ONIX DOI METADATA FOR SERIAL ISSUES


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 specification allows for the registration of both single resolution DOIs and multiple resolution DOIs. A new composite has been added to specify multiple pointers (URI) to the online resources associated with the DOI to which the metadata package refers.

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 30 and 31 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, OPOCE (The Office for Official Publications of the European Communities) and MVB(Marketing- und Verlagsservice des Buchhandels GmbH).
An ONIX DOI registration metadata message for serial issues as works is an XML document beginning with an XML label `<ONIXDOISequentialIssueWorkRegistrationMessage xmlns="http://www.editeur.org/onix/DOIMetadata/2.0">` (which includes an XML namespace declaration) and ending with an XML label `</ONIXDOISequentialIssueWorkRegistrationMessage>`. The content of the message comprises one mandatory instance of the `<Header>` composite defined below, and one or more instances of the `<DOISequentialIssueWork>` record.

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**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.

<table>
<thead>
<tr>
<th>Format</th>
<th>Variable-length ASCII text, suggested maximum 30 characters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference name</td>
<td>&lt;ToCompany&gt;</td>
</tr>
<tr>
<td>Example</td>
<td>medRA</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Format</th>
<th>Variable-length integer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference name</td>
<td>&lt;MessageNumber&gt;</td>
</tr>
<tr>
<td>Example</td>
<td>1234</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Format</th>
<th>Variable-length integer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference name</td>
<td>&lt;MessageRepeat&gt;</td>
</tr>
<tr>
<td>Example</td>
<td>2</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Format</th>
<th>Eight or twelve numeric digits only (YYYYMMDD or YYYYMMDDHHMM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference name</td>
<td>&lt;SentDate&gt;</td>
</tr>
<tr>
<td>Example</td>
<td>200005220230</td>
</tr>
</tbody>
</table>

### MMH.8 Message note

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

<table>
<thead>
<tr>
<th>Format</th>
<th>Variable-length ASCII text, suggested maximum 500 characters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference name</td>
<td>&lt;MessageNote&gt;</td>
</tr>
<tr>
<td>Example</td>
<td>New titles to be published September 2003</td>
</tr>
</tbody>
</table>

---

**End of header composite**
A serial issue-as-work is described by a group of data elements beginning with an XML label `<DOI SERIAL ISSUE WORK>` and ending with an XML label `</DOI SERIAL ISSUE WORK>`. Reference name `&lt;DOI SERIAL ISSUE WORK&gt;`.

A serial issue-as-manifestation is described by a group of data elements beginning with an XML label `<DOI SERIAL ISSUE VERSION>` and ending with an XML label `</DOI SERIAL ISSUE VERSION>`. Reference name `&lt;DOI SERIAL ISSUE VERSION&gt;`.

**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**: `&lt;NotificationType&gt;`
- **Example**: 06

**MSI.2 DOI**


- **Format**: Variable-length text, suggested maximum length 300 characters.
- **Reference name**: `&lt;DOI&gt;`
- **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**: `&lt;DOI Website Link&gt;`
- **Example**: [http://xyzjournals.com/0123456789.htm](http://xyzjournals.com/0123456789.htm)
**Collection composite**

An optional and repeatable group of data elements which together identify and provide pointers to other web pages 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 such as crawling for antiplagiarism check.

The `<Collection>` element must carry the mandatory attribute `property`. For the antiplagiarism service, the attribute `property` must have the following value: `crawler-based`.

Reference name  `<Collection>`
Example  `<Collection property="crawler-based">`

**Item**

A group of data elements which includes the resource associated with the DOI to which the metadata package refers. Mandatory and non-repeating.

The `<Item>` element can carry the optional attribute `crawler`. The attribute `crawler` can have one of the following values: `altavista`, `google`, `msn`, `scirus`, `yahoo`, `iParadigms`. For the antiplagiarism service, the attribute `crawler` must have the following value: `iParadigms`.

Reference name  `<Item>`
Example  `<Item crawler="iParadigms">`

**Resource**

An element which identifies the pointer to other web pages associated with the DOI, used to provide the URL suitable to enable particular service types such as crawling for antiplagiarism check. Mandatory and non-repeating.

Format  URI, max length 2048 digits
Reference name  `<Resource>`

**DOI resolution composite**

A group of data elements which together identify and provide pointers (URI) to multiple online resources associated with the DOI, thus enabling the DOI Multiple Resolution service.

The composite is optional, but must be included whenever multiple URI are intended to be associated with the DOI to which the metadata package refers. Non-repeating.

Please refer to *DOI Multiple Resolution Metadata* separate documentation for details on the use of this composite (doi: 10.1392/ONIX.DOI.MR)

Reference name  `<DOIResolution>`

**End of DOI resolution composite**
### 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. **Note that for Multiple Resolution purposes the <Website> composite has been superseded by the new composite <DOIResolution>, and the code list will not be further developed. The <Website> composite is retained only for purposes of backwards compatibility, and its use is now to be deprecated.**

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.

<table>
<thead>
<tr>
<th>Format</th>
<th>Fixed-length, two numeric digits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code list</td>
<td>Code values to be defined to cover multiple resolution for different service types</td>
</tr>
<tr>
<td>Reference name</td>
<td>&lt;WebsiteRole&gt;</td>
</tr>
<tr>
<td>Example</td>
<td></td>
</tr>
</tbody>
</table>

### MSI.5 Link to website

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

<table>
<thead>
<tr>
<th>Format</th>
<th>Variable-length text, suggested maximum length 300 characters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference name</td>
<td>&lt;WebsiteLink&gt;</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Format</th>
<th>Variable-length character string values defined by IDF</th>
</tr>
</thead>
</table>
| 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          | <DOI StructuralType>                                  |
| 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, OPOCE*

**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.

<table>
<thead>
<tr>
<th>Format</th>
<th>Fixed-length, 2 numeric digits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code list</td>
<td>01 Proprietary, eg a publisher’s internal work identifier</td>
</tr>
<tr>
<td></td>
<td>11 ISTC</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Format</th>
<th>According to the identifier type specified in <code>&lt;WorkIDType&gt;</code></th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference name</td>
<td><code>&lt;IDValue&gt;</code></td>
</tr>
<tr>
<td>Example</td>
<td>123456789</td>
</tr>
</tbody>
</table>

### 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, e.g. 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

Publisher identifier composite

A group of data elements which together define the identifier of a publisher name. Optional and repeatable, but mandatory if the <Publisher> composite does not carry a <PublisherName>.

Reference name  <PublisherIdentifier>

Publisher identifier type

An ONIX code which identifies the scheme from which the value in the <IDValue> element is taken. Mandatory in each occurrence of the <PublisherIdentifier> composite, and not repeatable.

Format  Fixed-length, two numeric digits

Code list
- 01  Proprietary
- 16  ISNI

Reference name  <PublisherIDType>

Example  16  ISNI

Identifier type name

A name which identifies a proprietary identifier scheme (ie a scheme which is not a standard and for which there is no individual ID type code). Must be included when, and only when, the code in the <PublisherIDType> element indicates a proprietary scheme. Optional and not repeatable.

Format  variable-length text, suggested maximum length 50 characters

Reference name  <IDTypeName>

Example  proprietary identifier scheme of the publishing company

Identifier value

A code value taken from the scheme specified in the <PublisherIDType> element. Mandatory in each occurrence of the composite, and not repeatable.

Format  determined by the scheme specified in <PublisherIDType>

Reference name  <IDValue>
End of publisher identifier composite

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 ONIX List 91 (ISO 3166-1 two-letter codes) : see separate documentation
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 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
## 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 YYYYYYYYYS Spread of seasons
11 YYYYYYYYY 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
Page run composite

A repeatable group of data elements which together define a run of contiguous pages in a serial-issue-as-manifestation. The composite can occur only in records describing a serial issue-as-manifestation, where it is optional, but may be repeated where the issue has two or more page runs, typically numbered in roman and arabic numerals.

Reference name <PageRun>

MSI.38 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

MSI.39 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

MSI.40 Number of pages

An indication of the total number of pages in a serial-issue-as-manifestation. This is not intended to represent a precise count of numbered and unnumbered pages. It is usually sufficient to take the number from the last numbered page within a paginated product. Optional and non-repeating.

Format Variable length integer, suggested maximum length 6 digits.

Reference name <NumberOfPages>

Example 26

Extent composite

In records describing a serial issue-as-manifestation, a repeatable group of data elements which together describe an extent pertaining to a journal article.

The composite can occur only in records describing a serial issue-as-manifestation, where it is optional, and is typically used to carry the extent of an electronic file in terms of the number of bytes or other similar measure.

Reference name <Extent>
MSI.41  Extent type code
An ONIX code which identifies the type of extent carried in the composite, e.g. the file size of the electronic manifestation of a serial issue. Mandatory in each occurrence of the `<Extent>` composite, and non-repeating.

- **Format**: Fixed-length, two numeric digits.
- **Code list**: ONIX List 23: see separate documentation
- **Reference name**: `<ExtentType>`
- **Example**: 22  Filesize

MSI.42  Extent value
The numeric value of the extent specified in `<ExtentType>`. Mandatory in each occurrence of the `<Extent>` composite, and non-repeating.

- **Format**: Numeric, with decimal point where required
- **Reference name**: `<ExtentValue>`
- **Example**: 2.5

MSI.43  Extent unit
An ONIX code indicating the unit used for the `<ExtentValue>` and the format in which the value is presented. Mandatory in each occurrence of the `<Extent>` composite, and non-repeating.

- **Format**: Fixed-length, two numeric digits
- **Code list**: ONIX List 24: see separate documentation
- **Reference name**: `<ExtentUnit>`
- **Example**: 19  Megabytes

End of extent 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.44 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

Reference name  

<MainSubjectSchemeIdentifier>

Example  

25

MSI.45 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.46 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.47 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.48 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: see separate documentation
Reference name  <SubjectSchemeIdentifier>
Example  03

MSI.49 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.50 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.51 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>
Example  623.95
**MSI.52 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>`
- **Example**: Labor and industrial relations

**End of additional subject composite**

**MSI.53 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  &lt;OtherText&gt;

---

**MSI.54 Other text type code**

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

<table>
<thead>
<tr>
<th>Format</th>
<th>Fixed-length, two characters (initially allocated as 01, 02 etc)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code list</td>
<td>ONIX List 33 :see separate documentation</td>
</tr>
<tr>
<td>Reference name</td>
<td>&lt;TextTypeCode&gt;</td>
</tr>
<tr>
<td>Example</td>
<td>33</td>
</tr>
</tbody>
</table>

---

**MSI.55 Other text**

The text specified in the &lt;TextTypeCode&gt; element. In this context, mandatory in any occurrence of the &lt;OtherText&gt; composite, and non-repeating.

The &lt;Text&gt; 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

<table>
<thead>
<tr>
<th>Format</th>
<th>Variable length text</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference name</td>
<td>&lt;Text&gt;</td>
</tr>
<tr>
<td>Example</td>
<td></td>
</tr>
</tbody>
</table>

---

**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.56 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.57 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.58 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.59 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)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>Includes</td>
</tr>
<tr>
<td>81</td>
<td>Is part of</td>
</tr>
<tr>
<td>82</td>
<td>Is a new version of X, with different content</td>
</tr>
<tr>
<td>83</td>
<td>Has a new version X, with different content</td>
</tr>
<tr>
<td>85</td>
<td>Is a different language version of X, with different content</td>
</tr>
<tr>
<td>86</td>
<td>Is a resource about X, with different content</td>
</tr>
<tr>
<td>87</td>
<td>Is continued by X, with different content</td>
</tr>
</tbody>
</table>

#### Code list (in records describing a serial issue-as-manifestation)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>Includes</td>
</tr>
<tr>
<td>81</td>
<td>Is part of</td>
</tr>
<tr>
<td>82</td>
<td>Is a new version of X</td>
</tr>
<tr>
<td>83</td>
<td>Is a manifestation of a new version of X, with different content</td>
</tr>
<tr>
<td>84</td>
<td>Is a manifestation of a work that has a new version X, with different content</td>
</tr>
<tr>
<td>85</td>
<td>Is a manifestation of a work that is a different language version of X</td>
</tr>
<tr>
<td>86</td>
<td>Is a manifestation of a work that is a resource about X</td>
</tr>
<tr>
<td>87</td>
<td>Is a manifestation of a work that is continued by X</td>
</tr>
<tr>
<td>88</td>
<td>Is a manifestation of a work that is a continuation of X</td>
</tr>
</tbody>
</table>

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.60 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

<table>
<thead>
<tr>
<th>Code list</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Proprietary, e.g., a publisher’s work identifier</td>
</tr>
<tr>
<td>06</td>
<td>DOI</td>
</tr>
<tr>
<td>11</td>
<td>ISTC</td>
</tr>
</tbody>
</table>

Reference name: `<WorkIDType>`

Example: 06 DOI

---

**MSI.61 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.62 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.

<table>
<thead>
<tr>
<th>Format</th>
<th>Code list (in records describing a serial issue-as-work)</th>
<th>Code list (in records describing a serial issue-as-manifestation)</th>
<th>Reference name</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed length, two numeric digits</td>
<td>80 Includes</td>
<td>80 Includes</td>
<td><code>&lt;RelationCode&gt;</code></td>
<td>82</td>
</tr>
<tr>
<td></td>
<td>81 Is part of</td>
<td>81 Is part of</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>82 Is a new version of</td>
<td>82 Is a new version of</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>83 Has a new version</td>
<td>83 Has a new version</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>85 Is a different language version of</td>
<td>85 Is a different language version of the work manifested in Y</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>86 Is a resource about</td>
<td>86 Is a resource about</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>87 Is continued by</td>
<td>87 Is continued by</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>88 Is a continuation of</td>
<td>88 Is a continuation of</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>89 Is manifested in</td>
<td>89 Is manifested in</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.63 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.

<table>
<thead>
<tr>
<th>Format</th>
<th>Fixed-length, 2 numeric digits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code list</td>
<td></td>
</tr>
<tr>
<td>01</td>
<td>Proprietary, a publisher’s or wholesaler’s product number</td>
</tr>
<tr>
<td>02</td>
<td>ISBN-10</td>
</tr>
<tr>
<td>03</td>
<td>EAN-13</td>
</tr>
<tr>
<td>06</td>
<td>DOI</td>
</tr>
<tr>
<td>10</td>
<td>SICI</td>
</tr>
<tr>
<td>15</td>
<td>ISBN-13 (unhyphenated)</td>
</tr>
</tbody>
</table>

Reference name <ProductIDType>

Example 02

MSI.64 Identifier value

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

<table>
<thead>
<tr>
<th>Format</th>
<th>According to the identifier type specified in &lt;ProductIDType&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference name</td>
<td></td>
</tr>
<tr>
<td>Example</td>
<td>12345678</td>
</tr>
</tbody>
</table>

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/2.0. 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/).

```xml
<ONIXDOIRegistration xmlns="http://www.editeur.org/onix/DOIMetadata/2.0">
  <Header>
    <FromCompany>Sender organization</FromCompany>
    <FromPerson>Sender Name</FromPerson>
    <FromEmail>name@domain.com</FromEmail>
    <ToCompany>mEDRA</ToCompany>
    <MessageNumber>123</MessageNumber>
    <SentDate>200305281324</SentDate>
    <MessageNote>additional information about the message</MessageNote>
  </Header>
  <DOISerialIssueWork>
    <NotificationType>06</NotificationType>
    <DOI>10.9999/DOI_suffix</DOI>
    <DOIWebsiteLink>http://www.website.com</DOIWebsiteLink>
    <RegistrantName>Name of person or corporate body responsible for DOI registration</RegistrantName>
  </DOISerialIssueWork>
  <SerialPublication>
    <SerialWork>
      <Title language="ita">
        <TitleType>01</TitleType>
        <TitleText>Title</TitleText>
      </Title>
      <Publisher>
        <PublishingRole>01</PublishingRole>
        <PublisherIdentifier>
          <PublisherIDType>16</PublisherIDType>
          <IDValue>0000000068287141</IDValue>
        </PublisherIdentifier>
        <PublisherName>Name of the publishing company</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>
    </SerialVersion>
  </SerialPublication>
</ONIXDOIRegistration>
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<ProductForm>JD</ProductForm>
</SerialVersion>
</SerialPublication>
</JournalIssue>
<JournalVolumeNumber>16</JournalVolumeNumber>
<JournalIssueNumber>2</JournalIssueNumber>
<JournalIssueDate>
<DateFormat>04</DateFormat>
<Date>20032</Date>
</JournalIssueDate>
</JournalIssue>
</DOISerialIssueWork>
</ONIXDOISerialIssueWorkRegistrationMessage>