



**ONIX Product Information  
Release 2.0  
Overview and Summary  
List of Data Elements**

Jointly with  
Book Industry Communication, London  
Book Industry Study Group, New York

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

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## 1. Acknowledgements

*ONIX Product Information Standards* are the first of a range of *ONIX International XML* messaging standards developed and maintained by EDItEUR and various associated organisations. They are the outcome of a collaboration between three separate initiatives, in the USA, the UK, and internationally.

The name *ONIX* and the idea of a standard aimed primarily at enabling publishers to supply “rich” product information to Internet booksellers originated with a meeting in July 1999 organized by the Association of American Publishers (AAP) and attended by over sixty publishers, online booksellers, and others. As a result of that meeting, the AAP funded and managed a fast-track project during the last quarter of 1999 which led to the publication of *ONIX Version 1* in January 2000.

In the UK, in the context of the Publishers Association / Booksellers Association Supply Chain Project, Book Industry Communication (BIC) developed a minimum standard for product information to meet the needs of retail booksellers. Published in 1998 under the name *BIC Basic*, the standard began to be implemented in 1999, with an accreditation scheme for publishers who could demonstrate compliance. Also in 1999, BIC began work on a more extensive data element set for “rich” product information.

Internationally, EDItEUR developed the *EPICS Data Dictionary* for book trade product information, with initial sponsorship from Baker & Taylor, Book Data, R.R. Bowker, Ingram, OCLC and Whitaker.

In bringing these diverse activities to a common conclusion, a large number of individuals and companies have played a part, in particular:

Carol Risher of AAP steered the original *ONIX* project from its inception to its successful conclusion, with Evelyn Sasmor of McGraw-Hill as Chair of the AAP’s *ONIX* Committee. Evelyn Sasmor now chairs the US *ONIX* International Policy Committee.

Sandy Paul, as Managing Agent for BISG, coordinated US implementation of *ONIX* International until April 2001, when Frank Daly, Executive Director of BISG, took over this responsibility.

Internationally, the development of *ONIX* is the responsibility of the EDItEUR *ONIX* International Steering Committee, which is chaired by Michael Holdsworth of Cambridge University Press.

Chris Burns, of Christopher Burns Inc. (<http://www.cburns.com/>), publishing and information industry consultant, developed the *ONIX Version 1 Guidelines for Information Exchange*.

David Martin, consultant to BIC and EDItEUR, was principally responsible for preparing the documents released initially as *ONIX International* and now re-titled *ONIX Product Information Standards*, since it has become clear that the scope of *ONIX* is no longer limited to book trade product information.

Francis Cave, of Francis Cave Digital Publishing (<http://www.franciscave.com/>), developed and maintains the XML DTD which defines the *ONIX XML Product Information* message.

In addition, many other individuals have contributed, and continue to contribute, time and effort to the development of *ONIX International*, by serving as members of one of the *ONIX* national groups, or as *ONIX* users, or in other ways.

## 2. Introduction

This document is an overview of ONIX standards for representing and communicating product information from the book and related media industries in electronic form. ONIX aims to achieve the following objectives:

- To cover books and, progressively, other media.
- To meet the practical information needs of all sectors of the industry, including in particular, but not limited to, publishers and online vendors.
- To provide structures which can reflect the realities of national and international rights, distribution, pricing and availability.
- To be usable in a multilingual marketplace.
- Very importantly, to incorporate the core content which has been specified in national initiatives such as BIC Basic and AAP's ONIX project.
- Finally, to build where possible on what EDItEUR's EPICS and the **<indecs>** Project had already done to establish sound models for metadata in a future electronic environment.

The ONIX standards are maintained by EDItEUR under the direction of an international steering group. The secretariat of EDItEUR and of the ONIX International Steering Group is located at Book Industry Communication (BIC) in London.

US implementation and input to the international steering group are co-ordinated through the ONIX International Policy Committee of the Book Industry Study Group (BISG).

UK implementation and input to the international steering group are co-ordinated through the BIC Product Metadata Committee.

National ONIX user groups have also been established in France and Germany, and there is an emerging regional group in Latin America. All of these initiatives are represented on the EDItEUR ONIX International Steering Group.

If you have comments, questions or suggestions for improvements to ONIX Product Information Standards, please send them to one of the following contact points:

For the USA: Frank Daly, BISG, email [frank@bookinfo.org](mailto:frank@bookinfo.org)

For the UK and all other countries: Brian Green, EDItEUR, email [brian@bic.org.uk](mailto:brian@bic.org.uk)

### 3. Release 2.0 notes

Release 2.0 is a very major release, which:

- (a) Adds coverage of epublications (or “ebooks”);
- (b) Adds many new elements which have been requested by national groups;
- (c) Adds an ability to handle series and subseries structures by sending separate ONIX records, linked to records for the products which belong to them by suitable series / subseries identifiers. However, it is recognized that most ONIX implementations will probably not need to adopt this approach, and these new record types are therefore described in two separate documents forming part of this release;
- (d) Adds a nested “content item” structure, which in the first instance is defined to a level which allows a book table of contents to be sent in a structured form, but which has been designed with a view to other media applications; and
- (f) Makes one structural change to improve the logic by which the elements are grouped, and to facilitate planned developments for other media.

Because of the extent of the changes, they are not listed in this *Overview*. Please see the “Release Notes” section at the front of each individual *Guidelines* document.

#### Reissued with corrections, 2 August 2001

- General The flag (R) denoting a repeating element has been added to a number of composite and individual elements, where it was inadvertently omitted.
- Page 7 Section numbers in the heading in the middle of the page have been corrected.
- Page 11 Numbering in Group PR.5 has been corrected (also on pages 24 and 27)
- Page 18 Details of Group 18 have been inserted, having been omitted from the document issued on 27 July.

## 4. Using ONIX product information standards

Previous issues of this *Overview* have referred to ONIX as having two levels of implementation, Level 1 and Level 2. Level 1 was conceived as a simplified subset which would be sufficient to meet the needs of many, particularly smaller, book publishers.

In the event, two things have happened during the first year of ONIX practise. The overwhelming majority of implementations have been at Level 2; and it has become clear as the ONIX development team has responded to demands for broader coverage and added functionality that it would be impossible for a Level 1 structure to be developed in parallel.

Consequently the ONIX committees have resolved that Level 1 should not be extended, though the capabilities which it provided under Release 1.2.1 will be maintained until further notice, and will be available within the Release 2.0 DTD.

The Release 2.0 documentation no longer refers to Level 2. It includes a minimally revised version of the Level 1 *Guidelines*, and it refers otherwise to "full ONIX" implementation.

**New users should follow the "full ONIX" approach: Level 1 is not recommended for any new implementations.**

"Full ONIX" now includes three record types within a single product information message format: the <Product> record, the <MainSeries> record, and the <SubSeries> record. The latter two have been added to meet the particular needs of an application identified by the German user group, and it is expected that most ONIX implementations will continue to use only the <Product> record.

This **Overview** includes a summary list of all the data elements and composites in the ONIX product information message, including all these three record types.

The complete package of material for Release 2.0 is in six parts, in addition to the *Overview*. All are available from the EDItEUR website, <http://www.editeur.org/>. Most new and existing users will need items 1,4 and 5:

### 1. **Guidelines: <Product> Record**

A comprehensive guide to the complete ONIX data element set, for all senders or receivers of book industry product information in ONIX format.

### 2. **Guidelines: <MainSeries> Record**

### 3. **Guidelines: <SubSeries> Record**

Outline specifications of these two new record types, which are largely built up of elements from the <Product> record. Strictly for those who have a business need to handle series detail outside of the <Product> record.

### 4. **XML Message Specification**

Details of the XML message format, message header content, and recommended use of certain XML features. These were formerly included as sections F and G of the Level 2 *Guidelines* (now the <Product> Record *Guidelines*), but have now been made into a separate document.

## 5. XML DTD

The XML definition of the ONIX product information message. The DTD consists of a number of linked text files. Together, they constitute a formal definition which allows standard XML software to parse, verify and operate on the content of any correctly-formulated ONIX product information message.

The files also carry sufficient notes to enable a user who is familiar with the principles of XML to understand how they are constructed and how they should be used.

## 6. Guidelines for Publishers, Level 1

A concise guide to the Level 1 ONIX product information subset.

One other document is being issued simultaneously with Release 2.0, but with its own separate issue numbering. Entitled **ONIX Epublication Codes**, it gives a number of code lists which are required in ONIX to enable epublication types and formats to be specified. Because of the speed of change in this area, these codes will be updated and extended independently of ONIX releases.



## 5. Summary list of data elements: key

This summary list shows all the product data elements which occur in Release 2.0 of ONIX Product Information Standards, whether at Level 1 or Level 2, in the sequence and grouping in which they are listed in the various *Guidelines* documents.

There are four sections: message header, <Product> record, <MainSeries> record and <SubSeries> record.

### Key to tables in Sections 6 to 9

Numbers in column 2 of each table are cross-references to the relevant sections of *ONIX Product Information Guidelines*.

XML Reference Names in column 3 are the plain English names used in the XML DTD for readability, and which may also be used in messages.

Tags in column 4 are the short names also defined in the XML DTD for use in messages where conciseness is considered more important than readability.

Letter (R) in parentheses means that the element or composite is repeatable.

## 6. Message header

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Message header data elements</b>			
<i>Header composite</i>		<Header>	
Sender EAN number	MH.1	<FromEANNumber>	<m172>
Sender SAN	MH.2	<FromSAN>	<m173>
Sender company name	MH.3	<FromCompany>	<m174>
Sender contact	MH.4	<FromPerson>	<m175>
Sender email	MH.5	<FromEmail>	<m283>
Addressee EAN number	MH.6	<ToEANNumber>	<m176>
Addressee SAN	MH.7	<ToSAN>	<m177>
Addressee company name	MH.8	<ToCompany>	<m178>
Addressee contact	MH.9	<ToPerson>	<m179>
Message sequence number	MH.10	<MessageNumber>	<m180>
Message repeat number	MH.11	<MessageRepeat>	<m181>
Message creation date/time	MH.12	<SentDate>	<m182>
Message note	MH.13	<MessageNote>	<m183>
Default language of text	MH.14	<DefaultLanguageOfText>	<m184>
Default price type	MH.15	<DefaultPriceTypeCode>	<m185>
Default currency	MH.16	<DefaultCurrencyCode>	<m186>
Default linear unit	MH.17	<DefaultLinearUnit>	<m187>
Default unit of weight	MH.18	<DefaultWeightUnit>	<m188>
Default class of trade	MH.19	<DefaultClassOfTrade>	<m193>
<i>End of header composite</i>			

## 7. <Product> record

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Record reference number, type and source</b>			
Record reference number	PR.1.1	<RecordReference>	<a001>
Notification or update type code	PR.1.2	<NotificationType>	<a002>
Reason for deletion code	PR.1.3	<DeletionCode>	<a198>
Reason for deletion text	PR.1.4	<DeletionText>	<a199>
Record source type code	PR.1.5	<RecordSourceType>	<a194>
Record source identifier type	PR.1.6	<RecordSourceIdentifierType>	<a195>
Record source identifier	PR.1.7	<RecordSourceIdentifier>	<a196>
Record source name	PR.1.8	<RecordSourceName>	<a197>
<b>Product numbers</b>			
ISBN	PR.2.1	<ISBN>	<b004>
EAN-13 number	PR.2.2	<EAN13>	<b005>
U.P.C.	PR.2.3	<UPC>	<b006>
Publisher's product number	PR.2.4	<PublisherProductNo>	<b007>
ISMN	PR.2.5	<ISMN>	<b008>
DOI	PR.2.6	<DOI>	<b009>
<i>Product identifier composite (R)</i>		<ProductIdentifier>	
Product identifier type code	PR.2.7	<ProductIDType>	<b221>
Identifier type name	PR.2.8	<IDTypeName>	<b233>
Identifier value	PR.2.9	<IDValue>	<b244>
<i>End of product identifier composite</i>			
Barcode indicator	PR.2.10	<Barcode>	<b246>
Replaces ISBN	PR.2.11	<ReplacesISBN>	<b010>
Replaces EAN-13 number	PR.2.12	<ReplacesEAN13>	<b011>

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Product form</b>			
Product form code	PR.3.1	<ProductForm>	<b012>
Book form detail (R)	PR.3.2	<BookFormDetail>	<b013>
Product form description	PR.3.3	<ProductFormDescription>	<b014>
Number of pieces	PR.3.4	<NumberOfPieces>	<b210>
<i>Contained item composite (R)</i>		<ContainedItem>	
Contained ISBN	PR.3.5	<ISBN>	<b004>
Contained EAN-13 number	PR.3.6	<EAN13>	<b005>
Contained item product form code	PR.3.7	<ProductForm>	<b012>
Contained item book form detail	PR.3.8	<BookFormDetail>	<b013>
Contained item product form description	PR.3.9	<ProductFormDescription>	<b014>
Number of pieces	PR.3.10	<NumberOfPieces>	<b210>
Contained item quantity	PR.3.11	<ItemQuantity>	<b015>
<i>End of contained item composite</i>			
<i>Product classification composite (R)</i>		<ProductClassification>	
Product classification type code	PR.3.12	<ProductClassificationType>	<b274>
Product classification code	PR.3.13	<ProductClassificationCode>	<b275>
<i>End of product classification composite</i>			
<b>Epublication detail</b>			
Epublication type code	PR.4.1	<EpubType>	<b211>
Epublication type version number	PR.4.2	<EpubTypeVersion>	<b212>
Epublication type description	PR.4.3	<EpubTypeDescription>	<b213>
Epublication format code	PR.4.4	<EpubFormat>	<b214>
Epublication format version number	PR.4.5	<EpubFormatVersion>	<b215>
Epublication format description	PR.4.6	<EpubFormatDescription>	<b216>
Epublication source format code	PR.4.7	<EpubSource>	<b278>
Epublication source format version no	PR.4.8	<EpubSourceVersion>	<b279>
Epublication source format description	PR.4.9	<EpubSourceDescription>	<b280>
Epublication type note	PR.4.10	<EpubTypeNote>	<b277>

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Series</b>			
<i>Series composite</i> (R)		<Series>	
ISSN of series	PR.5.1	<SeriesISSN>	<b016>
Publisher's series code	PR.5.2	<PublisherSeriesCode>	<b017>
<i>Series identifier composite</i>		<SeriesIdentifier>	
Series identifier type code	PR.5.3	<SeriesIDType>	<b273>
Identifier type name	PR.5.4	<IDTypeName>	<b233>
Identifier value	PR.5.5	<IDValue>	<b244>
<i>End of series identifier composite</i>			
Series title	PR.5.6	<TitleOfSeries>	<b018>
<i>Contributor composite</i> (R)		<Contributor>	
As in PR.8			
<i>End of contributor composite</i>			
Number within series	PR.5.7	<NumberWithinSeries>	<b019>
Year of annual	PR.5.8	<YearOfAnnual>	<b020>
<i>End of series composite</i>			
<b>Set</b>			
<i>Set composite</i> (R)		<Set>	
ISBN of set	PR.6.1	<ISBNOfSet>	<b021>
EAN-13 number of set	PR.6.2	<EAN13OfSet>	<b022>
<i>Product identifier composite</i> (R)		<ProductIdentifier>	
As in PR.2			
<i>End of product identifier composite</i>			
Title of set	PR.6.3	<TitleOfSet>	<b023>
Set part number	PR.6.4	<SetPartNumber>	<b024>
Set part title	PR.6.6	<SetPartTitle>	<b025>
Number within set (volume number)	PR.6.6	<ItemNumberWithinSet>	<b026>
Set item title	PR.6.7	<SetItemTitle>	<b281>
<i>End of set composite</i>			

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Title</b>			
Text case flag	PR.7.1	<TextCaseFlag>	<b027>
Distinctive title of product	PR.7.2	<DistinctiveTitle>	<b028>
Title prefix	PR.7.3	<TitlePrefix>	<b030>
Title text without prefix	PR.7.4	<TitleWithoutPrefix>	<b031>
Subtitle of product	PR.7.5	<Subtitle>	<b029>
Translation-of title	PR.7.6	<TranslationOfTitle>	<b032>
Former title (R)	PR.7.7	<FormerTitle>	<b033>
<i>Title composite (R)</i>		<Title>	
Title type	PR.7.8	<TitleType>	<b202>
Abbreviated title length	PR.7.9	<AbbreviatedLength>	<b276>
Text case flag	PR.7.10	<TextCaseFlag>	<b027>
Title text	PR.7.11	<TitleText>	<b203>
Subtitle	PR.7.12	<Subtitle>	<b029>
<i>End of title composite</i>			
<i>Work identifier composite (R)</i>		<WorkIdentifier>	
Work identifier type code	PR.7.13	<WorkIDType>	<b201>
Identifier type name	PR.7.14	<IDTypeName>	<b233>
Identifier value	PR.7.15	<IDValue>	<b244>
<i>End of work identifier composite</i>			

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Authorship</b>			
<i>Contributor composite</i> (R)		<Contributor>	
Contributor sequence number	PR.8.1	<SequenceNumber>	<b034>
Contributor role code (R)	PR.8.2	<ContributorRole>	<b035>
Language from which translated (R)	PR.8.3	<LanguageCode>	<b252>
Person name	PR.8.4	<PersonName>	<b036>
Person name, inverted	PR.8.5	<PersonNameInverted>	<b037>
Person name part 1	PR.8.6	<TitlesBeforeNames>	<b038>
Person name part 2	PR.8.7	<NamesBeforeKey>	<b039>
Person name part 3	PR.8.8	<PrefixToKey>	<b247>
Person name part 4	PR.8.9	<KeyNames>	<b040>
Person name part 5	PR.8.10	<NamesAfterKey>	<b041>
Person name part 6	PR.8.11	<SuffixToKey>	<b248>
Person name part 7	PR.8.12	<LettersAfterNames>	<b042>
Person name part 8	PR.8.13	<TitlesAfterNames>	<b043>
<i>Name composite</i> (R)		<Name>	
Person name type	PR.8.14	<PersonNameType>	<b250>
Fields PR.8.4 to fields PR.8.13 are all available as part of the composite			
<i>End of name composite</i>			
Professional position	PR.8.15	<ProfessionalPosition>	<b045>
Affiliation	PR.8.16	<Affiliation>	<b046>
Corporate contributor name	PR.8.17	<CorporateName>	<b047>
Biographical note	PR.8.18	<BiographicalNote>	<b044>
Contributor description	PR.8.19	<ContributorDescription>	<b048>
Unnamed persons	PR.8.20	<UnnamedPersons>	<b249>
<i>End of contributor composite</i>			
Contributor statement	PR.8.21	<ContributorStatement>	<b049>

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Conference</b>			
Conference description	PR.9.1	<ConferenceDescription>	<b050>
Conference role	PR.9.2	<ConferenceRole>	<b051>
Conference name	PR.9.3	<ConferenceName>	<b052>
Conference number	PR.9.4	<ConferenceNumber>	<b053>
Conference date	PR.9.5	<ConferenceDate>	<b054>
Conference place	PR.9.6	<ConferencePlace>	<b055>
<b>Edition</b>			
Edition type code (R)	PR.10.1	<EditionTypeCode>	<b056>
Edition number	PR.10.2	<EditionNumber>	<b057>
Edition version number	PR.10.3	<EditionVersionNumber>	<b217>
Edition statement	PR.10.4	<EditionStatement>	<b058>
<b>Language</b>			
Language of text (R)	PR.11.1	<LanguageOfText>	<b059>
Original language (of translation)	PR.11.2	<OriginalLanguage>	<b060>
<i>Language composite</i> (R)		<Language>	
Language role	PR.11.3	<LanguageRole>	<b253>
Language code	PR.11.4	<LanguageCode>	<b252>
Country code	PR.11.5	<CountryCode>	<b251>
<i>End of language composite</i>			
<b>Extents and other content</b>			
Number of pages	PR.12.1	<NumberOfPages>	<b061>
Number of pages, roman	PR.12.2	<PagesRoman>	<b254>
Number of pages, Arabic	PR.12.3	<PagesArabic>	<b255>
<i>Extent composite</i> (R)		<Extent>	
Extent type code	PR.12.4	<ExtentType>	<b218>
Extent value	PR.12.5	<ExtentValue>	<b219>
Extent unit	PR.12.6	<ExtentUnit>	<b220>
<i>End of extent composite</i>			
Number of illustrations	PR.12.7	<NumberOfIllustrations>	<b125>
Illustrations and other content note	PR.12.8	<IllustrationsNote>	<b062>
<i>Illustrations composite</i> (R)		<Illustrations>	
Illustration type code	PR.12.9	<IllustrationType>	<b256>
Number of illustrations	PR.12.10	<Number>	<b257>
<i>End of illustrations composite</i>			
Map scale	PR.12.11	<MapScale>	<b063>



DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Subject</b>			
BASIC main subject category	PR.13.1	<BASICMainSubject>	<b064>
BASIC subject category version no	PR.13.2	<BASICVersion>	<b200>
BIC main subject category	PR.13.3	<BICMainSubject>	<b065>
BIC subject category version number	PR.13.4	<BICVersion>	<b066>
<i>Main-subject composite</i>		<MainSubject>	
Main subject scheme identifier	PR.13.5	<MainSubjectSchemeIdentifier>	<b191>
Subject scheme version no	PR.13.6	<SubjectSchemeVersion>	<b068>
Subject code	PR.13.7	<SubjectCode>	<b069>
Subject heading text	PR.13.8	<SubjectHeadingText>	<b070>
<i>End of main-subject composite</i>			
<i>Additional-subject composite (R)</i>		<Subject>	
Additional subject scheme identifier	PR.13.9	<SubjectSchemeIdentifier>	<b067>
Proprietary subject scheme name	PR.13.10	<SubjectSchemeName>	<b171>
Additional subject scheme version no	PR.13.11	<SubjectSchemeVersion>	<b068>
Additional subject code	PR.13.13	<SubjectCode>	<b069>
Additional subject heading text	PR.13.13	<SubjectHeadingText>	<b070>
<i>End of additional-subject composite</i>			
<i>Person-as-subject composite (R)</i>		<PersonAsSubject>	
Person name		<PersonName>	<b036>
Person name, inverted		<PersonNameInverted>	<b037>
Person name part 1		<TitlesBeforeNames>	<b038>
Person name part 2		<NamesBeforeKey>	<b039>
Person name part 3		<PrefixToKey>	<b247>
Person name part 4		<KeyNames>	<b040>
Person name part 5		<NamesAfterKey>	<b041>
Person name part 6		<SuffixToKey>	<b248>
Person name part 7		<LettersAfterNames>	<b042>
Person name part 8		<TitlesAfterNames>	<b043>
<i>End of person-as-subject composite</i>			
Corporate body as subject (R)	PR.13.14	<CorporateBodyAsSubject>	<b071>
Place as subject (R)	PR.13.15	<PlaceAsSubject>	<b072>

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Audience</b>			
Audience code (R)	PR.14.1	<AudienceCode>	<b073>
<i>Audience composite</i> (R)		<Audience>	
Audience code type	PR.14.2	<AudienceCodeType>	<b204>
Audience code type name	PR.14.3	<AudienceCodeTypeName>	<b205>
Audience code value	PR.14.4	<AudienceCodeValue>	<b206>
<i>End of audience composite</i>			
US school Grade(s)	PR.14.5	<USSchoolGrades>	<b189>
Interest age(s)	PR.14.6	<InterestAge>	<b190>
<i>Audience-range composite</i> (R)		<AudienceRange>	
Audience "numeric range" qualifier	PR.14.7	<AudienceRangeQualifier>	<b074>
Audience "numeric range" precision	PR.14.8	<AudienceRangePrecision>	<b075>
Audience "numeric range" value	PR.14.9	<AudienceRangeValue>	<b076>
<i>End of audience-range composite</i>			
Audience description	PR.14.10	<AudienceDescription>	<b207>
<i>Complexity composite</i> (R)		<Complexity>	
Complexity scheme identifier	PR.14.11	<ComplexitySchemeIdentifier>	<b077>
Complexity code	PR.14.12	<ComplexityCode>	<b078>
<i>End of complexity composite</i>			

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Descriptions and other supporting text</b>			
Annotation	PR.15.1	<Annotation>	<d100>
Main description	PR.15.2	<MainDescription>	<d101>
<i>Other-text composite (R)</i>		<othertext>	
Other text type code	PR.15.3	<TextTypeCode>	<d102>
Other text format	PR.15.4	<TextFormat>	<d103>
Other text	PR.15.5	<Text>	<d104>
Other text link type	PR.15.6	<TextLinkType>	<d105>
Other text link	PR.15.7	<TextLink>	<d106>
Author of other text	PR.15.8	<TextAuthor>	<d107>
Title of source of other text	PR.15.9	<TextSourceTitle>	<d108>
Date of publication of other text	PR.15.10	<TextPublicationDate>	<d109>
<i>End of other-text composite</i>			
Review quote (R)	PR.15.11	<ReviewQuote>	<e110>
<b>Links to image/audio/video files</b>			
Front cover image file format code	PR.16.1	<CoverImageFormatCode>	<f111>
Front cover image file link type code	PR.16.2	<CoverImageLinkTypeCode>	<f112>
Front cover image file link	PR.16.3	<CoverImageLink>	<f113>
<i>Image/audio/video-file composite (R)</i>		<MediaFile>	
Image/audio/video file type code	PR.16.4	<MediaFileTypeCode>	<f114>
Image/audio/video file format code	PR.16.5	<MediaFileFormatCode>	<f115>
Image resolution	PR.16.6	<ImageResolution>	<f259>
Image/audio/video file link type	PR.16.7	<MediaFileLinkTypeCode>	<f116>
Image/audio/video file link	PR.16.8	<MediaFileLink>	<f117>
Text accompanying download	PR.16.9	<TextWithDownload>	<f118>
Download caption	PR.16.10	<DownloadCaption>	<f119>
Download credit	PR.16.11	<DownloadCredit>	<f120>
Download copyright notice	PR.16.12	<DownloadCopyrightNotice>	<f121>
Download terms	PR.16.13	<DownloadTerms>	<f122>
<i>End of image/audio/video-file composite</i>			
<i>Product website composite (R)</i>		<ProductWebsite>	
Product website description	PR.16.14	<ProductWebsiteDescription>	<f170>
Link to product website	PR.16.15	<ProductWebsiteLink>	<f123>
<i>End of product website composite</i>			

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Prizes</b>			
Prizes or awards description	PR.17.1	<PrizesDescription>	<g124>
<i>Prize-or-award composite</i> (R)		<Prize>	
Prize or award name	PR.17.2	<PrizeName>	<g126>
Prize or award year	PR.17.3	<PrizeYear>	<g127>
Prize or award country	PR.17.4	<PrizeCountry>	<g128>
Prize or award achievement code	PR.17.5	<PrizeCode>	<g129>
<i>End of prize-or-award composite</i>			
<b>Content items</b>			
<i>Content item composite</i> (R)		<ContentItem>	
Level sequence number	PR.18.1	<LevelSequenceNumber>	<b284>
<i>Text item composite</i> (R)		<TextItem>	
Text item type code	PR.18.2	<TextItemType>	<b290>
<i>Text item identifier composite</i> (R)		<TextItemIdentifier>	
Text item identifier type code	PR.18.3	<TextItemIDType>	<b285>
Identifier type name	PR.18.4	<IDTypeName>	<b233>
Identifier value	PR.18.5	<IDValue>	<b244>
<i>End of text item identifier composite</i>			
First page number	PR.18.6	<FirstPageNumber>	<b286>
Last page number	PR.18.7	<LastPageNumber>	<b287>
Number of pages	PR.18.8	<NumberOfPages>	<b061>
<i>End of text item composite</i>			
Component type name	PR.18.9	<ComponentTypeName>	<b288>
Component number	PR.18.10	<ComponentNumber>	<b289>
Component title	PR.18.11	<Distinctive Title>	<b028>
<i>End of content item composite</i>			

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Publisher</b>			
Imprint or brand name	PR.19.1	<ImprintName>	<b079>
<i>Imprint or brand composite</i>		<Imprint>	
Name code type	PR.19.2	<NameCodeType>	<b241>
Name code type name	PR.19.3	<NameCodeTypeName>	<b242>
Name code value	PR.19.4	<NameCodeValue>	<b243>
Imprint or brand name	PR.19.5	<ImprintName>	<b079>
<i>End of imprint or brand composite</i>			
Publisher name	PR.19.6	<PublisherName>	<b081>
<i>Publisher composite (R)</i>		<Publisher>	
Publishing role code	PR.19.7	<PublishingRole>	<b291>
Name code type	PR.19.8	<NameCodeType>	<b241>
Name code type name	PR.19.9	<NameCodeTypeName>	<b242>
Name code value	PR.19.10	<NameCodeValue>	<b243>
Publisher name	PR.19.11	<PublisherName>	<b081>
<i>End of publisher composite</i>			
City or town of publication (R)	PR.19.12	<CityOfPublication>	<b209>
Country of publication	PR.19.13	<CountryOfPublication>	<b083>
Co-publisher (R)	PR.19.14	<CopublisherName>	<b084>
Sponsor (R)	PR.19.15	<SponsorName>	<b085>
Publisher of original-language version	PR.19.16	<OriginalPublisherName>	<b240>
<b>Publishing dates</b>			
Announcement date	PR.20.1	<AnnouncementDate>	<b086>
Publication date	PR.20.2	<PublicationDate>	<b003>
Copyright year	PR.20.3	<CopyrightYear>	<b087>
Year first published	PR.20.4	<YearFirstPublished>	<b088>

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Territorial rights</b>			
<i>Sale-rights composite</i> (R)		<SaleRights>	
Sale rights type code	PR.21.1	<SaleRightsType>	<b089>
Rights country (R)	PR.21.2	<RightsCountry>	<b090>
Rights region (R)	PR.21.3	<RightsRegion>	<b091>
<i>End of sale-rights composite</i>			
<i>Not-for-sale composite</i> (R)		<NotForSale>	
Rights country (R)	PR.21.4	<RightsCountry>	<b090>
Equivalent product ISBN	PR.21.5	<ISBN>	<b004>
Equivalent product EAN-13 number	PR.21.6	<EAN13>	<b005>
Equivalent product publisher name	PR.21.7	<PublisherName>	<b081>
<i>End of not-for-sale composite</i>			
<b>Dimensions</b>			
<i>Measure composite</i> (R)		<Measure>	
Measure type code	PR.22.1	<MeasureTypeCode>	<c093>
Measurement	PR.22.2	<Measurement>	<c094>
Measure unit code	PR.22.3	<MeasureUnitCode>	<c095>
<i>End of measure composite</i>			
Overall height	PR.22.4	<Height>	<c096>
Overall width	PR.22.5	<Width>	<c097>
Overall thickness	PR.22.6	<Thickness>	<c098>
Unit weight	PR.22.7	<Weight>	<c099>
Dimensions statement	PR.22.8	<Dimensions>	<c258>

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Related products</b>			
Replaced-by ISBN	PR.23.1	<ReplacedByISBN>	<h130>
Replaced-by EAN-13 number	PR.23.2	<ReplacedByEAN13>	<h131>
Alternative format ISBN	PR.23.3	<AlternativeFormatISBN>	<h132>
Alternative format EAN-13 number	PR.23.4	<AlternativeFormatEAN13>	<h133>
Other alternative product ISBN	PR.23.5	<AlternativeProductISBN>	<h163>
Other alternative product EAN-13 no	PR.23.6	<AlternativeProductEAN13>	<h164>
<i>Related product composite (R)</i>		<RelatedProduct>	
Relation code	PR.23.7	<RelationCode>	<h208>
Related product ISBN	PR.23.8	<ISBN>	<b004>
Related product EAN-13 number	PR.23.9	<EAN13>	<b005>
<i>Product identifier composite (R)</i>		<ProductIdentifier>	
As in Group PR.2			
<i>End of product identifier composite</i>			
Related product form code	PR.23.10	<ProductForm>	<b012>
Related product book form detail	PR.23.11	<BookFormDetail>	<b013>
Related product form description	PR.23.12	<ProductFormDescription>	<b014>
Epublication type code	PR.23.13	<EpubType>	<b211>
Epublication type version number	PR.23.14	<EpubTypeVersion>	<b212>
Epublication type description	PR.23.15	<EpubTypeDescription>	<b213>
Epublication format code	PR.23.16	<EpubFormat>	<b214>
Epublication format version number	PR.23.17	<EpubFormatVersion>	<b215>
Epublication format description	PR.23.18	<EpubFormatDescription>	<b216>
Epublication type note	PR.23.19	<EpubTypeNote>	<b277>
<i>End of related product composite</i>			
Out-of-print date	PR.23.20	<OutOfPrintDate>	<h134>

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Supplier and trade data</b>			
<i>Supplier-and-trade-data composite</i> (R)		<SupplyDetail>	
Supplier EAN location no	PR.24.1	<SupplierEANLocationNumber>	<j135>
Supplier SAN	PR.24.2	<SupplierSAN>	<j136>
Supplier name	PR.24.3	<SupplierName>	<j137>
Supplier telephone number (R)	PR.24.4	<TelephoneNumber>	<j270>
Supplier fax number (R)	PR.24.5	<FaxNumber>	<j271>
Supplier email address (R)	PR.24.6	<EmailAddress>	<j272>
Supply-to country (R)	PR.24.7	<SupplyToCountry>	<j138>
Supply-to region (R)	PR.24.8	<SupplyToRegion>	<j139>
Supply-to country excluded (R)	PR.24.9	<SupplyToCountryExcluded>	<j140>
Returns conditions code type	PR.24.10	<ReturnsCodeType>	<j268>
Returns conditions code	PR.24.11	<ReturnsCode>	<j269>
Availability status code	PR.24.12	<AvailabilityCode>	<j141>
<i>New-supplier composite</i>		<NewSupplier>	
New supplier EAN location no	PR.24.13	<SupplierEANLocationNumber>	<j135>
New supplier SAN	PR.24.14	<SupplierSAN>	<j136>
New supplier name	PR.24.15	<SupplierName>	<j137>
New supplier telephone number (R)	PR.24.16	<TelephoneNumber>	<j270>
New supplier fax number (R)	PR.24.17	<FaxNumber>	<j271>
New supplier email address (R)	PR.24.18	<EmailAddress>	<j272>
Expected availability date format	PR.25.19	<DateFormat>	<j260>
Expected availability date	PR.24.20	<ExpectedShipDate>	<j142>
On sale date	PR.24.21	<OnSaleDate>	<j143>
Order time	PR.24.22	<OrderTime>	<j144>
Pack or carton quantity	PR.24.23	<PackQuantity>	<j145>
Audience restriction flag	PR.24.24	<AudienceRestrictionFlag>	<j146>
Audience restriction note	PR.24.25	<AudienceRestrictionNote>	<j147>
Unpriced item type	PR.24.26	<UnpricedItemType>	<j192>
Price amount <sup>1</sup>	PR.24.27	<PriceAmount>	<j151>

<sup>1</sup> The "Price amount" element occurs at Level 1 outside as well as inside the "Price" composite so that a price in the message default currency and conforming to the message default price type can be sent without invoking the composite.



DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Supplier and trade data (continued)</b>			
<i>Price composite (R)</i>		<Price>	
Price type code	PR.24.28	<PriceTypeCode>	<j148>
Price type qualifier	PR.24.29	<PriceQualifier>	<j261>
Price type description	PR.24.30	<PriceTypeDescription>	<j262>
Unit of pricing	PR.24.31	<PricePer>	<j239>
Minimum order quantity	PR.24.32	<MinimumOrderQuantity>	<j263>
<i>Batch-bonus composite (R)</i>		<BatchBonus>	
Batch quantity	PR.24.33	<BatchQuantity>	<j264>
Free quantity	PR.24.34	<FreeQuantity>	<j265>
<i>End of batch-bonus composite</i>			
Class of trade code	PR.24.35	<ClassOfTradeCode>	<j149>
BIC discount group code	PR.24.36	<BICDiscountGroupCode>	<j150>
Discount percentage	PR.24.37	<DiscountPercent>	<j267>
Price status	PR.24.38	<PriceStatus>	<j266>
Price amount	PR.24.39	<PriceAmount>	<j151>
Currency code	PR.24.40	<CurrencyCode>	<j152>
Country code (R)	PR.24.41	<CountryCode>	<b251>
Tax rate 1, coded	PR.24.42	<TaxRateCode1>	<j153>
Tax rate 1, percent	PR.24.43	<TaxRatePercent1>	<j154>
Amount of price taxable at tax rate 1	PR.24.44	<TaxableAmount1>	<j155>
Tax amount at tax rate 1	PR.24.45	<TaxAmount1>	<j156>
Tax rate 2, coded	PR.24.46	<TaxRateCode2>	<j157>
Tax rate 2, percent	PR.24.47	<TaxRatePercent2>	<j158>
Amount of price taxable at tax rate 2	PR.24.48	<TaxableAmount2>	<j159>
Tax amount at tax rate 2	PR.24.49	<TaxAmount2>	<j160>
<i>End of price composite</i>			
Price effective from	PR.24.50	<PriceEffectiveFrom>	<j161>
Price effective until	PR.24.51	<PriceEffectiveUntil>	<j162>
<i>End of supplier-and-trade-data composite</i>			
<b>Sales promotion information</b>			
Promotion campaign information	PR.25.1	<PromotionCampaign>	<k165>
Promotion contact details	PR.25.2	<PromotionContact>	<k166>
Initial print run	PR.25.3	<InitialPrintRun>	<k167>
Copies sold	PR.25.4	<CopiesSold>	<k168>
Book Club adoption	PR.25.5	<BookClubAdoption>	<k169>

## 8. <MainSeries> record

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Group MS.1 Record reference number, type and source: as Group PR.1.1</b>			
Record reference number	PR.1.1	<RecordReference>	<a001>
Notification or update type code	PR.1.2	<NotificationType>	<a002>
Reason for deletion code	PR.1.3	<DeletionCode>	<a198>
Reason for deletion text	PR.1.4	<DeletionText>	<a199>
Record source type code	PR.1.5	<RecordSourceType>	<a194>
Record source identifier type	PR.1.6	<RecordSourceIdentifierType>	<a195>
Record source identifier	PR.1.7	<RecordSourceIdentifier>	<a196>
Record source name	PR.1.8	<RecordSourceName>	<a197>
<b>Group MS.2 Main series identifiers</b>			
<i>Series identifier composite: as in Group PR.5 (R)</i>		<SeriesIdentifier>	
Series identifier type code	PR.5.3	<SeriesIDType>	<b273>
Identifier type name	PR.5.4	<IDTypeName>	<b233>
Identifier value	PR.5.5	<IDValue>	<b244>
<i>End of series identifier composite</i>			
<b>Group MS.3 Main series title</b>			
<i>Title composite: as in Group PR.7 (R)</i>		<Title>	
Title type	PR.7.8	<TitleType>	<b202>
Abbreviated title length	PR.7.9	<AbbreviatedLength>	<b276>
Text case flag	PR.7.10	<TextCaseFlag>	<b027>
Title text	PR.7.11	<TitleText>	<b203>
Subtitle	PR.7.12	<Subtitle>	<b029>
<i>End of title composite</i>			

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Group MS.4 Main series contributors</b>			
<i>Contributor composite:</i> as in Group PR.8 (R)		<Contributor>	
Contributor sequence number	PR.8.1	<SequenceNumber>	<b034>
Contributor role code (R)	PR.8.2	<ContributorRole>	<b035>
Language from which translated	PR.8.3	<LanguageCode>	<b252>
Person name	PR.8.4	<PersonName>	<b036>
Person name, inverted	PR.8.5	<PersonNameInverted>	<b037>
Person name part 1	PR.8.6	<TitlesBeforeNames>	<b038>
Person name part 2	PR.8.7	<NamesBeforeKey>	<b039>
Person name part 3	PR.8.8	<PrefixToKey>	<b247>
Person name part 4	PR.8.9	<KeyNames>	<b040>
Person name part 5	PR.8.10	<NamesAfterKey>	<b041>
Person name part 6	PR.8.11	<SuffixToKey>	<b248>
Person name part 7	PR.8.12	<LettersAfterNames>	<b042>
Person name part 8	PR.8.13	<TitlesAfterNames>	<b043>
<i>Name composite</i> (R)		<Name>	
Person name type	PR.8.14	<PersonNameType>	<b250>
Fields PR.8.4 to fields PR.8.13 are all available as part of the composite			
<i>End of name composite</i>			
Professional position	PR.8.15	<ProfessionalPosition>	<b045>
Affiliation	PR.8.16	<Affiliation>	<b046>
Corporate contributor name	PR.8.17	<CorporateName>	<b047>
Biographical note	PR.8.18	<BiographicalNote>	<b044>
Contributor description	PR.8.19	<ContributorDescription>	<b048>
Unnamed persons	PR.8.20	<UnnamedPersons>	<b249>
<i>End of contributor composite</i>			

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Group MS.5 Main series text elements</b>			
<i>Other-text composite: as in Group PR.15 (R)</i>		<othertext>	
Other text type code	PR.15.3	<TextTypeCode>	<d102>
Other text format	PR.15.4	<TextFormat>	<d103>
Other text	PR.15.5	<Text>	<d104>
Other text link type	PR.15.6	<TextLinkType>	<d105>
Other text link	PR.15.7	<TextLink>	<d106>
Author of other text	PR.15.8	<TextAuthor>	<d107>
Title of source of other text	PR.15.9	<TextSourceTitle>	<d108>
Date of publication of other text	PR.15.10	<TextPublicationDate>	<d109>
<i>End of other-text composite</i>			
<b>MS.5 Subordinate entries</b>			
Number of subordinate entries	MS.6.1	<SubordinateEntries>	<a245>

## 9. <SubSeries> record

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Group SS.1 Record reference number, type and source: as Group PR.1.1</b>			
Record reference number	PR.1.1	<RecordReference>	<a001>
Notification or update type code	PR.1.2	<NotificationType>	<a002>
Reason for deletion code	PR.1.3	<DeletionCode>	<a198>
Reason for deletion text	PR.1.4	<DeletionText>	<a199>
Record source type code	PR.1.5	<RecordSourceType>	<a194>
Record source identifier type	PR.1.6	<RecordSourceIdentifierType>	<a195>
Record source identifier	PR.1.7	<RecordSourceIdentifier>	<a196>
Record source name	PR.1.8	<RecordSourceName>	<a197>
<b>Group SS.2 Subseries identifiers</b>			
<i>Series identifier composite: as in Group PR.5 (R)</i>		<SeriesIdentifier>	
Series identifier type code	PR.5.3	<SeriesIDType>	<b273>
Identifier type name	PR.5.4	<IDTypeName>	<b233>
Identifier value	PR.5.5	<IDValue>	<b244>
<i>End of series identifier composite</i>			
<i>Parent series identifier composite</i>		<ParentIdentifier>	
Series identifier type code	SS.2.1	<SeriesIDType>	<b273>
Identifier type name	SS.2.2	<IDTypeName>	<b233>
Identifier value	SS.2.3	<IDValue>	<b244>
<i>End of parent series identifier composite</i>			
<b>Group SS.3 Subseries volume or part detail</b>			
Level sequence number	SS.3.1	<LevelSequenceNumber>	<b284>
Series part name	SS.3.2	<SectionName>	<b282>
Number within series	SS.3.3	<NumberWithinSeries>	<b019>
<b>Group SS.4 Subseries title</b>			
<i>Title composite: as in Group PR.7 (R)</i>		<Title>	
Title type	PR.7.8	<TitleType>	<b202>
Abbreviated title length	PR.7.9	<AbbreviatedLength>	<b276>
Text case flag	PR.7.10	<TextCaseFlag>	<b027>
Title text	PR.7.11	<TitleText>	<b203>
Subtitle	PR.7.12	<Subtitle>	<b029>
<i>End of title composite</i>			

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Group SS.5 Subseries contributors</b>			
<i>Contributor composite:</i> as in Group PR.8 (R)		<Contributor>	
Contributor sequence number	PR.8.1	<SequenceNumber>	<b034>
Contributor role code (R)	PR.8.2	<ContributorRole>	<b035>
Language from which translated	PR.8.3	<LanguageCode>	<b252>
Person name	PR.8.4	<PersonName>	<b036>
Person name, inverted	PR.8.5	<PersonNameInverted>	<b037>
Person name part 1	PR.8.6	<TitlesBeforeNames>	<b038>
Person name part 2	PR.8.7	<NamesBeforeKey>	<b039>
Person name part 3	PR.8.8	<PrefixToKey>	<b247>
Person name part 4	PR.8.9	<KeyNames>	<b040>
Person name part 5	PR.8.10	<NamesAfterKey>	<b041>
Person name part 6	PR.8.11	<SuffixToKey>	<b248>
Person name part 7	PR.8.12	<LettersAfterNames>	<b042>
Person name part 8	PR.8.13	<TitlesAfterNames>	<b043>
<i>Name composite</i>		<Name>	
Person name type	PR.8.14	<PersonNameType>	<b250>
Fields PR.8.4 to fields PR.8.13 are all available as part of the composite			
<i>End of name composite</i>			
Professional position	PR.8.15	<ProfessionalPosition>	<b045>
Affiliation	PR.8.16	<Affiliation>	<b046>
Corporate contributor name	PR.8.17	<CorporateName>	<b047>
Biographical note	PR.8.18	<BiographicalNote>	<b044>
Contributor description	PR.8.19	<ContributorDescription>	<b048>
Unnamed persons	PR.8.20	<UnnamedPersons>	<b249>
<i>End of contributor composite</i>			

DATA ELEMENT		XML REFERENCE NAME	TAG
<b>Group SS.6 Subseries text elements</b>			
<i>Other-text composite: as in Group PR.15 (R)</i>		<othertext>	
Other text type code	PR.15.3	<TextTypeCode>	<d102>
Other text format	PR.15.4	<TextFormat>	<d103>
Other text	PR.15.5	<Text>	<d104>
Other text link type	PR.15.6	<TextLinkType>	<d105>
Other text link	PR.15.7	<TextLink>	<d106>
Author of other text	PR.15.8	<TextAuthor>	<d107>
Title of source of other text	PR.15.9	<TextSourceTitle>	<d108>
Date of publication of other text	PR.15.10	<TextPublicationDate>	<d109>
<i>End of other-text composite</i>			
<b>Group SS.7 Subordinate entries</b>			
Number of subordinate entries	SS.7.1	<SubordinateEntries>	<a245>