Canadian Bibliographic Standard

BOOKNET CANADA

Overview

Version 2.0
September 25, 2006

What's in Scope
This document covers the bibliographic data elements required for the main product types sold in the Canadian book supply chain: maps, books, audio books, mixed media packs (in which the main element is a book or audio book), maps and related promotional packs.

What's not in Scope
This document does not cover position file data (a weekly or daily update containing product availability/stock level and pricing). Nor does it cover the alternative methods used to send some data elements such as cover images which, while mentioned in ONIX 2.1 as a URL destination for pickup, are currently traded via FTP.

Audience
Relevant to all levels of the bibliographic supply chain, the Canadian Bibliographic Standard is for Canadian and foreign-owned publishers and distributors supplying data via catalogs through to fully compliant ONIX 2.1 files. More specifically, within those companies, this document is geared towards information managers and computer system designers either designing a database or implementing ONIX 2.1, and marketing departments determining the core minimum standards for bibliographic data elements in Canada. The Canadian Bibliographic Standard also illustrates some of the ways to trade enhanced content via ONIX 2.1.

A Three-Phased Approach
The Canadian Bibliographic Standard is a specification for the content and format of the data elements required for a basic product record. To set priorities around bibliographic data and its movement throughout the supply chain, three levels are included in this document.

The Bronze Standard
The minimum bibliographic data elements a publisher must supply about a book, required by most aggregators in Canada. They are considered mandatory and must be included in every record transmitted. If the data element is not mandatory, it can be omitted from a record and the record may still be valid (ex: subtitle is a conditional element and must be sent *if it exists*). It does not mean the data element is less important; all data elements in the three levels should be regarded as essential when they are applicable to the data. The Bronze Standard can be transmitted in different electronic formats. This level can be certified when transmitted using the BNC Bronze Template, available from our website at www.booknetcanada.com.

The Silver Standard
Consists of all data elements identified in the Bronze Standard. Only the format is different; it must be transmitted in ONIX 2.1 and can be certified.

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The Gold Standard

Consists of all data elements identified in the Silver Standard, along with additional marketing elements. This file is also transmitted via ONIX 2.1 and can be certified.

Status of the Standard

The Canadian Bibliographic Standard is a minimum set of data elements which should be available in an accurate and timely form throughout the Canadian bibliographic supply chain. Publishers, distributors, data aggregators, online retailers and others will need enhanced product information for an increasing number of applications, so the Silver standard must be seen as a *priority* subset of a complete product record, not as the complete record itself. The three levels of the Canadian Bibliographic Standard help companies adopt ONIX 2.1 as the standard transmission method of bibliographic data elements along with some best practices associated with them.

The specifications of each data element prescribe the form in which basic product information is transmitted from one computer system to another, not how the information should be held within a local database (though a local database sending or receiving these data elements must maintain a certain level of compatibility).

Composite Data Elements

Many individual elements in this standard are grouped into composite data. This usually reflects that they form a sometimes repeatable, linked group. It is necessary to consider all the data elements within a composite when using it. It is not the intention of this document to prescribe how either individual or composite data elements should be represented in a database.

Code Lists

Code lists are subject to change. The code lists assumed throughout this document are ONIX 2.1 code lists and are used by recipients on all sides of the supply chain - both publishers outputting data and aggregators receiving data. The code lists change independently and more frequently than the ONIX spec. Visit www.editeur.org to be sure you have the latest version.

Legend

● Optional data field
● Required for Bronze certification
◕ Required (if applicable) for Bronze certification
○ Required for Silver certification
⊕ Required (if applicable) for Silver certification
● Required for Gold certification
◓ Required (if applicable) for Gold certification

Data Element	Levels	Description	Composite	PR	Code List	How to Use
Product Form & Identifiers						
· ISBN-10	● ○ ●	10-digit International Standard Book Number.	<ProductIdentifier>	2.7 & 2.9	5	ProductIdentifierTypeCode contains value of **02**, IdentifierValue contains unhyphenated 10 digits.
· EAN	● ○ ●	EAN-UCC article number. Both the EAN and ISBN-13 should be included.	<ProductIdentifier>	2.7 & 2.9	5	ProductIdentifierTypeCode contains value of **03**, IdentifierValue contains unhyphenated 13 digits.
· ISBN-13	● ○ ●	13-digit International Standard Book Number, from 2007.	<ProductIdentifier>	2.7 & 2.9	5	ProductIdentifierTypeCode contains value of **15**, IdentifierValue contains unhyphenated 13 digits.
· UPC	⊕ ⊕ ⊕	Universal Product Code.	<ProductIdentifier>	2.7 & 2.9	5	ProductIdentifierTypeCode contains value of **04**, IdentifierValue contains unhyphenated 12 digits. Used where available.
· Barcode Indicator	●	Indicator as to whether or not a product is barcoded.	none	2.10	6	Value of **00** for not barcoded; **01** for barcoded.
· Product Form Code	● ○ ●	Indicates primary form of product.	none	3.1	7	2-character value. ProductFormDescription can be used if suitable code is not available.
· Product Form Detail	⊕ ⊕ ⊕	Provides added detail to Product Form.	none	3.2	78	4-character value in format of 1 letter followed by 3 numeric digits.
Title, Series & Publisher Information						
·Title Text	● ○ ●	Text of product's title specified by TitleTypeCode.	<Title>	7.8 & 7.11-13	15	TitleTypeCode contains value of **01**. TitleText contains full text value; prefix at end preferred.
· Subtitle	⊕ ⊕ ⊕	Full text of product's subtitle, if applicable.	<Title>	7.14		Free text value in title case with initial capitals. Max. length 300 characters.
· Series Title or Indicator	⊕ ⊕ ⊕	Full title of product's series, if applicable.	<Series>	5.6 & 5.9		Free text value, without abbreviations or abridgement. Max. length 300 characters.

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Data Element	Levels	Description	Composite	PR	Code List	How to Use
· Number Within Series	🟠	Distinctive enumeration of a product within a series.	\<Series\>	5.7		Free text, suggested max. length 20 characters.
· Year of Annual	🟠	Nominal year of an annual publication.	\<Series\>	5.8		May be entered as either a single year YYYY or a span of two consecutive years YYYY-YYYY.
· Replacement ISBN	🟤⊕🟡	Identification of new product replacing current product.	\<RelatedProduct\>	23.7 & 23.10-12	51	RelationCode contains 2-digit value with Product Identifier composite indicating related ISBN.
· Publisher Name	🟤⚪🟡	Name of an entity associated with publishing of a product.	\<Publisher\>	19.11		Free text, max. 100 characters.
· Imprint (or Brand Name)	🟤⊕🟡	Name of imprint or brand of a product.	\<Imprint\>	19.5		Free text, max. 100 characters.
Supplier, Availability & Price						
· Publication Date	🟤⚪🟡	Date of first publication of product in market in which first released.	none	20.5		8 numeric digits in format YYYYMMDD. Enter values of **01** for unknown months and/or days.
· On Sale Date	🟣	First date a product can be placed on sale. Only used where a strict embargo is enforced.	\<SupplyDetail\>	24.35		8 numeric digits in format YYYYMMDD. Enter values of **01** for unknown months and/or days.
· Weight	🟤⚪🟡	Weight of product and units of measurement.	\<Measure\>	22.1-3	48 / 50	Variable length real number, with explicit decimal point when required, suggested max. length 6 characters including decimal point.
· Dimensions (Height, Width)	🟤⚪🟡	Height and width of products and units of measurement.	\<Measure\>	22.1-3	48 / 50	Variable length real number, with explicit decimal point when required, suggested max. length 6 characters including decimal point.
· Dimensions (Depth)	🟡	Depth of product and units of measurement.	\<Measure\>	22.1-3	48 / 50	Variable length real number, with explicit decimal point when required, suggested max. length 6 characters including decimal point.

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Data Element	Levels	Description	Composite	PR	Code List	How to Use
· Publishing Status	●	Identifies status of a published product.	none	20.1	64	Fixed-length, 2 numeric digits.
· Product Availability	●○●	Indicates product availability from a supplier. Used by both publishers and intermediary suppliers.	none	24.22	65	Fixed length, 2 numeric digits.
· Price Amount	●○●	Amount of a unit price.	<SupplyDetail> / <Price>	24.63 & 24.49	58	Unit price indicated in PriceAmount, with its price type in PriceTypeCode.
· Currency Code	●○●	Currency in which unit price is listed, unless it is default currency for exchange.	<SupplyDetail> / <Price>	24.64	96	ISO 4217 standard code, 3 characters (ex: CAD).
· Pack or Carton Quantity	●○●	Quantity in each carton or binder's pack in stock currently held by supplier.	<SupplyDetail>	24.44		Variable-length integer, suggested max. length 4 digits. Enter value **01** for unknown quantities.
· Returns Conditions Code	●○●	BISAC returns conditions indicator.	<SupplyDetail>	24.18 & 24.19	53 / 66	ReturnsTypeCode contains value of **02**, ReturnsCode contains single alpha character from code list 66.
· Supplier Name	○●	Name of a supply source from which product may be ordered by a trade customer.	<SupplyDetail>	24.6		Free text, suggested max. length 100 characters.
· Terms of Trade	●○●	General discount terms of trade offered by publisher. No longer recommended way to provide discount.	<SupplyDetail> / <Price>	24.56		Any code or abbreviation agreed upon between trading partners. Text, suggested max. length 50 characters.
· Discount Percentage	●○●	Peer to peer code indicating percentage of discount on product. No longer recommended way to provide discount.	<SupplyDetail> / <Price>	24.61		Variable-length numeric, including decimal point if required, suggested max. length 6 characters.

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Data Element	Levels	Description	Composite	PR	Code List	How to Use
· Discount Coded	●○●	Group of data elements together defining a discount code from specified scheme. Currently recommended way of providing discount information.	<SupplyDetail> / <Price>	24.58 - 24.60	100	Discount code from specified scheme, whether proprietary or otherwise.
· Territorial Rights & Sales Restrictions	●○●	Identification of type of sales rights or exclusion applied in named territories.	<SalesRights>	21.1 & 21.2	46 & 91	Country/territory codes.
Authorship & Language						
· Contributor Sequence Number	⊕⊕	When multiple contributors are present, a number which specifies a single overall sequence of contributor names.	<Contributor>	8.1		Variable-length integer: 1, 2, 3 etc., suggested max. length 3 digits. Non-repeating.
· Contributor Role	●○●	Role played by a person or corporate body in creation of product.	<Contriubutor>	8.2	17	Fixed-length, 1 letter and 2 numeric digits (i.e.: 'A01' = Author). Repeatable.
· Contributor Name - Key Name	●○●	Key name (usually surname) normally used to open an entry in an alphabetical list.	<Contriubutor>	8.10		Free text, provided as a distinct data element. Part 4 of a structured person name.
· Contributor Name - Names Before Key	⊕●	Names (usually first name and middle name or initial) immediately preceding contributor's key name.	<Contriubutor>	8.8		Free text, provided as a distinct data element. Part 2 of a structured person name.
· Corporate Contributor Name	⊕⊕	Name of an organization, staff or corporate contributor.	<Contriubutor>	8.26		Free text. Unstructured name of a corporate body.
· Biographical Note	●	Biographical note about a contributor to product.	<Contributor>	8.27	74	Free text, suggested max. length 500 characters.
· Country Code	●	Code identifying country with which a contributor is particularly associated when significant for marketing of a product.	<Contriubutor>	8.33	91	Fixed-length, 2 letters. **Note:** ISO 3166-1 specifies country codes shall be sent as upper case only.

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Data Element	Levels	Description	Composite	PR	Code List	How to Use
· Language	●○◉	Language of product.	<Language>	11.4	74	Fixed-length, 3 lower-case letters (i.e.: 'eng' = English). ISO 639-2/B code indicating language of publication (Default ENG).
Set & Edition Details						
· Number of Volumes	◉	Number of volumes, or pieces, making up a set.	none	3.9		All items within set must have same form. Variable length integer, suggested max. length 4 digits.
· Number Within a Set (Volume Number)	◉	Distinctive enumeration of product as an item within a set.	<Series>	6.9		Free text, suggested max. length 20 characters.
· Edition Number	◉	Number of a product's numbered edition.	none	10.2		Variable length integer, suggested maximum length 4 digits.
· Edition Statement	◉	Description of a version or edition of product.	none	10.4		Must carry a complete description of nature of edition, limited to describing edition features, not rights information. Free text, suggested max. length 100 characters.
Extents & Other Content						
· Number of Illustrations	◉	Total number of illustrations in a book or other printed product.	none	12.7		Variable length integer, suggested max. length 6 digits.
· Illustrations & Other Contents Note	◉	Text stating number and type of illustrations. May include other content items (ex: maps, bibliography, tables, index etc.).	none	12.8		Free text, suggested max. length 200 characters.

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Data Element	Levels	Description	Composite	PR	Code List	How to Use
· Number of Pages	●○●	Indication of total number of pages in a book or other printed product.	none	12.1		Sum of roman and Arabic numbers, reported in Arabic. Variable length integer, suggested max. length 6 digits.
Subject & Audience						
· BISAC Subject	●○●	BISAC subject category code identifying main subject of product.	none	13.1		Fixed-length, 3 upper-case letters and 6 numeric digits. Contact info@bisg.org or visit www.bisg.org/publications for details.
· Canadian Regional Theme	●	BISAC Regional Code indentifying themes or subjects in the product related to Canadian regions.	<Subject>	13.9 & 13.12	27	SubjectSchemeIdentifier contains value of **11**. SubjectCode contains code from North American list of BISAC Regional Codes www.bisg.org/standards/region_codes_n.america.html.
· Audience Code	●	BISAC/BIC code identifying intended audience or readership.	none	14.1	28	2-digit numeric code. Repeatable.
· Audience Restriction Flag	⊕	Used where publisher wishes to restrict sales to specific audiences.	<SupplyDetail>	24.45	56	Provisional single character value only used when restrictions are in place and must be accompanied by a supporting AudienceRestrictionNote.
· Audience Restriction Note	⊕	Note providing details for restriction noted in a positive restriction flag.	<SupplyDetail>	24.46		Free text supporting Audience Restriction indicator for a non-territorial restriction on supply (such as teacher's editions, etc).
Descriptions & Other Supporting Text						
· Cover Image	●	Image of front cover of book; usually a link to jacket cover repository.	<MediaFile>	16.4, 16.7 & 16.8	38 & 40	2-digit numeric code indicating format of image. Use value of **04** to indicate cover image.

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Data Element	Levels	Description	Composite	PR	Code List	How to Use
· Text Type Code	●	Identifies type of text sent in Text element (ex: Bio-graphical note, Review quote, Back cover copy etc.).	<OtherText>	15.3	33	2-digit numeric code indicating format of **OtherText**. Non-repeating.
· Text Format	●	Identifies format of text sent in Text element.	<OtherText>	15.4	34	2-digit numeric code indicating format of **OtherText**. Default value of **00** denotes ASCII text.
· Main Description	●	Main description of product to appear on aggregators' websites.	<OtherText>	15.5		TextTypeCode contains value of **01**, Text contains free text.

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