EDITEUR

ONIX DOI METADATA FOR SERIAL ISSUES

Message specification, Version 1.0, 10 November 2004

doi: 10.1392/specsi

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 serial issues. The specification allows for the registration of a DOI that is assigned to a serial issue-as-work or a DOI that is assigned to a serial issue-as-manifestation, ie it gives the option of registering one DOI only, regardless of the different forms – paper or electronic – in which it 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 Serial Issue DOI Registration message must carry *either* Serial Issue Work records only *or* Serial Issue 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 serial-issues-as-works; text in blue-green is used to indicate content that applies only to serial-issues-as-manifestations; text in light red indicates areas where there are outstanding queries or uncertainties.

Pages 27 and 28 show a simple example of an ONIX Serial Issue DOI Registration message carrying a single Serial Issue 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.

<ONIXDOISerialIssueWorkRegistrationMessage>

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

<ONIXDOISerialIssueVersionRegistrationMessage>

An ONIX DOI registration metadata message for serial-issues-as-manifestations is an XML document beginning with an XML label <ONIXDOISerialIssueVersionRegistration Message xmlns="http://www.editeur.org/onix/DOIMetadata/1.0"> (which includes an XML namespace declaration) and ending with an XML label </ONIXDOISerialIssueVersionRegistrationMessage>. The content of the message comprises one mandatory instance of the <Header> composite defined below, and one or more instances of the <DOISerialIssueVersion> 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

<DOISerialIssueWork> record

A serial issue-as-work is described by a group of data elements beginning with an XML label <DOISerialIssueWork> and ending with an XML label </DOISerialIssueWork>.

Reference name <DOISerialIssueWork>

<DOISerialIssueVersion> record

A serial issue-as-manifestation is described by a group of data elements beginning with an XML label <DOISerialIssueVersion> and ending with an XML label </DOISerialIssueVersion>.

Reference name <DOISerialIssueVersion>

MSI.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*

MSI.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*

MSI.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://xyzjournals.com/0123456789.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>

MSI.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 *??*

MSI.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://xyzjournals.com/0123456789/service3.htm

End of website composite

MSI.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 serial issues-as-works is *Abstraction*

The permitted values for DOI registrations for serial issues-as-manifestations are *PhysicalFixation*, *DigitalFixation*

Reference name <DOIStructuralType>

Example *Abstraction*

MSI.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 serial issues-as-works is *Abstract* The permitted values for DOI registrations for serial issues-as-manifestations are *Visual*, *Audio*, *Audiovisual*
Reference name	<DOIMode>
Example	*Visual*

MSI.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	*Mondadori*

MSI.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 necessarily be required in metadata submitted by publishers for registration.

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

NOTE: the **<WorkIdentifier>** and **<ProductIdentifier>** composites specified on this and the following page are to be used for additional identifiers by which the serial issue which is being registered for DOI assignment is known. They are included for consistency with other ONIX DOI registration formats, though it is probably less likely that a serial issue 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 serial issue-as-work. In ONIX DOI registrations for serial issues-as-works, one occurrence might carry an 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 serial issue-as-manifestation.

Reference name <WorkIdentifier>

MSI.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 *01*

MSI.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 *123456789*

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 serial issue-as-manifestation. In ONIX DOI registrations for serial issues-as-manifestations, one occurrence could carry a publisher's proprietary identifier, for example. Optional and repeatable if the work has more than one identifier of different types. Not used in a record for a serial issue-as-work.

Reference name <ProductIdentifier>

MSI.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
10 SICI (for journal issue)

Reference name <ProductIDType>

Example *02*

MSI.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

Serial publication composite

A group of data elements which together identify and describe a serial publication at either or both of "serial work" and "serial version" (or "manifestation") levels. Mandatory and non-repeating. The structure of the composite requires that the title and publisher of the serial are given at "work" level. An identifier is optional at the "work" level.

Reference name <SerialPublication>

Serial work composite

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

Reference name <SerialWork>

Work identifier composite

A repeatable group of data elements which together define an identifier of a serial work. Optional: to be sent only if the serial has an established identifier at "work" level. (ISSNs are correctly assigned at "serial version" level, with a separate ISSN for print and electronic versions.) Repeatable only if two or more identifiers of different types are sent.

Reference name <WorkIdentifier>

MSI.14 Serial 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
08 CODEN

Reference name <WorkIDType>

Example *01* Proprietary

MSI.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 serial work. Mandatory in each occurrence of the **<SerialPublication>** 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>

MSI.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 cover title in full
05 Abbreviated or truncated title

Reference name <TitleType>

Example *01*

MSI.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 *Journal of Irreproducible Results*

MSI.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 *?????????????*

End of title composite

MSI.19 Imprint or brand name

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

Format Variable length text, suggested maximum length 100 characters.

Reference name <ImprintName>

Example *Secker & Warburg*

Publisher composite

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

Reference name <Publisher>

MSI.20 Publishing role code

An ONIX code which identifies a role played by an entity in the publishing of a serial work. 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*

MSI.21 Publisher name

The name of an entity associated with the publishing of a serial work. 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

MSI.22 Country of publication

A code identifying the country where the serial work 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 serial work composite

Serial version composite

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

Optional and repeatable in records describing a serial issue-as-work, if the serial publication is available in two or more versions.

Mandatory and non-repeating in records describing a serial issue-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 <SerialVersion>

Product identifier composite

A repeatable group of data elements which together define an identifier of a version of a serial publication. Optional: to be sent if the serial has one or more established identifiers at "serial version" level. (ISSNs are correctly assigned at "serial version" level, with a separate ISSN for print and electronic versions.)

Reference name <ProductIdentifier>

MSI.23 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
06 DOI
07 ISSN (sent unhyphenated in ONIX records)

Reference name <ProductIDType>

Example *01* Proprietary

MSI.24 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

MSI.25 Product form code

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

Format	Fixed-length, two letters.
Code list	Selected codes only from ONIX Product Form code list: JB Printed journal JC CD-ROM journal JD Electronic journal, online
Reference name	<ProductForm>
Example	*JB*

MSI.26 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 *JD*.

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

MSI.27 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	*2.1*

MSI.28 Epublication format description

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

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

End of serial version composite

End of serial publication composite

Example of the use of the <SerialPublication> composite

This example shows a serial called “New Title” which is published in print and online versions, each of which has its own ISSN. The example is constructed as if it was part of a <SerialIssueWork> record, ie it describes both versions within the <SerialPublication> composite.

```
<SerialPublication>
        <SerialWork>
                <Title language=”eng”>
                        <TitleType>01</TitleType>
                        <TitleText>New Title</TitleText>
                </Title>
                <Publisher>
                        <PublishingRole>01</PublishingRole>
                        <PublisherName>Newpublisher</PublisherName>
                </Publisher>
        </SerialWork>
        <SerialVersion>
                <ProductIdentifier>
                        <ProductIDType>07</ProductIDType>
                        <IDValue>12345678</IDValue>
                </ProductIdentifier>
                <ProductForm>JB</ProductForm>
        </SerialVersion>
        <SerialVersion>
                <ProductIdentifier>
                        <ProductIDType>07</ProductIDType>
                        <IDValue>87654321</IDValue>
                </ProductIdentifier>
                <ProductForm>JD</ProductForm>
        </SerialVersion>
</SerialPublication>
```

Journal issue composite

A group of data elements which together identify a serial issue. Mandatory and non-repeating in this context. The composite must carry at least an issue number in the **<JournalIssueNumber>** element, or an "other designation" in **<JournalIssueDesignation>**, or an issue date in **<IssueDate>**; or any combination of these.

Reference name <JournalIssue>

MSI.29 Volume number

The number given by the publisher to the volume of a serial of which the issue is part. Optional and non-repeating: the field is omitted if the serial does not have numbered volumes. If volumes are numbered in roman numerals, the number must be converted to arabic digits.

Format Variable-length integer, suggested maximum length 6 digits

Reference name <JournalVolumeNumber>

Example *53*

MSI.30 Issue number

The number given by the publisher to the issue described in an occurrence of the **<JournalIssue>** composite. This field is omitted if the serial does not have numbered issues, in which case the **<JournalIssueDesignation>** element and/or **<IssueDate>** must be present. If issues are numbered in roman numerals, the number must be converted to arabic digits.

Format Variable-length integer, suggested maximum length 6 digits

Reference name <JournalIssueNumber>

Example *7*

MSI.31 Other designation of volume and/or issue

Where an issue cannot be specified by enumeration of volume and/or issue, an "other designation" may be entered here as free text.

Format Text, suggested maximum length 100 characters

Reference name <JournalIssueDesignation>

Example *Index for Vols 20-25*

Journal issue date composite

A group of data elements which together specify a journal issue date. Required unless not known at the time of DOI registration.

Reference name <JournalIssueDate>

MSI.32 Date format

An ONIX code indicating the format in which the date is given in **<Date>**. Mandatory in each occurrence of the **<JournalIssueDate>** composite, and non-repeating.

Format Fixed-length, two numeric digits

Code list
00 YYYYMMDD Year month day (default)
01 YYYYMM Year month
02 YYYYWW Year and week number
03 YYYYQ Year and quarter (Q = 1, 2, 3, 4)
04 YYYYS Year and season (S = 1, 2, 3, 4 with 1 = "Spring")
05 YYYY Year
06 YYYYMMDDYYYYMMDD Spread of exact dates
07 YYYYMMYYYYMM Spread of months
08 YYYYWWYYYYWW Spread of week numbers
09 YYYYQYYYYQ Spread of quarters
10 YYYYSYYYYS Spread of seasons
11 YYYYYYYY Spread of years
12 Text string For approximate or uncertain dates

Reference name <DateFormat>

Example *01*

MSI.33 Date

The issue date in the format specified in the **<DateFormat>** element. Mandatory in each occurrence of the **<JournalIssueDate>** composite, and non-repeating.

Format As specified by the value in **<DateFormat>**: default YYYYMMDD

Reference name <Date>

Example *200101*

End of journal issue date composite

MSI.34 Publication date

In records describing a serial issue-as-work, the actual date of first publication in either paper or electronic form, as opposed to the nominal date of the issue, which is sent in the **<JournalIssue>** composite.

In records describing a serial issue-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*

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 thematic title of a serial issue, when an issue is devoted to a specific topic. Optional, and non-repeating.

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>

MSI.35 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 07 Thematic title of journal issue

Reference name <TitleType>

Example *07*

MSI.36 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 *Insects of the Sahel*

MSI.37 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 *Armoured scale insects*

End of title composite

End of journal issue 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>

MSI.38 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 *25*

MSI.39 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 *2.1*

MSI.40 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 *623.95*

MSI.41 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>

MSI.42 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*

MSI.43 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*

MSI.44 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*

MSI.45 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 *623.95*

MSI.46 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	*Labor and industrial relations*

End of additional subject composite

MSI.47 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	*04*

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>

MSI.48 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*

MSI.49 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

Copyright statement composite

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

Reference name <CopyrightStatement>

MSI.50 Copyright year

The copyright year as it appears in a copyright statement on the serial issue. 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>

MSI.51 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*

MSI.52 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 repeatable group of data elements which together identify a work which has a specified relationship to the serial issue which is described in the ONIX DOI metadata package.

The mandatory content of an occurrence of the **<RelatedWork>** composite is a **<RelationCode>** and a work identifier.

Reference name <RelatedWork>

MSI.53 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 serial issue-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 serial issue-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 *85* Is a different-language version 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>

MSI.54 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

MSI.55 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 *2345678*

End of work identifier composite

End of related work composite

Related product composite

A repeatable group of data elements which together identify a product (or "manifestation") which has a specified relationship to the serial issue which is described in the ONIX DOI metadata package. The minimum required content of an occurrence of the **<RelatedProduct>** composite is a **<RelationCode>** and a product identifier.

Reference name <RelatedProduct>

MSI.56 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 serial issue-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 serial issue-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>

MSI.57 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 or wholesaler's product number
- 02 ISBN-10
- 03 EAN-13 (including ISBN-13)
- 06 DOI
- 10 SICI

Reference name <ProductIDType>

Example *02*

MSI.58 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 <DOISerialIssueWork> record

End of <DOISerialIssueVersion> record

Example of an ONIX DOI Serial Issue 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 <DOISerialIssueWork> 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/DOIMetadata/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/).

```
<ONIXDOISerialIssueWorkRegistrationMessage xmlns="http://www.editeur.org/onix/DOIMetada
ta/1.0">
    <Header>
        <FromCompany>??????</FromCompany>
        <FromPerson>??????????</FromPerson>
        <FromEmail>?????@?????</FromEmail>
        <ToCompany>mEDRA</ToCompany>
        <MessageNumber>123</MessageNumber>
        <SentDate>200305281324</SentDate>
        <MessageNote>????????????????</MessageNote>
    </Header>
    <DOISerialIssueWork>
        <NotificationType>06</NotificationType>
        <DOI>10.99999/????????????????</DOI>
        <DOIWebsiteLink>http://www.??????????</DOIWebsiteLink>
        <RegistrantName>????????</RegistrantName >
        <SerialPublication>
            <SerialWork>
                <Title language=”ita”>
                    <TitleType>01</TitleType>
                    <TitleText>????????</TitleText>
                </Title>
                <Publisher>
                    <PublishingRole>01</PublishingRole>
                    <PublisherName>????????</PublisherName>
                </Publisher>
                <CountryOfPublication>IT</CountryOfPublication>
            </SerialWork>
            <SerialVersion>
                <ProductIdentifier>
                    <ProductIDType>07</ProductIDType>
                    <IDValue>12345678</IDValue>
                </ProductIdentifier>
                <ProductForm>JB</ProductForm>
            </SerialVersion>
            <SerialVersion>
                <ProductIdentifier>
                    <ProductIDType>07</ProductIDType>
                    <IDValue>87654321</IDValue>
                </ProductIdentifier>
                <ProductForm>JD</ProductForm>
            </SerialVersion>
        </SerialPublication>
```

```
        <JournalIssue>
            <JournalVolumeNumber>16</JournalVolumeNumber>
            <JournalIssueNumber>2</JournalIssueNumber>
            <JournalIssueDate>
                <DateFormat>04</DateFormat>
                <Date>20032</Date>
            </JournalIssueDate>
        </JournalIssue>
    </DOISerialIssueWork>
</ONIXDOISerialIssueWorkRegistrationMessage>
```