiographicalNote>
</Contributor>
```

Country Code

PR.8.33



A code identifying a country particularly associated with a contributor, when this is significant for the marketing of a product, located within the **Contributor** composite. Use **CA** to indicate the primary author is a Canadian citizen. **Country Code** is optional and, although repeatable, aggregators only plan to use one regional code per record. BNC therefore recommends using this for the primary geographical region associated with the author.

Two-letter, upper-case, approved ISO 3166-1 country code values for this element are in Code List 91.

Sample Data & ONIX Excerpt

```
<Contributor>
  <CountryCode shortname="b251">
    CA
  </CountryCode>
</Contributor>
```

Language

Language Role	PR.11.3	<input type="radio"/>	<input checked="" type="radio"/>
Language Code	PR.11.4	<input type="radio"/>	<input checked="" type="radio"/>

Language Role and **Language Code** are found in the **<Language>** composite to represent a language and specify its role. The composite must contain two elements:

1. **<LanguageRole>** **<b253>**
2. **<LanguageCode>** **<b252>**

Sample Data & ONIX Excerpt

```
Language Role:      01
Language:           English
<Language>
  <LanguageRole shortname="b253">
    01
  </LanguageRole>
  <LanguageCode shortname="b252">
    eng
  </LanguageCode>
</Language>
```

What if this doesn't apply?

Every record representing a book or publication should have a corresponding language composite.

Set & Edition Details

Number of Volumes	PR.3.9	<input type="radio"/>	<input checked="" type="radio"/>
-------------------	--------	-----------------------	----------------------------------

The number of volumes or pieces that make up a set.

If the product is homogeneous (all the items or pieces which constitute the product have the same form) the number of items may be included here.

Sample Data & ONIX Excerpt

```
Number of Volumes: 3
<NumberOfPieces shortname="b210">
  3
</NumberOfPieces>
```

What if this doesn't apply?

If the product does not contain number of volumes, or pieces that make up a set, leave this element out of the record.

Set & Edition Details (cont'd)

Title of Set	PR.6.6 ●
Number within a Set (Volume Number)	PR.6.9 ●

In the **Set** composite, `<TitleOfSet> <b023>` is the full title of the set. Either `<TitleOfSet> <b023>` or an instance of the `<Title>` composite must be present.

`<ItemNumberWithinSet> <b026>` is the distinctive enumeration of the product as an item within a set.

What if this doesn't apply?

If the product does not have a volume number, leave this element out of the product record.

Sample Data & ONIX Excerpt

Title: A Great Encyclopedia of The World

Volume Number: Volume 1

```
<Set>
  <TitleOfSet shortname="b023">
    A Great Encyclopedia of The World
  </TitleOfSet>
  <ItemNumberWithinSet shortname="b026">
    Volume 1
  </ItemNumberWithinSet>
</Set>
```

Edition Number	PR.10.2 ●
----------------	-----------

`<EditionNumber> <b057>` is the number of a numbered edition. Normally this element is sent only for the second and subsequent editions of a work; however, if agreed by the ONIX exchange partners, a first edition may be explicitly numbered.

Sample Data & ONIX Excerpt

Edition Number: 2

```
<EditionNumber shortname="b057">
  2
</EditionNumber>
```

What if this doesn't apply?

If the work does not have an edition number, leave this element out of the product record.

Set & Edition Details (cont'd)

Edition Statement

PR.10.4

<EditionStatement> <b058> is a short free-text description of a version or edition.

Sample Data & ONIX Excerpt

Edition Statement: 2nd edition, revised

```
<EditionStatement shortname="b058">  
  2nd edition, revised  
</EditionStatement>
```

What if this doesn't apply?

If the work does not have an edition statement, leave this element out of the product record.

Extents & Other Content

Number of Illustrations

PR.12.7

<NumberOfIllustrations> <b125> is the total number of illustrations in a book, or other printed product when the number is stored as a simple numeric field.

Sample Data & ONIX Excerpt

Number of Illustrations: 64

```
<NumberOfIllustrations shortname="b125">  
  64  
</NumberOfIllustrations>
```

What if this doesn't apply?

If the product does not have illustrations, or the number of illustrations is not stored as a simple numeric field, leave this element out of the record.

Illustrations and Other Contents Note

PR.12.8

<IllustrationsNote> <b062> is a free text comment field for books or other text media. The text may also include other content items, ex: maps, bibliography, tables, index, etc.

What if this doesn't apply?

If the work does not have illustrations, leave this element out of the product record.

Sample Data & ONIX Excerpt

Illustration and Other Contents Note:
500 illustrations, 210 in full colour

```
<IllustrationsNote shortname="b062">  
  500 illustrations, 210 in full colour  
</IllustrationsNote>
```

Extents & Other Content (cont'd)

Number of Pages

PR.12.1  

<NumberOfPages> <b061> indicates the total number of pages in a printed product. If a product has two separate numbering systems (e.g. **xviii + 344**), the numbers in each sequence may be added together to obtain an overall total. If the product is a multi-volume set, enter the total number of pages for all the volumes combined.

What if this doesn't apply?

If the product is not a book, or other printed product, leave this element out of the product record.

Sample Data & ONIX Excerpt

Number of Pages: 442
<NumberOfPages shortname="b061">
442
</NumberOfPages >

Subject & Audience

Main Subject - BISAC

PR.13.1 

Every record should contain a **BISAC Subject code** (including out of print and unavailable records) as many retailers and aggregators require this element. <BASICMainSubject> <b064> uses the BISAC Subject Headings Code List, obtainable by contacting BISG (www.bisg.org/standards/bisac_subject/).

* Note: The element's reference name was assigned during a period when BISAC changed to BASIC. Now officially reverted to BISAC, the element name cannot be changed for reasons of upwards compatibility.

What if this doesn't apply?

All product records must contain a BISAC main subject category. Usage of the non-classifiable code, NON000000, is not recommended. Canadian Regional Themes are only indicated when relevant.

Canadian Regional Themes

PR.13.9 & PR.13.12

The <Subject> composite is used to communicate whether a title has a Canadian theme or subject. Use relevant **BISAC Region Codes** for North America (www.bisg.org/standards/region_codes_n.america.html) in <SubjectCode> <b069> and a value of **11** in <SubjectSchemeIdentifier> <b067> to indicate the **BISAC Region Code** scheme.

Sample Data & ONIX Excerpt

Title: *The Annex: The Story of a Toronto Neighbourhood*
BISAC Region Code: 4.0.2.0.9.1.0

```
<Subject>
  <SubjectSchemeIdentifier shortname="b067">
    11
  </SubjectSchemeIdentifier>
  <SubjectCode shortname="b069">
    4.0.2.0.9.1.0
  </SubjectCode>
</Subject>
```

Subject & Audience (cont'd)

Audience Restriction Flag	PR.24.45	●
Audience Restriction Note	PR.24.46	●
Audience Code	PR.14.1	●

The two fields **<AudienceRestrictionFlag>** **<j146>** and **<AudienceRestrictionNote>** **<j147>** are used together in the **<SupplyDetail>** composite.

The **Audience Restriction Flag** is used when a publisher wants to restrict supply of a particular title to a particular audience (ex: an answer book provided only to teachers). Use the code **R** in this field.

When a record that indicates the code **R** in **Audience Restriction Flag** a corresponding **Audience Restriction Note** (free text) must be provided.

<AudienceCode> **<b073>** uses Code List 28. This element identifies a broad audience or readership for which the product is intended.

Sample Data & ONIX Excerpt

Audience Restriction Flag: R
Audience Restriction Note: an answer book only for teachers
Audience Code: 05 (college/higher education)

```
<BASICMainSubject shortname="b064">  
  ARC007000  
</BASICMainSubject>  
<AudienceCode shortname="b073">  
  05  
</AudienceCode>  
<SupplyDetail>  
  <AudienceRestrictionFlag shortname="j146">  
    R  
  </AudienceRestrictionFlag>  
  <AudienceRestrictionNote shortname="j147">  
    An answer book available only to teachers  
  </AudienceRestrictionNote>  
</SupplyDetail>
```

Descriptions & Other Supporting Text

Text	PR.15.5	●
Text Type Code	PR.15.3	●
Text Format	PR.15.4	●

The **<OtherText>** composite is a repeatable group of data elements identifying and either including or providing pointers to enhanced written content data such as detailed written descriptions about a book, biographical notes about the contributors, review blurbs, samples from the text of the book, etc.

The following types of **<OtherText>** or descriptive elements are commonly seen as the most useful ones in the industry today and are recommended as a solid starting ground for publishers.

*Note: For BookNet Canada's Gold Standard Main Description is

What if this doesn't apply?

Optional for Silver, required for Gold. For most records in a typical data file a strict restriction is not likely to apply, and you can leave both null.

Descriptions & Other Supporting Text (cont'd)

Value	Name	Description
01	Main Description *	A general use description that offers a customer a basic summary of what to expect from this book. Standard length of such a description is often a single paragraph.
08	Review Quote	One or more groups of "fair use" blurbs from reviews that highlight or headline the book in question and of which the source is always clearly identified.
13	Biographical Note	Also known as an "about the author" or "about the contributors" blurb, this can be as simple as a single line statement about the author, a long description broken into several paragraphs, or even biographical notes for the many contributors attributed to the book.

mandatory.

The Text Type Code identifies the type of text which will be sent in the Text element. Sample codes are:

Code	Description
01	Main Description
04	Table of Contents
08	Review Quote
17	Flap Copy

Text Format identifies the format that the Text is sent in or is referenced to in the Text Link. The acceptable Text Format codes are:

Code	Description
00	ASCII text (Default)
01	SGML
02	HTML
03	XML

Text would include the complete text referred to in the Text Type Code.

Sample Data & ONIX Excerpt

Text Type Code: 01
 Text Format: 02
 Text: With a special introduction by the Nebula-Award winning author of *Timescape*, *Cosmo*, and *Eater*, Gregory Benford.

```
<OtherText>
  <TextTypeCode shortname="d102">
    01
  </TextTypeCode>
  <TextFormat shortname="d103">
    02
  </TextFormat>
  <Text shortname="d104">
    With a special introduction by
    the Nebula-Award winning author of
    <i><b>Timescape</b></i>, <b></b></i><b>Cosmo</b></i></b>, and <i><b>Eater</b></i></b>,
    <b>Gregory Benford.</b>
  </Text>
</OtherText>
```


Descriptions & Other Supporting Text (cont'd)

Text Link Type	PR.15.6	●
Text Link	PR.15.7	●

When descriptions and other text data are available from a specified FTP location rather than embedded within an ONIX document, an option to specify the link from where to retrieve that text is available.

However, BNC recommends sending this data using the previously outlined method.

<TextLinkType> <d105> is required if the <Text> <d104> element is not populated, and indicates where the text being referred to in <TextType-Code> <d102> can be retrieved. Sample values for the <TextLinkType> <d105> are:

Code	Description
01	URL
04	FTP address
05	File name

<TextLink> <d106> refers to the specific link, address or filename referred to in **Text Link Type**.

Sample Data & ONIX Excerpt

Text Type Code: 01
Text Type Format: 00
Text Link Type: 05
Text Link:
ftp.dummycontentfiles.com

```
<OtherText>
  <TextTypeCode shortname="d102">
    01
  </TextTypeCode>
  <TextFormat shortname="d103">
    02
  </TextFormat>
  <TextLinkType shortname="d105">
    05
  </TextLinkType>
  <TextLink shortname="d106">
    ftp.contentfiles.com
  </TextLink>
</OtherText>
```

Cover Image

Image/Audio/Video file type code	PR.16.4	●
Image/Audio/Video file link code	PR.16.7	●
Image/Audio/Video file link	PR.16.8	●

The **Cover Image** element is included in the <MediaFile> composite.

The <MediaFile> composite is a repeatable group of data elements identifying and providing pointers to multimedia content data such as cover images, author/contributor photos, logos, etc.

What if this doesn't apply?

This content is typically meant to provide additional information to your titles in an online environment. These data elements need not be provided in an ONIX document file unless you are attempting to meet BookNet Canada's Gold Standard.

Cover Image (cont'd)

The `<MediaFileTypeCode <f114>` identifies the type of file that is being linked to. Values for this element are taken from Code List 38. Sample codes are:

Code	Description
04	Front cover image
08	Contributor Image

The `<MediaFileLinkTypeCode <f116>` identifies the type of link that is given in the `<MediaFileLink <f117>` element. Values for this element are taken from Code List 40. Some sample codes are:

Code	Name	Example
01	URL	http://www.yoursite.com
05	filename	cover.jpg

The `<MediaFileLink <f117>` is the link, or location, of the file in the format specified in the file link type element.

Sample Data & ONIX Excerpt

```
<MediaFile>
  <MediaFileTypeCode shortname="f114">
    04
  </MediaFileTypeCode>
  <MediaFileLinkTypeCode shortname="f116">
    01
  </MediaFileLinkTypeCode>
  <MediaFileLink shortname="f117">
    http://www.booknetcanada.com/0747551006.jpg
  </MediaFileLink>
</MediaFile>
```

What if this doesn't apply?

This content is typically meant to provide additional information to your titles in an online environment. These data elements need not be provided in an ONIX document file unless you are attempting to meet BookNet Canada's Gold Standard.

Related Products

Relation Code	PR.23.7	⊕ ●
Product Identifier Type Code	PR.23.9	⊕ ●
Identifier Value	PR.23.12	⊕ ●
Out-of-print date	PR.23.34	⊕ ●

The `<RelatedProduct>` composite is recommended for use when handling replacement ISBNs and contains values from Code List 51 as well as an instance of the `<ProductIdentifier>` composite, as outlined in PR.23.10 for related product. It should not be confused with `<ProductIdentifier>` as outlined in PR 2.9, used for separate product records.

For reasons of upwards compatibility, individual fields for the ISBN-10 and EAN-13 are available in the `<RelatedProduct>` composite however, use of the nested `<ProductIdentifier>` composite is preferred, as it allows any recognized identifier scheme (e.g. DOI) to be used.

Mandatory in each occurrence of the `<RelatedProduct>` composite and non-repeating, the **Relation Code** identifies the nature of the relationship

between two products (ex: **replaced by**).

The minimum required content in an occurrence of the **<RelatedProduct>** composite is:

1. **<RelationCode>** **<h208>**
2. A product identifier or a **<ProductForm>** **<b012>** value. In other words, it is valid to list related products by relationship and identifier only, or by relationship and form only.

It is recommended either code **03** (replaces) or code **05** (replaced by) from Code List 51 be indicated along with an OP date that refers to the record product, not to the related product.

Sample Data & ONIX Excerpt

The **<Product>** record is a replacement for the product listed in the **<RelatedProduct>** composite:

```
<RelatedProduct>
  <RelationCode shortname="h208">
    03
  </RelationCode>
  <ProductIdentifier>
    <ProductIDType shortname="b221">
      02
    </ProductIDType>
    <IDValue shortname="b244">
      1896300715
    </IDValue>
  </ProductIdentifier>
</RelatedProduct>
```

The **<Product>** record is being replaced by the product listed in the **<RelatedProduct>** composite:

```
<RelatedProduct>
  <RelationCode shortname="h208">
    05
  </RelationCode>
  <ProductIdentifier>
    <ProductIDType shortname="b221">
      02
    </ProductIDType>
    <IDValue shortname="b244">
      1896300715
    </IDValue>
  </ProductIdentifier>
</RelatedProduct>
<OutOfPrintDate shortname="h134">
  20041010
</OutOfPrintDate>
```

Related Products (cont'd)

Interpeting the Related Product Codes

If the main record is X and the related product is Y, the codes should be interpreted like this:

Code	Description
01	X includes Y
02	X is part of Y
03	X replaces Y
05	X is replaced by Y
06	X is available in an alternative format as Y
07	X has ancillary product Y
08	X is ancillary to Y
09	X is remaindered as Y
10	X is remainder of Y
12	X has a publisher's suggested alternative Y
13	X is an epublication based on (print product) Y
14	X is an epublication "rendered" as Y
15	X is a "rendering" of an epublication Y
16	X is a POD replacement for Y
17	X is replaced by POD Y

What if this doesn't apply?

This composite is only for specific books being replaced by another ISBN. It is generally used with OP or OSI status, or for books that change yearly like travel guides etc, where applicable.

Appendix

Product Form & Identifiers

Data Element	Description	ONIX
Other product identifiers	ISMN, DOI, LCCN and GTIN as other means to identify product	PR.2.7, 9
Product features	Further description of binding colour, text font, markers, fasteners etc.	PR.3.3-5
Packaging	A series of fields if similar items are packaged	PR.3.7, 9
Product content	Specific content within a format, e.g. of a CD	PR.3.11
Contained items	A series of fields to describe the format of different items packaged together	PR.3.14-28
Product classification	A series of fields to describe international commodity classifications	PR.3.29-31
Epublication type	Type of e-book; possibilities for version #, descriptions and specific format	PR.4.1-6

Supplier, Availability & Price

Data Element	Description	ONIX
Sales Restrictions	Description of non-geographical sales restrictions which a publisher applies to a product (e.g. a particular sales outlet)	PR.21.13-17

Title, Series & Publisher Information

Data Element	Description	ONIX
Related titles	Title in other languages, former title etc.	PR.7.8-13
Work identifiers	To identify a work(s) within the product, related websites or academic theses	PR.7.15-23
Series identifier	ISSN or publisher's own coding	PR.5.3-5.5
Series contributors	Contributor(s) for entire series	PR.5
Related publishing organizations	e.g. co-publisher, sponsor, publisher of original-language version	PR.19.7-11
Websites of publishers	Website purpose, description and URL	PR.19.12-14
Place of publication	City and country of publication	PR.19.15-16

Appendix (cont'd)

Authorship

Data Element	Description	ONIX
Contributor Sequence Number	A number which specifies a single overall sequence of contributor names	PR.8.1
Contributor Role	A code indicating the role played by a person or corporate body in the creation of the product	PR.8.2
Contributor Sequence Number within Role	A number specifying the sequence of contributor names within a specified role, for applications that require this form of numbering	PR.8.4
Contributor Name	Various ways for presenting the name of a person or corporate body that contributed to the creation of the product	PR.8.5 – PR.8.26
Biographical Note	A biographical note about the contributor to the product	PR.8.26
Unnamed Person(s)	A code allowing a positive indication that authorship is unknown or anonymous	PR.8.32
No Authorship indicator	A positive indication that a product has no stated authorship	PR.8.34

Language

Data Element	Description	ONIX
Language Role and Language Code	Identifies the role of a specified language in the context of an ONIX record	PR.11.3 – PR.11.4
Country Code	Identifies the country when this specifies a variant of the language (i.e., US English)	PR.11.5
Language from which a translation was made	Used only when the Contributor Role code indicates a Translator; to specify the language from which the translation was made	PR.8.3
Set & Edition Details		
Data Element	Description	ONIX
Set detail	A series of fields that provide additional detail relevant to set title, subset numbers, subset titles and sequence numbers.	PR.6.6-11
Religious text	A series of fields that provide information relevant to religious texts and bibles.	PR.10.6-16

Appendix (cont'd)

Extents and Other Content

Data Element	Description	ONIX
Extents	A series of fields that provide additional information about non-print products. Example: Playing time of a CD.	PR.12.4-6
Illustrations and other content	A series of fields that identify and describe a variety of illustration types.	PR.12.9-12.11

Product Form & Identifiers

Data Element	Description	ONIX
Audience Code	BISAC/BIC code identifying intended audience or readership	PR.14.2
Audience Restriction Flag	Used where publisher wishes to restrict sales to specific audiences	PR.24.43
Audience Restriction Note	A note providing details for the restriction noted in a positive restriction flag	PR.24.44

Descriptions & Other Supporting Text

Data Element	Description	ONIX
Text Type Code	Identifies the type of text being sent	PR.15.3
Text Format	Identifies the format of the text being sent	PR.15.4
Text	The text specified in Text Type Code	PR.15.5
Text Link Type	Code identifying link type given in Text Link	PR.15.6
Text Link	A link to the text specified in Text Type Code	PR.15.7

Sample Gold ONIX File

The following is an example of a Gold certified ONIX file. Some companies use short tags and others use the longer reference tags (depending on the file size). Both are included below for the purposes of illustration.

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE ONIXMessage SYSTEM
"http://www.editeur.org/onix/2.1/03/reference/onix-international.dtd">
<ONIXMessage>
  <Header>
    <FromSAN shortname="m173">
      12345
    </FromSAN>
    <FromCompany shortname="m174">
      Booknet Canada
    </FromCompany>
    <ToSAN shortname="m177">
      67890
    </ToSAN>
    <ToCompany shortname="m178">
      Booknet Canada
    </ToCompany>
```

```
    <SentDate shortname="m182">
      20040120
    </SentDate>
<!--Optional defaults for LanguageOfText, PriceTypeCode
and CurrencyCode can go here -->
  </Header>
  <Product>
    <RecordReference shortname="a001">
      0747551006
    </RecordReference>
    <NotificationType shortname="a002">
      03
    </NotificationType>
    <ProductIdentifier>
      <ProductIDType shortname="b221">
        02
      </ProductIDType>
      <IDValue shortname="b244">
        0747551006
      </IDValue>
    </ProductIdentifier>
    <ProductIdentifier>
      <ProductIDType shortname="b221">
        03
      </ProductIDType>
```

```
      <IDValue shortname="b244">
        9780747551007
      </IDValue>
    </ProductIdentifier>
    <ProductIdentifier>
      <ProductIDType shortname="b221">
        04
      </ProductIDType>
      <IDValue shortname="b244">
        85392246724
      </IDValue>
    </ProductIdentifier>
    <Barcode shortname="b246">
      02
    </Barcode>
    <ProductForm shortname="b012">
      BB
    </ProductForm>
    <ProductFormDetail shortname="b333">
      B101
    </ProductFormDetail>
    <NumberOfPieces shortname="b210">
      1
    </NumberOfPieces>
```



```

<Series>
  <TitleOfSeries shortname="b018">
    Harry Potter
  </TitleOfSeries>
  <NumberWithinSeries shortname="b019">
    5
  </NumberWithinSeries>
  <YearOfAnnual shortname="b020">
    2003
  </YearOfAnnual>
</Series>
<Set>
  <TitleOfSet shortname="b023">
    There really isn't one.
  </TitleOfSet>
  <ItemNumberWithinSet shortname="b026">
    00
  </ItemNumberWithinSet>
</Set>
<Title>
  <TitleType shortname="b202">
    01
  </TitleType>
  <TitleText shortname="b203">
    Harry Potter and the Order of the Phoenix
  </TitleText>

```

```

  <Subtitle shortname="b029">
    Magical
  </Subtitle>
</Title>
<Contributor>
  <ContributorRole shortname="b035">
    A01
  </ContributorRole>
  <NamesBeforeKey shortname="b039">
    J. K.
  </NamesBeforeKey>
  <KeyNames shortname="b040">
    Rowling
  </KeyNames>
  <BiographicalNote shortname="b044">
    Lives somewhere in the U.K.
  </BiographicalNote>
  <CountryCode shortname="b251">
    UK
  </CountryCode>
</Contributor>
<EditionNumber shortname="b057">
  1
</EditionNumber>
<EditionStatement shortname="b058">
  This is a first edition!
</EditionStatement>

```

```

<Language>
  <LanguageRole shortname="b253">
    01
  </LanguageRole>
  <LanguageCode shortname="b252">
    eng
  </LanguageCode>
</Language>
<NumberOfPages shortname="b061">
  768
</NumberOfPages>
<NumberOfIllustrations shortname="b125">
  0
</NumberOfIllustrations>
<IllustrationsNote shortname="b062">
  Just on the cover.
</IllustrationsNote>
<BASICMainSubject shortname="b064">
  ARC007000
</BASICMainSubject>

```

```

<Subject>
  <SubjectSchemeIdentifier shortname="b067">
    11
  </SubjectSchemeIdentifier>
  <SubjectCode shortname="b069">
    1.1.2.0.0.0
  </SubjectCode>
</Subject>
<AudienceCode shortname="b073">
  03
</AudienceCode>
<OtherText>
  <TextTypeCode shortname="d102">
    02
  </TextTypeCode>
  <TextFormat shortname="d103">
    00
  </TextFormat>
  <Text shortname="d104">
    Harry Potter is due to start his fifth year at
    Hogwarts School of etc.
  </Text>
</OtherText>
<MediaFile>
  <MediaFileTypeCode shortname="f114">
    07
  </MediaFileTypeCode>

```

```

  <MediaFileLinkTypeCode shortname="f116">
    01
  </MediaFileLinkTypeCode>
  <MediaFileLink shortname="f117">
    0747551006.jpg
  </MediaFileLink>
</MediaFile>
<Imprint>
  <ImprintName shortname="b079">
    Bloomsbury Children's
  </ImprintName>
</Imprint>
<Publisher>
  <PublishingRole shortname="b291">
    01
  </PublishingRole>
  <PublisherName shortname="b081">
    Bloomsbury
  </PublisherName>
</Publisher>
  <PublishingStatus shortname="b394">
    04
  </PublishingStatus>

```

```

  <PublicationDate shortname="b003">
    20030621
  </PublicationDate>
  <SalesRights>
    <SalesRightsType shortname="b089">
      02
    </SalesRightsType>
    <RightsCountry shortname="b090">
      US CA
    </RightsCountry>
  </SalesRights>
  <Measure>
    <MeasureTypeCode shortname="c093">
      08
    </MeasureTypeCode>
    <Measurement shortname="c094">
      500
    </Measurement>
    <MeasureUnitCode shortname="c095">
      gr
    </MeasureUnitCode>
  </Measure>
  <Measure>
    <MeasureTypeCode shortname="c093">
      01
    </MeasureTypeCode>

```

```

<Measurement shortname="c094">
  6
</Measurement>
<MeasureUnitCode shortname="c095">
  in
</MeasureUnitCode>
</Measure>
<Measure>
  <MeasureTypeCode shortname="c093">
    02
  </MeasureTypeCode>
  <Measurement shortname="c094">
    3
  </Measurement>
  <MeasureUnitCode shortname="c095">
    in
  </MeasureUnitCode>
</Measure>
<Measure>
  <MeasureTypeCode shortname="c093">
    03
  </MeasureTypeCode>
  <Measurement shortname="c094">
    1
  </Measurement>

```

```

<MeasureUnitCode shortname="c095">
  in
</MeasureUnitCode>
</Measure>
<SupplyDetail>
  <SupplierName shortname="j137">
    Sales Agent: Allen&Unwin / Distributor:
    Alliance Distribution Services
  </SupplierName>
  <ReturnsCodeType shortname="j268">
    02
  </ReturnsCodeType>
  <ReturnsCode shortname="j269">
    Y
  </ReturnsCode>
  <ProductAvailability shortname="j396">
    21
  </ProductAvailability>
  <OnSaleDate shortname="j143">
    20030623
  </OnSaleDate>
  <PackQuantity shortname="j145">
    1
  </PackQuantity>

```

```

<AudienceRestrictionFlag shortname="j146">
  R
</AudienceRestrictionFlag>
<AudienceRestrictionNote shortname="j147">
  Not suitable for Muggles.
</AudienceRestrictionNote>
<Price>
  <PriceTypeCode>
    01
  </PriceTypeCode>
  <ClassOfTrade>
    gen
  </ClassOfTrade>
  <DiscountPercent shortname="j267">
    44
  </DiscountPercent>
  <PriceAmount shortname="j151">
    45.00
  </PriceAmount>
  <CurrencyCode shortname="j152">
    CAD
  </CurrencyCode>
</Price>
</SupplyDetail>
</Product>
</ONIXMessage>

```

Document Change Control

Author	Version	Change
BookNet	1.3	Added full links to validation section.
BookNet	1.3	Fixed <EditionNumber> <b057> from 'one' to '1' in the sample file.
BookNet	1.3	Fixed a typo in the Contributor section to have name parts 2 and 4 recommended, not 2 and 5.
BookNet	1.4	Added a 'Note on Character Sets'
BookNet	1.4	Did some document restructuring
BookNet	1.4	Fixed an error in the 'Subject & Audience' section that had the <AudienceRestrictionFlag> <j146> and <AudienceRestriction-Note> <j147> elements in the <Product> root instead of in the <SupplyDetail> composite.
BookNet	1.5	Added the Related Products section.
BookNet	1.5	Added the BISAC subject entry that was missing from earlier editions.
BookNet	1.5	Added Publishing Status and Price Type Code elements.
BookNet	1.8	Clarified definition of On Sale Date
BookNet	1.8	Added a 'Note About Tags' section
BookNet	1.8	Added a 'Note about Indigo and other Data Aggregators'

Author	Version	Change
BookNet	1.8	Added <SequenceNumber> <b034> to the Contributor section.
BookNet	1.9	Added short tags to document after any reference tags.
BookNet	2.0	Fixed PR reference number for <SupplierName>
BookNet	2.0	Added note about Amazon.com's Imprint needs.
BookNet	2006 06	Included new data element <CountryCode> to <Contributor> composite.
BookNet	2006 09	Redesign of the BNC ONIX Guidebook.
BookNet	2006 10	Included new data element <Subject> composite to indicate Canadian Regional Themes.
BookNet	2007 05	Added note that Amazon and Indigo now want DiscountCoded composite as the method to transmit discounts in ONIX.