



ONIX DOI METADATA FOR MONOGRAPH CHAPTERS

Message specification, Version 1.0, 10 November 2004

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This document specifies an ONIX subset with a number of newly-defined elements intended to provide a communication format for metadata related to the registration of DOIs for chapters from monographs. The specification allows for the registration of a DOI that is assigned to a monograph-chapter-as-work or a DOI that is assigned to a monograph-chapter-as-manifestation, ie it gives the option of registering one DOI only, regardless of the different forms – paper or electronic – in which the chapter appears, or of registering separate DOIs for each form.

The document also includes a message header and a pair of “start of message” and “end of message” elements. Please see *ONIX for Books – Product Information Message – XML Message Specification* for details of other ONIX XML conventions.

An ONIX Monograph Chapter DOI Registration message must carry *either* Monograph Chapter Work records only *or* Monograph Chapter Manifestation records only. Different message names are used in each case.

Throughout the document, text in dark red is used to indicate content that applies only to monograph-chapters-as-works; text in blue-green is used to indicate content that applies only to monograph-chapters-as-manifestations; text in light red indicates areas where there are outstanding queries or uncertainties.

Pages 29 and 30 show a simple example of an ONIX Monograph Chapter DOI Registration message carrying a single Monograph Chapter Work record.

This ONIX format was developed in association with the [mEDRA](#) Project, supported in its initial stages by the [eContent](#) programme of the European Union, and has been extended to meet additional requirements specified by Nielsen BookData.

<ONIXDOI MonographChapterWorkRegistrationMessage>

An ONIX DOI registration metadata message for monograph-chapters-as-works is an XML document beginning with the label <ONIXDOI MonographChapterWorkRegistrationMessage xmlns="http://www.editeur.org/onix/DOI Metadata/1.0"> (which includes an XML namespace declaration) and ending with the label </ONIXDOI MonographChapterWorkRegistrationMessage>. The content of the message comprises one mandatory instance of the <Header> composite defined below, and one or more instances of the <DOI MonographChapterWork> record.

<ONIXDOI MonographChapterVersionRegistrationMessage>

An ONIX DOI registration metadata message for monograph-chapters-as-manifestations is an XML document beginning with the label <ONIXDOI MonographChapterVersionRegistrationMessage xmlns="http://www.editeur.org/onix/DOI Metadata/1.0"> (which includes an XML namespace declaration) and ending with the label </ONIXDOI MonographChapterVersionRegistrationMessage>. The content of the message comprises one mandatory instance of the <Header> composite defined below, and one or more instances of the <DOI MonographChapterVersion> record.

Header composite

A group of data elements which together constitute a message header.

Reference name <Header>

MMH.1 Sender company name

The name of the sender organization, which should always be stated in a standard form agreed with the addressee. Mandatory and non-repeating.

Format Variable-length ASCII text, suggested maximum 30 characters

Reference name <FromCompany>

Example *Mondadori*

MMH.2 Sender contact

Free text giving the name, department, phone number, etc for a contact person in the sender organization who is responsible for the content of the message. Optional and non-repeating.

Format Variable-length ASCII text, suggested maximum 300 characters

Reference name <FromPerson>

Example *Jackie Brown, 020 7979 6444*

MMH.3 Sender contact email address

A text field giving the email address for a contact person in the sender organization who is responsible for the content of the message. Mandatory and non-repeating.

Format Variable-length ASCII text, suggested maximum 100 characters

Reference name <FromEmail>

Example *jackie.brown@bigpublisher.co.uk*

MMH.4 Addressee company name

The name of the addressee organization, which should always be stated in a standard form agreed with the addressee. Mandatory and non-repeating.

Format Variable-length ASCII text, suggested maximum 30 characters

Reference name <ToCompany>

Example *mEDRA*

MMH.5 Message sequence number

A sequence number of the messages in a series sent between trading partners, to enable the receiver to check against gaps and duplicates. Optional and non-repeating.

Format Variable-length integer,

Reference name <MessageNumber>

Example *1234*

MMH.6 Message repeat number

A number which distinguishes any repeat transmissions of a message. The original is numbered 1, and repeats are numbered 2, 3 etc. Optional and non-repeating.

Format Variable-length integer

Reference name <MessageRepeat>

Example *2*

MMH.7 Message creation date/time

The date on which the message is sent. Optionally, the time may be added, using the 24-hour clock. Mandatory and non-repeating.

Format Eight or twelve numeric digits only (YYYYMMDD or YYYYMMDDHHMM)

Reference name <SentDate>

Example *200005220230*

MMH.8 Message note

Free text giving additional information about the message. Optional and non-repeating.

Format Variable-length ASCII text, suggested maximum 500 characters

Reference name <MessageNote>

Example *New titles to be published September 2003*

End of header composite

<DOIMonographChapterWork> record

A monograph-chapter-as-work is described by a group of data elements beginning with an XML label <DOIMonographChapterWork> and ending with an XML label </DOIMonographChapterWork>.

Reference name <DOIMonographChapterWork>

<DOIMonographChapterVersion> record

A monograph-chapter-as-manifestation is described by a group of data elements beginning with an XML label <DOIMonographChapterVersion> and ending with an XML label </DOIMonographChapterVersion>.

Reference name <DOIMonographChapterVersion>

MMC.1 Notification or update type code

An ONIX code which indicates the type of notification or update which is being sent. Mandatory and non-repeating.

Format Fixed-length, two numeric digits.

Code list 06 New: a new registration request
 07 Update: a complete replacement for a record previously sent

Reference name <NotificationType>

Example 06

MMC.2 DOI

Digital Object Identifier. The international identifier for intellectual property in the digital environment. See <http://www.doi.org/>. Mandatory and non-repeating.

Format Variable-length text, suggested maximum length 300 characters.

Reference name <DOI>

Example 10.1006/jmbi.1998.2354

MMC.3 DOI website link

The URL for the primary website to which the DOI will resolve. Mandatory and non-repeating.

Format Variable-length text, suggested maximum length 300 characters

Reference name <DOIWebsiteLink>

Example <http://xyzbooks.com/0123456789/c123.htm>

Website composite

An optional and repeatable group of data elements which together identify and provide pointers to other webpages associated with the DOI to which the metadata package refers. It is envisaged that the composite will be used to give the URLs associated with particular service types for multiple resolution.

Reference name <Website>

MMC.4 Website purpose

An ONIX code which identifies the role or purpose of the website which is linked through the <WebsiteLink> element. Mandatory and non-repeating.

Format Fixed-length, two numeric digits

Code list **Code values to be defined to cover multiple resolution for different service types**

Reference name <WebsiteRole>

Example ??

MMC.5 Link to website

The URL for the website. Mandatory in each occurrence of the <Website> composite, and non-repeating.

Format Variable-length text, suggested maximum length 300 characters

Reference name <WebsiteLink>

Example <http://xyzbooks.com/0123456789/c123/service3.htm>

End of website composite

MMC.6 DOI structural type

An IDF value identifying the structural type of the entity to which the DOI in this metadata package is registered. Optional and non-repeating. This element is specified to be optional as it will not necessarily be required in metadata submitted for registration. Instead, it may be generated by the DOI registration agency by mapping from other content.

Format Variable-length character string values defined by IDF

Code list **The only permitted value for DOI registrations for monograph-chapters-as-works is *Abstraction***

The permitted values for DOI registrations for monograph-chapters-as-manifestations are *PhysicalFixation*, *DigitalFixation*

Reference name <DOIStructuralType>

Example ***Abstraction***

MMC.7 DOI mode

An IDF value identifying the mode of the entity to which the DOI in this metadata package is registered. Optional and non-repeating. This element is specified to be optional as it will not necessarily be required in metadata submitted for registration. Instead, it may be generated by the DOI registration agency by mapping from other content.

Format	Variable-length character string values defined by IDF
Code list	The only permitted value for DOI registrations for monograph-chapters-as-works is <i>Abstract</i> The permitted values for DOI registrations for monograph-chapters-as-manifestations are <i>Visual, Audio, Audiovisual</i>
Reference name	<DOIMode>
Example	<i>Visual</i>

MMC.8 DOI registrant name

The name of the person or corporate body responsible for registering the DOI to which this ONIX metadata package refers. Mandatory and non-repeating.

Format	Variable-length text, suggested maximum length 100 characters
Reference name	<RegistrantName>
Example	<i>Mondadori</i>

MMC.9 DOI registration authority

An IDF value identifying the registration agency with which the DOI in this ONIX metadata package is registered. Optional and non-repeating. This element is specified to be optional as it will NOT be required in metadata submitted by publishers for registration.

Format	Variable-length controlled character string values
Code list	Values so far defined are: <i>mEDRA, NielsenBookData</i>
Reference name	<RegistrationAuthority>
Example	<i>mEDRA</i>

NOTE: the **<WorkIdentifier>** and **<ProductIdentifier>** composites specified on this and the following page are to be used for additional identifiers by which the monograph chapter which is being registered for DOI assignment is known. They are included for consistency with other ONIX DOI formats, though it is probably less likely that a monograph chapter will carry other formal identifiers.

Work identifier composite

A group of data elements which together define the identifier of a work in accordance with a specified scheme, and used here for any additional identifiers for a monograph-chapter-as-work. In ONIX DOI registrations for monograph-chapters-as-works, one occurrence might carry the ISTC assigned to the work, if known. Optional and repeatable if the work has more than one identifier of different types. Not used in a record for a monograph-chapter-as-manifestation.

Reference name <WorkIdentifier>

MMC.10 Work identifier type code

An ONIX code identifying the scheme from which the identifier in the **<IDValue>** element is taken. Mandatory in each occurrence of the **<WorkIdentifier>** composite, and non-repeating.

Format	Fixed-length, 2 numeric digits
Code list	01 Proprietary, eg a publisher's internal work identifier 11 ISTC
Reference name	<WorkIDType>
Example	11

MMC.11 Identifier value

An identifier of the type specified in the **<WorkIDType>** element. Mandatory in each occurrence of the **<WorkIdentifier>** composite, and non-repeating.

Format	According to the identifier type specified in <WorkIDType>
Reference name	<IDValue>
Example	12345678

End of work identifier composite

See note on previous page.

Product identifier composite

A repeatable group of data elements which together define the identifier of a product in accordance with a specified scheme, and used here for any additional identifiers for a monograph-chapter-as-manifestation. In ONIX DOI registrations for monograph-chapters-as-manifestations, one occurrence could carry a publisher's proprietary identifier, for example. Optional, and repeatable if the item has more than one identifier of different types. Not used in a record for a monograph-chapter-as-work.

Reference name <ProductIdentifier>

MMC.12 Product identifier type code

An ONIX code identifying the scheme from which the identifier in the <IDValue> element is taken. Mandatory in each occurrence of the <ProductIdentifier> composite, and non-repeating.

Format	Fixed-length, 2 numeric digits	
Code list	01	Proprietary, eg a publisher's product number
	02	ISBN-10 (sent unhyphenated in ONIX records)
	03	EAN-13 (use for ISBN-13, without hyphens)
Reference name	<ProductIDType>	
Example	02	ISBN-10

MMC.13 Identifier value

An identifier of the type specified in the <ProductIDType> element. Mandatory in each occurrence of the <ProductIdentifier> composite, and non-repeating.

Format	According to the identifier type specified in <ProductIDType>	
Reference name	<IDValue>	
Example	12345678	

End of product identifier composite

Monographic publication composite

A group of data elements which together identify and describe a monographic publication at either or both of “monographic work” and “monographic product” (or “manifestation”) levels. Mandatory and non-repeating. Used to specify the complete work or product of which the chapter is part.

Reference name <MonographicPublication>

Monographic work composite

A group of data elements which together identify and describe a monographic work. Mandatory and non-repeating.

Reference name <MonographicWork>

Work identifier composite

A repeatable group of data elements which together define an identifier of a monographic work. Optional: to be sent only if the monograph has an established identifier at “work” level. (ISBNs are assigned at “monographic product” level.) Repeatable only if two or more identifiers of different types are sent.

Reference name <WorkIdentifier>

MMC.14 Work identifier type code

An ONIX code identifying the scheme from which the identifier in <IDValue> is taken. Mandatory in each occurrence of the <WorkIdentifier> composite, and non-repeating.

Format	Fixed-length, 2 numeric digits
Code list	01 Proprietary, a publisher's or agent's internal number 06 DOI 11 ISTC
Reference name	<WorkIDType>
Example	01 Proprietary

MMC.15 Identifier value

An identifier of the type specified in <WorkIDType>. Mandatory in each occurrence of the <WorkIdentifier> composite, and non-repeating.

Format	According to the identifier type specified in <WorkIDType>
Reference name	<IDValue>
Example	12345678

End of work identifier composite

Title composite

A group of data elements which together give the text of a title, including a subtitle where applicable, and specify its type; used here for the title of a monographic work. Mandatory in each occurrence of the **<MonographicPublication>** composite. Repeatable if two or more forms of the same title are sent.

The **<Title>** tag may optionally carry any of the following ONIX attributes: *textformat*, *language*, *transliteration*, *textcase*, where these are shared by all text elements within the composite.

Reference name <Title>

MMC.16 Title type code

An ONIX code indicating the type of a title. Mandatory in each occurrence of the **<Title>** composite, and non-repeating. Additional types of title can be defined by adding code values.

Format	Fixed-length, two numeric digits
Code list	01 Distinctive title: use for the work title in full 05 Abbreviated or truncated title
Reference name	<TitleType>
Example	01

MMC.17 Title text

The text of the title specified by the **<TitleType>** code. Mandatory in each occurrence of the **<Title>** composite, and non-repeating.

Format	Variable-length text, suggested maximum 600 characters
Reference name	<TitleText>
Example	<i>This blessed plot</i>

MMC.18 Subtitle

The full text of a subtitle, if any. "Subtitle" means any added words which appear with the title given in an occurrence of the **<Title>** composite, and which amplify and explain the title, but which are not considered to be part of the title itself. Optional and non-repeating.

Format	Variable-length text, suggested maximum 300 characters
Reference name	<Subtitle>
Example	<i>Britain and Europe from Churchill to Blair</i>

End of title composite

End of monographic work composite

Monographic product composite

A group of data elements which together identify and specify the form of a product or “manifestation” of a monographic publication. Each occurrence of the composite must consist of *either* one or more identifiers for the monographic product and a product form code *or* a product form code alone, if there is no unique identifier available for the specified product.

Optional and repeatable in records describing a monographic chapter-as-work, if the monographic publication is available in two or more forms.

Mandatory and non-repeating in records describing a monographic chapter-as-manifestation: only the form to which the DOI registration applies should be cited. A cross-reference to any other form(s) can be sent in the **<RelatedProduct>** composite.

Reference name <MonographicProduct>

Product identifier composite

A group of data elements which together define an identifier of a monographic product. Optional and repeatable: to be sent if the monograph has one or more established identifiers at product level.

Reference name <ProductIdentifier>

MMC.19 Product identifier type code

An ONIX code identifying the scheme from which the identifier in **<IDValue>** is taken. Mandatory in each occurrence of the **<ProductIdentifier>** composite, and non-repeating.

Format	Fixed-length, 2 numeric digits
Code list	01 Proprietary, a publisher's or agent's internal number 02 ISBN-10 (sent unhyphenated in ONIX records) 03 EAN-13 06 DOI
Reference name	<ProductIDType>
Example	02 ISBN-10

MMC.20 Identifier value

An identifier of the type specified in **<ProductIDType>**. Mandatory in each occurrence of the **<ProductIdentifier>** composite, and non-repeating.

Format	According to the identifier type specified in <ProductIDType>
Reference name	<IDValue>
Example	12345678

End of product identifier composite

MMC.21 Product form code

An ONIX code which indicates the medium and/or format in which a monographic item is published. Mandatory in each occurrence of the **<MonographicProduct>** composite, and non-repeating.

Format	Fixed-length, two letters.
Code list	ONIX Code List 7: see separate documentation
Reference name	<ProductForm>
Example	<i>BB</i> Hardback book

MMC.22 Epublication format code

An ONIX code identifying the file format of an epublication. Optional and non-repeating, and can occur only if the **<ProductForm>** code is *DG* or *DH*.

Format	Fixed-length, 2 numeric digits
Code list	ONIX Code List 11: see separate documentation
Reference name	<EpubFormat>
Example	<i>02</i>

MMC.23 Epublication format version number

A version number which applies to an epublication format. Optional and non-repeating, and can occur only if the **<EpubFormat>** field is present.

Format	Variable-length text, suggested maximum 10 characters
Reference name	<EpubFormatVersion>
Example	<i>2.1</i>

MMC.24 Epublication format description

A free text description of an epublication format. Optional and non-repeating, and can occur only if the **<ProductForm>** code is *DG* or *DH*; but does not require the **<EpubFormat>** field to be present.

Format	Variable-length text, suggested maximum 200 characters
Reference name	<EpubFormatDescription>
Example	<i>Screen optimized PDF, with low-res figures</i>

MMC.25 Imprint or brand name

The full name of the imprint or brand under which the product is issued, as it appears on the title page of a book or in a corresponding position on a non-book product. Optional and non-repeating.

Format	Variable length text, suggested maximum length 100 characters.
Reference name	<ImprintName>
Example	<i>Secker & Warburg</i>

Publisher composite

A repeatable group of data elements which together identify an entity which is associated with the publishing of a product. Optional and repeatable. Each occurrence of the composite must carry a publishing role code and a publisher name.

Reference name <Publisher>

MMC.26 Publishing role code

An ONIX code which identifies a role played by an entity in the publishing of a product. Mandatory in each occurrence of the <Publisher> composite, and non-repeating.

Format Fixed-length, two numeric digits.

Code list
01 Publisher
02 Co-publisher

Reference name <PublishingRole>

Example 02

MMC.27 Publisher name

The name of an entity associated with the publishing of a product. Mandatory in each occurrence of the <Publisher> composite, and non-repeating.

Format Variable length text, suggested maximum length 100 characters.

Reference name <PublisherName>

Example *Reed International Books*

End of publisher composite

MMC.28 Country of publication

A code identifying the country where the product is published. Mandatory and non-repeating.

Format Fixed-length, two upper-case letters. Note that ISO 3166 specifies that these codes should always be in upper-case.

Code list ISO 3166-1 two-letter codes

Reference name <CountryOfPublication>

Example *US*

End of monographic product composite

End of monographic publication composite

Content item composite

A group of data elements which together describe a content item, used here for a monograph chapter. One and only one occurrence is mandatory in each ONIX DOI Monograph Chapter record. The two elements **<SequenceNumber>** and **<LevelSequenceNumber>** offer alternative ways of stating the position occupied by a content item within a monograph in a normalised way, ie using only numeric integers. The **<ContentItemEnumeration>** composite, on page 15, allows the enumeration of a content item within a monograph to be stated in the style and language used in the original work.

Reference name <ContentItem>

MMC.29 Content item sequence number

A number which specifies the position of a content item in a “flat” sequence within the monograph of which it forms part. Optional and non-repeating. See note at top of page.

Format Variable-length integer, 1, 2, 3 etc, suggested maximum length 3 digits

Reference name <SequenceNumber>

Example 3

MMC.30 Level sequence number

A number which specifies the position of a content item in a multi-level hierarchy of such items. Numbering starts at the top level in the hierarchy, which may represent (eg) chapters in a printed book, and the first item at the top level is numbered 1. Numbers should be assigned solely with a view to the logic of the ONIX description and not in relation to any other characteristics of the items being numbered (such as their typographical layout in a printed table of contents). Optional and non-repeating. See note at top of page.

Format Variable-length string of integers, each successive integer being separated by a full stop, suggested maximum length 100 characters

Reference name <LevelSequenceNumber>

Example 2.24.1.7

Text item composite

A group of data elements which are specific to text content. Optional and non-repeating.

Reference name <TextItem>

MMC.31 Text item type code

An ONIX code which identifies the nature of a text item. Optional, and non-repeating.

Format Fixed length, 2 numeric digits

Code list (provisional)	01 Textual work: a complete work which is published as a content item in a product which carries two or more such works, eg when two or three novels are published in a single omnibus volume 02 Front matter: text components such as Preface, Introduction etc which appear as preliminaries to the main body of text 03 Body text: text components such as Part, Chapter, Section etc which appear as part of the main body of text 04 Back matter: text components such as Index which appear after the main body of text
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Reference name <TextItemType>

Example 03 Body text

Page run composite

A group of data elements that together define a run of contiguous pages on which a text item appears. The composite is used only in a record for a monograph-chapter-as-manifestation. Optional, and may be repeated where the text item covers two or more separate page runs.

Reference name <PageRun>

MMC.32 First page number

The number of the first page of a sequence of contiguous pages. Mandatory in each occurrence of the <PageRun> composite, and non-repeating. Note that here and in the <LastPageNumber> element a page "number" may be arabic, roman, or an alphanumeric string (eg *L123*).

Format Variable-length alphanumeric, suggested maximum length 20 characters

Reference name <FirstPageNumber>

Example 23

MMC.33 Last page number

The number of the last page of a sequence of contiguous pages (ignoring any blank verso which is left after the last text page). This element is omitted if an item begins and ends on the same page; otherwise it should occur once and only once in each occurrence of the <PageRun> composite.

Format Variable-length alphanumeric, suggested maximum length 20 characters

Reference name <LastPageNumber>

Example 35

End of page run composite

MMC.34 Number of pages

The page extent of a text item within a paginated product. Optional and non-repeating: used only in a record for a monograph-chapter-as-manifestation.

Format Variable length integer, suggested maximum length 6 digits.

Reference name <NumberOfPages>

Example 26

End of text item composite**Content item enumeration composite**

A group of data elements which together allow the enumeration of a content item within a monograph to be stated in the style and wording used in the original work. The composite can be nested to any depth required to specify a multi-level enumeration, eg Part IV, Chapter 3, Section 1. See example on next page. Optional and non-repeating.

Reference name <ContentItemEnumeration>

MMC.35 Content item type name

The generic name (if any) which is given in the monographic work to the type of section which the content item represents, eg Chapter, Part, Track. Optional and non-repeating.

Format Variable-length alphanumeric, suggested maximum length 100 characters

Reference name <ContentItemTypeName>

Example *Chapter*

MMC.36 Content item number

The number (if any) which is given to the content item, in the form (eg Arabic or roman) in which it is given in the monographic work. Mandatory in any occurrence of the **<ContentItemEnumeration>** composite, and non-repeating.

Format Variable-length alphanumeric, suggested maximum length 20 characters

Reference name <ContentItemNumber>

Example XX

Content item enumeration composite

The <ContentItemEnumeration> composite can appear as a recursive element within itself. Optional, and non-repeating at any given level. See example on next page.

Reference name <ContentItemEnumeration>

End of content item enumeration composite

Example showing a nested <ContentItemEnumeration> composite

Part IV, Chapter 3, Section 1

```
<ContentItemEnumeration>
  <ContentItemTypeName>Part</ContentItemTypeName>
  <ContentItemNumber>IV</ContentItemNumber>
  <ContentItemEnumeration>
    <ContentItemTypeName>Chapter</ContentItemTypeName>
    <ContentItemNumber>3</ContentItemNumber>
    <ContentItemEnumeration>
      <ContentItemEnumeration>
        <ContentItemTypeName>Part</ContentItemTypeName>
        <ContentItemNumber>IV</ContentItemNumber>
      </ContentItemEnumeration>
    </ContentItemEnumeration>
  </ContentItemEnumeration>
</ContentItemEnumeration>
```

Title composite

A group of data elements which together give the text of a title, including a subtitle where applicable, and specify its type. The <Title> tag may optionally carry any of the following ONIX attributes: *textformat*, *language*, *transliteration*, *textcase*, where these are shared by all text elements within the composite. The <Title> composite is mandatory in each occurrence of the <ContentItem> composite, and is repeatable if more than one form of the title is sent.

Reference name <Title>

MMC.37 Title type code

An ONIX code indicating the type of a title. Mandatory in each occurrence of the <Title> composite, and non-repeating. Additional types of title can be defined by adding code values.

Format	Fixed-length, two numeric digits	
Code list	01	Distinctive title, in full
	05	Abbreviated or truncated title
Reference name	<TitleType>	
Example	01	

MMC.38 Title text

The text of the title specified by the <TitleType> code. Mandatory in each occurrence of the <Title> composite, and non-repeating.

Format	Variable-length text, suggested maximum 600 characters	
Reference name	<TitleText>	
Example	Getting to grips with the EU Copyright Directive	

MMC.39 Subtitle

The full text of a subtitle, if any. "Subtitle" means any added words which appear with the title given in an occurrence of the **<Title>** composite, and which amplify and explain the title, but which are not considered to be part of the title itself. Optional and non-repeating.

Format Variable-length text, suggested maximum 300 characters

Reference name **<Subtitle>**

Example *A lawyer's view*

End of title composite

Contributor composite

A repeatable group of data elements which together describe a personal or corporate contributor to the content item. Each instance of the **<Contributor>** composite must carry a personal name (in one or both of the two forms supported in MMC.43 and MMC.44), or a corporate name, or an **<UnnamedPersons>** element (MMC.46), but combinations of these elements are not permitted.

Reference name **<Contributor>**

MMC.40 Contributor sequence number

A number which specifies a single overall sequence of contributor names. Optional and non-repeating.

Format Variable-length integer, 1, 2, 3 etc, suggested maximum length 3 digits

Reference name **<SequenceNumber>**

Example 3

MMC.41 Contributor role

An ONIX code indicating the role played by a person or corporate body in the creation of the content item. Mandatory in each occurrence of a **<Contributor>** composite, and may be repeated if the same person or corporate body has more than one role in relation to the content item.

Format Fixed-length, one letter and two numeric digits

Code list ONIX Code List 17: see separate documentation

Reference name **<ContributorRole>**

Example *A01*

MMC.42 Person name

The name of a person who contributed to the creation of the content item, unstructured, and presented in normal order. Optional and non-repeating: see introductory text for the **<Contributor>** composite above for valid options.

Format Variable-length text, suggested maximum length 100 characters

Reference name **<PersonName>**

Example *James J. Johnson III*

MMC.43 Person name, inverted

The name of a person who contributed to the creation of the content item, presented in inverted order, with the element used for alphabetical sorting placed first. Optional and non-repeating: see introductory text for the **<Contributor>** composite above for valid options.

Format	Variable-length text, suggested maximum length 100 characters
Reference name	<PersonNameInverted>
Example	<i>Johnson, James J., III</i>

MMC.44 Corporate contributor name

The name of a corporate body which contributed to the creation of the content item, unstructured. Optional and non-repeating: see introductory text for the **<Contributor>** composite above for valid options.

Format	Variable-length text, suggested maximum length 200 characters
Reference name	<CorporateName>
Example	<i>Good Housekeeping Institute</i>

MMC.45 Unnamed person(s)

An ONIX code allowing a positive indication to be given when authorship is unknown or anonymous, or when as a matter of editorial policy only a limited number of contributors are named. Optional and non-repeating: see introductory text for the **<Contributor>** composite above for valid options.

Format	Fixed-length, two numeric digits
Code list	01 Unknown 02 Anonymous 03 et al ("and others", when additional contributors are not listed) 04 Various authors (when the product combines a number of titles by different authors)
Reference name	<UnnamedPersons>
Example	02 Anonymous

End of contributor composite**Language composite**

A repeatable group of data elements which together represent a language and specify its role, used here to represent the language of a monograph chapter. Optional and repeatable.

Reference name	<Language>
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MMC.46 Language role

An ONIX code indicating the "role" of a language in the context of the ONIX record. Mandatory in each occurrence of the **<Language>** composite, and non-repeating.

Format	Fixed-length, two numeric digits
Code list	01 Language of text 02 Original language of a translated text
Reference name	<LanguageRole>
Example	01

MMC.47 Language code

An ISO code indicating a language. Mandatory in each occurrence of the **<Language>** composite, and non-repeating.

Format	Fixed-length, three lower-case letters. Note that ISO 639 specifies that these codes should always be in lower-case.
Code list	ISO 639-2/B three-letter codes
Reference name	<LanguageCode>
Example	<i>eng</i>

End of language composite**Main subject composite**

An optional and repeatable group of data elements which together describe a main subject classification or subject heading which is taken from a recognized scheme.

Reference name	<MainSubject>
----------------	----------------------------

MMC.48 Main subject scheme identifier

An ONIX code which identifies a subject scheme which is designated for use in a **<MainSubject>** composite. Mandatory in each occurrence of the composite, and non-repeating.

When the scheme in the code list is annotated "Code", use the associated **<SubjectCode>** element to carry the value (if so required, the **<SubjectHeadingText>** element can be used simultaneously to carry the text equivalent of the code). When the scheme is annotated "Text", use the **<SubjectHeadingText>** element to carry the text of the subject heading.

Format	Fixed-length, two numeric digits.
Code list	ONIX List 26, extended to include BIC and BISAC schemes
Reference name	<MainSubjectSchemeIdentifier>
Example	<i>25</i>

MMC.49 Subject scheme version number

A number which identifies a version or edition of the subject scheme specified in the associated **<MainSubjectSchemeIdentifier>** element. Optional and non-repeating.

Format	Free form. Suggested maximum length 10 characters
Reference name	<SubjectSchemeVersion>
Example	<i>2.1</i>

MMC.50 Subject code

A subject class or category code from the scheme specified in the **<MainSubjectSchemeIdentifier>** element. Either **<SubjectCode>** or **<SubjectHeadingText>** or both must be present in each occurrence of the **<MainSubject>** composite. Non-repeating.

Format	Variable-length, alphanumeric, suggested maximum length 20 characters.
Code list	The scheme specified in <MainSubjectSchemeIdentifier>
Reference name	<SubjectCode>
Example	<i>623.95</i>

MMC.51 Subject heading text

The text of a heading taken from the scheme specified in the **<MainSubjectSchemeIdentifier>** element; or the text equivalent to the **<SubjectCode>** value, if both code and text are sent. Either **<SubjectCode>** or **<SubjectHeadingText>** or both must be present in each occurrence of the **<MainSubject>** composite. Non-repeating.

Format Variable-length text, suggested maximum length 100 characters.

Reference name **<SubjectHeadingText>**

Example *Labor and industrial relations*

End of main subject composite**Additional subject composite**

An optional and repeatable group of data elements which together describe a subject classification or subject heading which is additional to the BISAC, BIC or other main subject category.

Reference name **<Subject>**

MMC.52 Subject scheme identifier

An ONIX code which identifies the subject scheme which is used in an occurrence of the **<Subject>** composite. Mandatory in each occurrence of the composite, and non-repeating.

When the scheme in the code list is annotated "Code", use the associated **<SubjectCode>** element to carry the value (if so required, the **<SubjectHeadingText>** element can be used simultaneously to carry the text equivalent of the code). When the scheme is annotated "Text", use the **<SubjectHeadingText>** element to carry the text of the subject heading.

Format Fixed-length, two numeric digits.

Code list ONIX List 27

Reference name **<SubjectSchemeIdentifier>**

Example 03

MMC.53 Proprietary subject scheme name

A name identifying a proprietary subject scheme when **<SubjectSchemeIdentifier>** is coded "24". Optional and non-repeating.

Format Variable-length text, suggested maximum length 100 characters.

Reference name **<SubjectSchemeName>**

Example 21

MMC.54 Subject scheme version number

A number which identifies a version or edition of the subject scheme specified in the associated **<SubjectSchemeIdentifier>** element. Optional and non-repeating.

Format Free form. Suggested maximum length 10 characters, for consistency with other version number elements.

Reference name **<SubjectSchemeVersion>**

Example 21

MMC.55 Subject code

A subject class or category code from the scheme specified in the **<SubjectSchemeIdentifier>** element. Either **<SubjectCode>** or **<SubjectHeadingText>** or both must be present in each occurrence of the **<Subject>** composite. Non-repeating.

Format	Variable-length, alphanumeric, suggested maximum length 20 characters.
Code list	The scheme specified in the associated <SubjectSchemeIdentifier> element.
Reference name	<SubjectCode>
Short tag	<b069>
Example	<i>623.95</i>

MMC.56 Subject heading text

The text of a subject heading taken from the scheme specified in the **<SubjectSchemeIdentifier>** element, or of free language keywords if the scheme is specified as “keywords”; or the text equivalent to the **<SubjectCode>** value, if both code and text are sent. Either **<SubjectCode>** or **<SubjectHeadingText>** or both must be present in each occurrence of the **<Subject>** composite. Non-repeating.

Format	Variable-length text, suggested maximum length 100 characters.
Reference name	<SubjectHeadingText>
Short tag	<b070>
Example	<i>Labor and industrial relations</i>

End of additional subject composite**MMC.57 Audience code**

An ONIX code that identifies the broad audience or readership for whom a publication is intended. Optional, and repeatable if the publication is intended for two or more groups.

Format	Fixed-length, two numeric digits.
Code list	ONIX List 28
Reference name	<AudienceCode>
Example	<i>04</i>

Other text composite

An optional and repeatable group of data elements that carries descriptive text related to the publication. Used here either for a short annotation or for a longer description.

Reference name <OtherText>

MMC.58 Other text type code

An ONIX code which identifies the type of text which is sent in the <Text> element. Mandatory in each occurrence of the <OtherText> composite, and non-repeating.

Format Fixed-length, two characters (initially allocated as 01, 02 etc)

Code list Selected codes only from ONIX List 33:

01 Main description
02 Annotation

Reference name <TextTypeCode>

Example 33

MMC.59 Other text

The text specified in the <TextTypeCode> element. In this context, mandatory in any occurrence of the <OtherText> composite, and non-repeating.

The <Text> element may carry any of the following ONIX attributes: *textformat*, *language*, *transliteration*, *textcase*.

For consistency with full ONIX messages, XHTML is enabled in this element: see *ONIX for Books – Product Information Message – XML Message Specification*, Section 7

Format Variable length text

Reference name <Text>

Example

End of other text composite

MMC.60 Publication date

In records describing a monograph chapter-as-work, the actual date of first publication in either paper or electronic form.

In records describing a monograph chapter-as-manifestation: the actual date of publication in the form to which the DOI registration applies.

In either case, optional and non-repeating.

Format Four, six or eight numeric digits (YYYY, YYYYMM, or YYYYMMDD).

Reference name <PublicationDate>

Example 20010315

Copyright statement composite

An optional and repeatable group of data elements which together represent a structured copyright statement for the content item.

Reference name <CopyrightStatement>

MMC.61 Copyright year

The copyright year as it appears in a copyright statement on the content item. Mandatory in each occurrence of the <CopyrightStatement> composite, and repeatable if several years are listed.

Format Date as year only (YYYY)

Reference name <CopyrightYear>

Example 2003

Copyright owner composite

A repeatable group of data elements which together name a copyright owner. At least one occurrence is mandatory in each occurrence of the <CopyrightStatement> composite. Each occurrence of the <CopyrightOwner> composite must carry a single name (personal or corporate). (In a full ONIX record, an identifier may also be used.)

Reference name <CopyrightOwner>

MMC.62 Person name

The name of a person, used here for a personal copyright holder. Non-repeating. One occurrence of either <PersonName> or <CorporateName>, but not both, must be present in each occurrence of the <CopyrightStatement>.

Format Variable-length text, suggested maximum length 100 characters

Reference name <PersonName>

Example James J. Johnson III

MMC.63 Corporate name

The name of a corporate body, used here for a corporate copyright holder. Non-repeating.

Format Variable-length text, suggested maximum length 200 characters

Reference name <CorporateName>

Example Johnson & Johnson Inc

End of copyright owner composite

End of copyright statement composite

Related work composite

A group of data elements which together identify a work which has a specified relationship to the monograph chapter which is described in the ONIX metadata package. Optional, and repeatable if the content item is linked to more than one related work. The mandatory content of an occurrence of the **<RelatedWork>** composite is a **<RelationCode>** and a work identifier.

Reference name <RelatedWork>

MMC.64 Relation code

An ONIX code which identifies the nature of the relationship between two entities, which may be either works or manifestations of works. Mandatory in each occurrence of the **<RelatedWork>** composite, and non-repeating. In the code lists below, "X" represents the related work that is identified in an occurrence of the composite.

Format	Fixed length, two numeric digits		
Code list (in records describing a monograph chapter-as-work)	80	Includes	
	81	Is part of	
	82	Is a new version of	Is a new version of X, with different content
	83	Has a new version	Has a new version X, with different content
	85	Is a different language version of	
	86	Is a resource about	
	87	Is continued by	
	88	Is a continuation of	
Code list (in records describing a monograph chapter-as-manifestation)	80	Includes	Includes a manifestation of X
	81	Is part of	Is a manifestation of part of X
	82	Is a new version of	Is a manifestation of a new version of X, with different content
	83	Has a new version	Is a manifestation of a work that has a new version X, with different content
	85	Is a different language version of	Is a manifestation of a work that is a different language version of X
	86	Is a resource about	Is a manifestation of a work that is a resource about X
	87	Is continued by	Is a manifestation of a work that is continued by X
	88	Is a continuation of	Is a manifestation of a work that is a continuation of X
	90	Is a manifestation of	
Reference name	<RelationCode>		
Example	81	Is part of	

Work identifier composite

A group of data elements which together define the identifier of a work in accordance with a specified scheme, and allowing other types of work identifier for a related work to be included without defining additional data elements. One occurrence is mandatory in each instance of the **<RelatedWork>** composite. Repeatable if the work has more than one identifier of different types.

Reference name <WorkIdentifier>

MMC.65 Work identifier type code

An ONIX code identifying the scheme from which the identifier in the **<IDValue>** element is taken. Mandatory in each occurrence of the **<WorkIdentifier>** composite, and non-repeating.

Format	Fixed-length, 2 numeric digits
Code list	01 Proprietary, eg a publisher's work identifier 06 DOI 11 ISTC
Reference name	<WorkIDType>
Example	06 DOI

MMC.66 Identifier value

An identifier of the type specified in the **<WorkIDType>** element. Mandatory in each occurrence of the **<WorkIdentifier>** composite, and non-repeating.

Format	According to the identifier type specified in <WorkIDType>
Reference name	<IDValue>
Example	12345678

End of work identifier composite

End of related work composite

Related product composite

A group of data elements which together identify a product (or “manifestation”) which has a specified relationship to the monograph chapter which is described in the ONIX metadata package. Optional, and repeatable if the content item is linked to more than one related product. The minimum required content of an occurrence of the **<RelatedProduct>** composite is a **<RelationCode>** and a product identifier.

Reference name <RelatedProduct>

MMC.67 Relation code

An ONIX code which identifies the nature of the relationship between two entities, which may be either works or manifestations of works. Mandatory in each occurrence of the **<RelatedProduct>** composite, and non-repeating. In the code lists below, “Y” represents the related product or manifestation that is identified in an occurrence of the composite.

Format Fixed length, two numeric digits

Code list (in records describing a monograph chapter-as-work)	80	Includes	Includes the work manifested in Y
	81	Is part of	Is part of the work manifested in Y
	82	Is a new version of	Is a new version of the work manifested in Y, with different content
	83	Has a new version	Has a new version manifested in Y, with different content
	85	Is a different language version of	Is a different language version of the work manifested in Y
	86	Is a resource about	Is a resource about the work manifested in Y
	87	Is continued by	Is continued by the work manifested in Y
	88	Is a continuation of	Is a continuation of the work manifested in Y
	89	Is manifested in	
Code list (in records describing a monograph chapter-as-manifestation)	80	Includes	
	81	Is part of	
	82	Is a new version of	Is a manifestation of a new version of the work manifested in Y, with different content
	83	Has a new version	Is a manifestation of a work that has a new version manifested in Y, with different content
	84	Is a different form of	
	85	Is a different language version of	Is a manifestation of a work that is a different language version of the work manifested in Y
	86	Is a resource about	Is a manifestation of a work that is a resource about the work manifested in Y
	87	Is continued by	
	88	Is a continuation of	
Reference name	<RelationCode>		
Example	82	Is a new version of	

Product identifier composite

A repeatable group of data elements which together define the identifier of a product in accordance with a specified scheme, and allowing other types of product identifier for a related product to be included without defining additional data elements. Mandatory in each occurrence of the <RelatedProduct> composite. Repeatable only if two different identifiers (eg DOI and ISBN) for the same related item are sent.

Reference name <ProductIdentifier>

MMC.68 Product identifier type code

An ONIX code identifying the scheme from which the identifier in the <IDValue> element is taken. Mandatory in each occurrence of the <ProductIdentifier> composite, and non-repeating.

Format	Fixed-length, 2 numeric digits	
Code list	01	Proprietary, a publisher's product number
	02	ISBN-10 (sent unhyphenated in ONIX records)
	03	EAN-13
	06	DOI
	10	SICI
Reference name	<ProductIDType>	
Example	02	ISBN-10

MMC.69 Identifier value

An identifier of the type specified in the <ProductIDType> element. Mandatory in each occurrence of the <ProductIdentifier> composite, and non-repeating.

Format	According to the identifier type specified in <ProductIDType>	
Reference name	<IDValue>	
Example	12345678	

End of product identifier composite

End of related product composite

End of content item composite

End of <DOIMonographChapterWork> record

End of <DOIMonographChapterVersion> record

Example of an ONIX DOI Monograph Chapter Registration Message

This example shows only elements that might be included in a registration package sent by a publisher, ie it does not carry DOI-related elements that the registration agency itself might generate. The message carries a single <DOI MonographChapterWork> record.

Note that a valid DOI Metadata message must include a namespace declaration on the top-level element with the following URI: <http://www.editeur.org/onix/DOI Metadata/1.0>. The example below shows the namespace declaration in the first line. For further technical information on the purpose and use of namespaces see the W3C Recommendation 'Namespaces in XML' (<http://www.w3.org/TR/REC-xml-names/>).

```
<ONIXDOI MonographChapterWorkRegistrationMessage xmlns="http://www.editeur.org/onix/DOI Metadata/1.0">
```

```
  <Header>
    <FromCompany>?????</FromCompany>
    <FromPerson>?????????</FromPerson>
    <FromEmail>????@????</FromEmail>
    <ToCompany>mEDRA</ToCompany>
    <MessageNumber>123</MessageNumber>
    <SentDate>200305281324</SentDate>
    <MessageNote>????????????????</MessageNote>
  </Header>
  <DOI MonographChapterWork>
    <NotificationType>06</NotificationType>
    <DOI>10.9999/????????????</DOI>
    <DOIWebsiteLink>http://www.????????</DOIWebsiteLink>
    <RegistrantName>????????</RegistrantName >
    <MonographicPublication>
      <MonographicWork>
        <WorkIdentifier>
          <WorkIDType>01</WorkIDType>
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        </WorkIdentifier>
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          <TitleText>E-Serials Cataloging</TitleText>
          <Subtitle>Access to continuing and integrating resources via the catalog
and the web</Subtitle>
        </Title>
      </MonographicWork>
      <MonographicProduct>
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          <IDValue>0333754115</IDValue>
        </ProductIdentifier>
        <ProductForm>BB</ProductForm>
        <CountryOfPublication>US</CountryOfPublication>
      </MonographicProduct>
    </MonographicPublication>
    <ContentItem>
      <SequenceNumber>3</SequenceNumber>
      <TextItem>
        <TextItemType>02</TextItemType>
      </TextItem>
```

```
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  <TitleText>ISSN: an ongoing identifier in a changing world</TitleText>
</Title>
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  <ContributorRole>A01</ContributorRole>
  <PersonNameInverted>Pellé, Françoise</PersonNameInverted>
</Contributor>
<Language>
  <LanguageRole>01</LanguageRole>
  <LanguageCode>eng</LanguageCode>
</Language>
<PublicationDate>2002</PublicationDate>
<CopyrightStatement>
  <CopyrightYear>2002</CopyrightYear>
  <CopyrightOwner>
    <CorporateName>The Haworth Press Inc</CorporateName>
  </CopyrightOwner>
</CopyrightStatement>
</ContentItem>
</DOIMonographChapterWork>
</ONIXDOIMonographChapterWorkRegistrationMessage>
```