

DOI METADATA FOR MONOGRAPHIC WORKS

ONIX subset specification by EDItEUR on behalf of mEDRA

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 monographic works (“abstractions”).

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.

Data elements for “deposit detail” are not included, as they depend on the result of further discussion within the mEDRA Project.

Page 16 shows a simple example of a mEDRA Monographic Work record.

<ONIXmEDRAMonographicWorkRegistrationMessage>

An ONIX mEDRA DOI registration metadata message for monographic works is an XML document beginning with an XML label <ONIXmEDRAMonographicWorkRegistrationMessage> and ending with an XML label </ONIXmEDRAMonographicWorkRegistrationMessage>. The content of the message comprises one mandatory instance of the <Header> composite defined below, and one or more instances of the <mEDRAMonographicWork> record. Separate messages will be used to carry registration metadata for other types of material, eg serial articles.

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

<mEDRAMonographicWork> record

A monographic work is described by a group of data elements beginning with an XML label <mEDRAMonographicWork> and ending with an XML label </mEDRAMonographicWork>.

Reference name <mEDRAMonographicWork>

MMW.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

MMW.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

MMW.3 DOI website link

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

Format Variable-length text, suggested maximum length 300 characters

Reference name <DOIWebsiteLink>

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

Website composite

A repeatable group of data elements which together identify and provide pointers to a website which is associated with the DOI to which the metadata package refers. One instance is mandatory, to give the URL of the primary page to which the DOI will resolve. Further instances could be used to give the URLs associated with particular service types.

Reference name <Website>

MMW.4 Website purpose

An ONIX code which identifies the role or purpose of the website which is linked through the <WebsiteLink> element. Optional 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 ??

MMW.5 Link to website

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

Format Variable-length text, suggested maximum length 300 characters

Reference name <WebsiteLink>

Example <http://xyzbooks.com/ISTC123456789.htm>

End of website composite

MMW.6 DOI application profile code

An IDF code identifying the DOI application profile under which the DOI in this metadata package is registered. Optional and non-repeating. This element is specified to be optional as it will NOT be required in metadata submitted by publishers for registration. Instead, it will be generated by mEDRA on receipt of the registration.

Format **To be confirmed by IDF: for the draft Schema, this element should be defined as type "string", without any controlled values**

Code list **The value for mEDRA DOI registrations for monographic works is to be confirmed by IDF**

Reference name <DOIApplicationProfile>

Example ???

MMW.7 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 be required in metadata submitted by publishers for registration. Instead, it will be generated by mEDRA since it is invariable for this record type.

Format	Variable-length character string values defined by IDF
Code list	The value for mEDRA DOI registrations for monographic works is <i>Abstraction</i>
Reference name	<DOIStructuralType>
Example	<i>Abstraction</i>

MMW.8 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 be required in metadata submitted by publishers for registration. Instead, it will be generated by mEDRA .

Format	Variable-length character string values defined by IDF
Code list	The value for mEDRA DOI registrations for monographic works is <i>Abstract</i>
Reference name	<DOIMode>
Example	<i>Abstract</i>

MMW.9 DOI registrant name

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

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

MMW.10 DOI registration authority

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

Format	Variable-length character string values defined by IDF
Code list	For the draft Schema, the value <i>mEDRA</i> will be used as a placeholder
Reference name	<RegistrationAuthority>
Example	<i>mEDRA</i>

Work identifier composite

A group of data elements which together define the identifier of a work in accordance with a specified scheme, and allowing new types of work identifier to be included without defining additional data elements. In mEDRA DOI registrations for monographic works, one occurrence might carry the ISTC assigned to the work, if known. Optional and repeatable if the work has more than one identifier of different types.

Reference name <WorkIdentifier>

MMW.11 Work identifier type code

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

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

MMW.12 Identifier value

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

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

End of work identifier composite

Series composite

A group of data elements which together describe a series of which the work is part. Only the <TitleOfSeries> element is included in the basic mEDRA metadata package, but the ONIX composite can carry much fuller series detail. Optional and repeatable if the product belongs to more than one series.

Reference name <Series>

MMW.13 Series title

The full title of the series, without abbreviation or abridgement. Non-repeating.

Format Variable-length text, suggested maximum length 300 characters
Reference name <TitleOfSeries>
Example *Blue Guides*

End of series composite

Title composite

A repeatable group of data elements which together give the text of a title, including a subtitle where applicable, and specify its type. The **<Title>** tag may carry any of the following ONIX attributes: *textformat*, *language*, *transliteration*, *textcase*, where these are shared by all text elements within the composite, and for mEDRA purposes MUST carry the *language* attribute to specify the language of the title, using ISO 639-2/B language codes.

Reference name <Title language="code">

MMW.14 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 now be defined by adding code values without requiring a new ONIX release.

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

MMW.15 Title text

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

Format	Variable-length text, suggested maximum 600 characters
Reference name	<TitleText>
Example	<i>Nicholas Nickleby</i>

MMW.16 Subtitle

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

Format	Variable-length text, suggested maximum 300 characters
Reference name	<Subtitle>
Example	<i>The Russian Revolution 1891-1924</i>

End of title composite

Contributor composite

A repeatable group of data elements which together describe a personal or corporate contributor to the work. Each instance of the **<Contributor>** composite must carry either a personal name (in one or both of the two forms supported in MMW.19 and MMW.20) or a corporate name.

Reference name <Contributor>

MMW.17 Contributor sequence number

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

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

Reference name <SequenceNumber>

Example 3

MMW.18 Contributor role

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

Format Fixed-length, one letter and two numeric digits

Code list ONIX Code List 17: see separate documentation

Reference name <ContributorRole>

Example A01

MMW.19 Person name

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

Format Variable-length text, suggested maximum length 100 characters

Reference name <PersonName>

Example *James J. Johnson III*

MMW.20 Person name, inverted

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

Format Variable-length text, suggested maximum length 100 characters

Reference name <PersonNameInverted>

Example *Johnson, James J., III*

MMW.21 Corporate contributor name

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

Format Variable-length text, suggested maximum length 200 characters

Reference name <CorporateName>

Example *Good Housekeeping Institute*

End of contributor composite

MMW.22 “No authorship” indicator

An empty element that provides a positive indication that a work has no stated authorship. Optional and non-repeating. Must only be sent in a record that has no occurrences of the **<Contributor>** composite. If at the time of sending the metadata the authorship is unknown, the record may be sent without a **<Contributor>** composite or a **<NoContributor/>** element.

Format XML empty element

Reference name <NoContributor/>

Example <NoContributor/>

MMW.23 Edition type code

An ONIX code indicating the type of a version or edition. Optional, and repeatable if the edition has characteristics of two or more types (eg revised and annotated). Note that a DOI may be registered either for the work as a whole, embracing all editions; or a new edition may be regarded as a distinct work requiring a new DOI, depending on how the DOI will be used.

Format Fixed-length, three upper-case letters

Code list ONIX Code List 21: see separate documentation

Reference name <EditionTypeCode>

Example *ILL*

MMW.24 Edition number

The number of a numbered edition. Optional and non-repeating. Normally sent only for the second and subsequent editions of a work, but by agreement between parties to an ONIX exchange a first edition may be explicitly numbered.

Format Variable-length integer, suggested maximum length 4 digits.

Reference name <EditionNumber>

Example 3

MMW.25 Edition statement

A short free-text description of a version or edition. Optional and non-repeating. When used, the **<EditionStatement>** must carry a complete description of the nature of the edition, ie it should not be treated as merely supplementary to an **<EditionTypeCode>** or an **<EditionNumber>**. The **<EditionStatement>** should be strictly limited to describing features of the content of the edition.

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

Reference name **<EditionStatement>**

Example *3rd edition, revised with an introduction and notes*

MMW.26 “No edition” indicator

An empty element that provides a positive indication that a work does not carry any edition information. Optional and non-repeating. Must only be sent in a record that has no instances of any of the three preceding Edition elements.

Format XML empty element

Reference name **<NoEdition>**

Example *<NoEdition/>*

Language composite

A repeatable group of data elements which together represent a language, and specify its role and, where required, whether it is a country variant.

Reference name **<Language>**

MMW.27 Language role

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

Format Fixed-length, two numeric digits

Code list
01 Language of text
02 Original language of a translated text

Reference name **<LanguageRole>**

Example *01*

MMW.28 Language code

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

Format Fixed-length, three lower-case letters. Note that ISO 639 specifies that these codes should always be in lower-case.

Code list ISO 639-2/B three-letter codes

Reference name **<LanguageCode>**

Example *eng*

End of language composite

Copyright statement composite

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

Reference name <CopyrightStatement>

MMW.29 Copyright year

The when the work was first copyrighted. 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>

MMW.30 Person name

The name of a person, used here for a personal copyright holder. Repeatable. There must be at least one occurrence of either <PersonName> or <CorporateName> in each occurrence of the <CopyrightStatement>. There may be multiple occurrences of either or both of these elements.

Format Variable-length text, suggested maximum length 100 characters

Reference name <PersonName>

Example *James J. Johnson III*

MMW.31 Corporate name

The name of a corporate body, used here for a corporate copyright holder. Repeatable.

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

Deposit detail – to be defined

Related work composite

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

Reference name <RelatedWork>

MMW.32 Relation code

An ONIX code which identifies the nature of the relationship between two entities, in this case between the work described in the ONIX metadata and a related work "X". Mandatory in each occurrence of the **<RelatedWork>** composite, and non-repeating.

Format	Fixed length, two numeric digits		
Code list	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	

Reference name <RelationCode>

Example 81 Is part of

Work identifier composite

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

Reference name <WorkIdentifier>

MMW.33 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

MMW.34 Identifier value

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

Format According to the identifier type specified in **<WorkIDType>**

Reference name <IDValue>

Example 12345678

End of work identifier composite

End of related work composite

Related product composite

A repeatable group of data elements which together identify a product which has a specified relationship to the work which is described in the mEDRA ONIX metadata package. Optional, and repeatable if the work is linked to two or more related products. The minimum required content of an occurrence of the **<RelatedProduct>** composite is a **<RelationCode>** and a product identifier.

Reference name <RelatedProduct>

MMW.35 Relation code

An ONIX code which identifies the nature of the relationship between two entities, in this case between the work described in the ONIX metadata and a related product "Y". Mandatory in each occurrence of the **<RelatedProduct>** composite, and non-repeating.

Format Fixed length, two numeric digits

Code list	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	

Reference name <RelationCode>

Example 89 Is manifested in

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.

Reference name <ProductIdentifier>

MMW.36 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 03 EAN-13 06 DOI
Reference name	<ProductIDType>
Example	02

MMW.37 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 <mEDRAMonographicWork> record

Example of a <mEDRAMonographicWork> record

This example includes the DOI-related elements that mEDRA itself would generate.

```
<?xml version="1.0" encoding="UTF-8" ?>
<ONIXmEDRAMonographicProductRegistrationMessage>
  <Header>
    <FromCompany>Adelphi</FromCompany>
    <FromPerson>????????????</FromPerson>
    <FromEmail>?????@?????</FromEmail>
    <ToCompany>mEDRA</ToCompany>
    <MessageNumber>123</MessageNumber>
    <MessageRepeat>1</MessageRepeat>
    <SentDate>200305281324</SentDate>
    <MessageNote>????????????????</MessageNote>
  </Header>
  <mEDRAMonographicWork>
    <DOI>????????????</DOI>
    <DOIWebsiteLink>http://????????????</DOIWebsiteLink>
    <DOIApplicationProfile>????</DOIApplicationProfile>
    <DOIStructuralType>Abstraction</DOIStructuralType>
    <RegistrationAuthority>mEDRA</RegistrationAuthority>
    <DOIMode>Abstract</DOIMode>
    <RegistrantName>Adelphi Edizioni SPA Milano</RegistrantName >
    <Title language="ita">
      <TitleType>01</TitleType>
      <TitleText>Il mare colore del vino</TitleText>
    </Title>
    <Contributor>
      <ContributorRole>A01</ContributorRole>
      <PersonNameInverted>Sciascia, Leonardo</PersonNameInverted>
    </Contributor>
    <Language>
      <LanguageRole>01</LanguageRole>
      <LanguageCode>ita</LanguageCode>
    </Language>
    <CopyrightStatement>
      <CopyrightYear>1996</CopyrightYear>
      <CopyrightOwner>
        <PersonName>Leonardo Sciascia</PersonName>
      </CopyrightOwner>
    </CopyrightStatement>
    <RelatedProduct>
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        <ProductIDType>02</ProductIDType>
        <IDValue>8845911918</IDValue>
      </ProductIdentifier>
      <CountryOfPublication>IT</CountryOfPublication>
      <PublicationDate>200003</PublicationDate>
    </RelatedProduct>
  </mEDRAMonographicWork>
</ONIXmEDRAMonographicWorkRegistrationMessage>
```