



Submission Guide for Metadata Providers

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<http://www.bowker.com/tools-resources/title-submissions.html>

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Preface: Communication

We are eager to facilitate a smooth and efficient submission process for you. Our products include Bowker *Books In Print*® and ProQuest® *Syndetics Unbound*™

All production inquiries about file submissions (delivery and ingestion of metadata and cover images) can be directed to our **Content Ingestion** team by emailing data.submission@bowker.com.

Contact us with questions! If you have questions about any of these guidelines, or about something that is not covered in this document, please reach out.

1. Introduction

Providing details to Bowker about your title allows us to:

- Provide metadata on newly published titles to over 10K retailers, libraries, and schools
- Increase the discovery of your content for our vast user base of dedicated readers and buyers
- Display enhanced content such as cover images and marketing descriptions to over 100M readers
- Communicate your price and status updates in a timely fashion

Bowker does not charge publishers for metadata submissions. This document contains general requirements for submissions, specific Bowker requirements, our submission process, and valuable ONIX related resources.

In order to send us a data feed, we require that publishers have an annual new title count of 100 records. If you have fewer than this amount of titles annually, please use our www.MyIdentifiers.com site to enter your metadata or, if you are not located within the USA, please use www.BowkerLink.com. Also see our Bowker [Statement of Use](http://media.bowker.com/documents/datafeed_statementofuse.pdf) (http://media.bowker.com/documents/datafeed_statementofuse.pdf) for a full discussion about how the data you submit is used.

Appendix 1 of this document includes ONIX 3.0 tags that are needed to create a valid ONIX file. In the future, our goal is to load all the tags noted, even if they are optional. We will be working on this development as we progress through the year. Our website offers links to our metadata best practices and ONIX materials. Visit us at <http://www.bowker.com/tools-resources/title-submissions.html>.

Whether you are sending data to Bowker for the first time, or migrating your data from a previous format, the process prompts many questions about both data structure and quality. These resources will aid you in navigating your path toward cleaner, and more consistent, data

2. Metadata Requirements for Data Submissions

2.1 General Requirements

In order to service the thousands of data clients' needs, we request that you supply the broadest range of metadata that you have available for your titles. Bowker stores data for the US, Canada, UK, Australia, and New Zealand markets. You may provide price information for all applicable markets in your ONIX file.

- Bibliographic data on forthcoming titles should be sent 180 days prior to publication, or as soon as it becomes available.
- Please resend the ISBN record to Bowker as you add details or make changes to any ISBN in your database; this would include any changes in price, status, discount type, or bibliographic data.
- Any descriptive/enhanced book data such as author bios, excerpts, sample chapters, table of contents, or cover images should also be supplied as soon as they are available.
- In addition to forthcoming titles, please send all Active, Out of Print and other status types to Bowker. If you supply Forthcoming as a status, please update the metadata and resend an Active after publication.

The following table provides a quick overview of the type of information your customers need in order to make a purchasing decision:

	Product Description	Physical Attributes	Price and Availability
Required Metadata	ISBN13 Title Subtitle (if applicable) Contributor Contributor's function	Product Form Product Form Detail	Publisher Imprint (if applicable) Publishing Status Publication Date (yyyy) Supplier Name Price (include price type and currency)
Highly Recommended Metadata	BISAC Subject Codes BIC Subject Codes Thema Subject Codes Audience Cover Image Table of Contents Main Description (25-250 words)	Epublication Format Related Products (replaced by or replaces ISBN)	Discount Code

	Product Description	Physical Attributes	Price and Availability
Optional Metadata	Keywords Age Range Grade Range Copyright Year Edition Type (if applicable) Edition Number Year of Annual Language Illustration Type Number of Illustrations Original Title Series Title Number within Series Supplier Role First Chapter/Excerpts Author Bios Website Links to Value-Added Content Proprietary Discipline and Course Information	File size Number of words Number of Pages Number of Pieces (multimedia, pack) Pack Quantity URL for content Contained Item	Expected Availability Date On Sale Date Returnability Details

2.2 ONIX

ONIX is the XML-based industry standard for transmitting metadata about books. As such, Bowker prefers this standard to any other because it allows publishers to supply the key data elements that our customers need to discover your titles. ONIX is a standard that was created by teams of people within the book industry, including publishers, retailers and data aggregators. It is managed by the international standard organization: [EDiTEUR](http://www.editeur.org/83/Overview) (<http://www.editeur.org/83/Overview>).

ONIX 3.0

We prefer to receive the ONIX 3.0 format from publishers or distributors that are creating ONIX for the first time. If you are an existing provider to Bowker, we prefer to keep receiving your existing ONIX version until you make unique data fields available in ONIX 3.0.

In addition, Bowker will continue to accept ONIX version 2.1 files from vendors or publishers for loading into Bowker *Books In Print* until further notice. Appendix 1 contains detailed field level listings indicating elements needed for a valid ONIX file. Here are [ONIX 3.0 specifications](http://www.editeur.org/12/About-Release-3.0) (<http://www.editeur.org/12/About-Release-3.0>).

Other ONIX Requirements

- Please use ONIX short tags (as opposed to reference tags) for all file submissions.
- Bowker cannot accept single ONIX records (i.e., each file should contain multiple ISBNs rather than one ISBN per file).

2.3 Additional Specific Metadata Requirements

This submission guide refers to all ONIX 3.0 fields that are currently accepted by Bowker.

- Bowker can accommodate a single price supplier per currency.
- Bowker can accept both ISO 8859-1 and UTF-8.
- Bowker will not be able to load titles without an ISBN13, EAN or UPC product identifier for each title.
- Bowker will not accept updates of titles where the publication date is greater than five years in the Past/Future.
- Bowker prefers to receive delta files as opposed to full files.

2.4 Metadata Changes: When to Notify Bowker

If you experience any of the following changes in your ONIX files, please send prior notification to Bowker. This will ensure your data continues to load smoothly to our system.

- Naming convention of your file submissions.
- Adding significant new data to your feed (e.g. enhanced ebooks, agency pricing, or new data elements).
- Changing the system or company producing your ONIX feeds.
- Adding additional ONIX files for new product formats (such as ebooks).
- Acquiring new companies or adding your distribution clients' data into your data feed.
- Combining ONIX files across geographic markets.

3. Cover Image Requirements

Cover images sell books. Supplying your cover images means your images, as well as title data, will be added to the *Books In Print* and *Syndetics Unbound* products, which help Bowker customers discover your titles in both the library and retail markets. By using Bowker products, all your images will be visible in the online catalogs of public, academic, and school libraries. Further, both retail buyers and booksellers will be able to view your book covers during the buying process. All of this is provided at no cost to you. Should you have any questions about the cover image process, please email Bip.BowkerLink@bowker.com for assistance.

3.1 General Requirements

Please follow the guidelines below carefully to ensure your book covers are the best possible quality when seen online.

- Please submit only front cover images.
- Images must be a flat cover scan, cropped tightly to the sides of the product. DO NOT send one image containing both the front and back cover of the product, or an image with a drop shadow. Full product photography will only be accepted in certain cases—for example multivolume sets.
- Cover images should be submitted as soon as the image becomes available.
- No matter how you transmit your cover images - by email, web portal, or FTP - they will need to be formatted correctly for your image to be seen by Bowker's customers.

3.2 Bowker Specific Image File Requirements

While we recognize supplying images is an extra step in your process, Bowker offers several convenient options for submitting images. Your images will be sent to our customers, per the specifications they have requested. We suggest that you provide high-quality images so they can be resized to fit customers' specifications.

Cover images submitted to Bowker must have pixel dimensions of least 500 pixels on the longest side but no longer than 1000 pixels on the longest side. If these pixel dimension requirements are met, then document size (inches, mm, points, etc.), bit count (8-bit, 16-bit, etc.), and resolution (pixels/dots per inch), are not important. However, the maximum file data size (kb or MB size) is 5MB per image file.

We prefer PNG and JPG file formats. However, we also accept TIF, BMP, and GIF formats.

- Each scan needs to be a separate file, named by its 13-digit ISBN with the file suffix (e.g., 9781234568910.jpg).
- Do not use hyphens, spaces, or wording in the file name; also, use a capital letter if the ISBN contains an X.
- Only images containing VALID ISBNs will be processed.

3.2.1 Bowker Web Portal (for sending 1-10 images at once)

Images can be uploaded through your existing MyIdentifiers.com account. If you do not have an account, you can establish a free account through the following site: www.MyIdentifiers.com

Once you upload all your title details, including your cover image, you will see a yellow icon on your Manage ISBNs dashboard. Overnight, your data and cover image will be processed and sent to our products. Then you will see a green icon on your dashboard to inform you that your cover image has been processed.

3.2.2 Email (for sending 10-100 images at once)

Please e-mail BowkerLink.covers@bowker.com with your cover images. You will not receive a confirmation, but you can check your MyIdentifiers account to view your cover images. Images are processed once a week. If they are new images, they will appear immediately after the process date. If they are changed images, they appear within 48 hours from the process date.

3.2.3 FTP (for sending 100+ images on a regular basis)

If you wish to supply a large number of images on a routine basis, such as monthly or weekly, please use your existing Bowker FTP account. When uploading images to your FTP account, please do not “ZIP” the files. If your company does not have an FTP account and publishes more than 100 titles a year, please contact us to set up an account (data.submission@bowker.com).

3.3 Bowker Cannot Accept

- PDF files.
- Files that are improperly named.
- A single image for multiple ISBNs. A separate image file MUST be provided for every ISBN. If the same cover is being used for both paperback and hardcover versions, please duplicate the image and name each with its appropriate ISBN.

If you switch ONIX providers, please notify us in advance. We may need to repeat the test file process with the new provider.

We also conduct regular audits on our metadata so we can act on any gap filling and identify any contradictory information. You will then receive emails from us concerning any missing or conflicting metadata information.

4. Onboarding

4.1 Test Files

Prior to loading your data into our production database, it will need to be reviewed and tested. Please follow these guidelines:

- Validate your ONIX 3.0 file against the Schema XSD or your 2.1 file against the Schema.
- Send Bowker a sample file for testing that contains at least 25-50 titles. Please also include different format types in your examples (i.e., print items, ebooks, and audio items if applicable). This allows us to provide you with enough feedback on various types of submissions. Also let us know if you intend to send multimedia or ebooks in separate feeds.
- For publishers who are upgrading their data feed to Bowker, please continue to submit your data via your current method until completion of the testing process.
- Email your test file to Ralph.Coviello@bowker.com.

4.2 Process

Our testing process entails these steps:

1. The sample file will be checked to see that it is well formed and valid.
2. It will also be examined for quality of the metadata in each data field. We may provide you with feedback that requests specific changes/improvements before the testing proceeds.
3. Once the quality of the metadata meets our standards, the file will be run in our test environment to ensure that the data will load properly to our system.

4.3 Communication

Here is what you can expect during the test file process:

- Upon submission, you will receive a confirmation that your file has been received.
- If needed, we will request further changes/improvements from you. Specifics will be provided in our feedback.
- Next, we will supply you with FTP account details. Details of file naming conventions and FTP account details will be discussed after the file testing process has been completed.

4.4 Metadata File Delivery

You can specify to us the timing for your delivery of files. Providers can choose from weekly, monthly or quarterly file submissions depending on the size of the title list.

Our preferred file naming convention is PublisherName_Date_FileFormat.FileExtension. We will accept alternative naming conventions if it is easier for you. However, date should be a part of the naming convention. Once a format and a method of transmission are established, please send all subsequent files in the same way. We may request you to send in a full file of your titles either on a semi-annual or annual basis as is warranted.

Appendix 1

ONIX 3.0 Fields and Comparison to 2.1

This appendix includes ONIX 3.0 tags that are needed to create a valid ONIX file. In the future, our goal is to load all the tags noted, even if they are optional. We will be working on this development as we progress through the year.

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Message header				
Header composite	<Header>	<header>	<Header>	
Sender EAN number	<FromEANNumber>	<m172>	<FromEANNumber>	<m172>
Sender SAN	<FromSAN>	<m173>	<FromSAN>	<m173>
Sender composite	<Sender>	<sender>		
Sender identifier composite	<SenderIdentifier>	<senderidentifier>	<SenderIdentifier>	
Sender identifier type code List 44	<SenderIDType>	<m379>	<SenderIDType>	<m379>
Identifier type name	<IDTypeName>	<b233>	<IDTypeName>	<b233>
Identifier value	<IDValue>	<b244>	<IDValue>	<b244>
End of sender composite (2.1)				
Sender name	<SenderName>	<x298>	<FromCompany>	<m174>
Sender contact	<ContactName>	<x299>	<FromPerson>	<m175>
Sender email	<EmailAddress>	<j272>	<FromEmail>	<m283>
Addressee EAN number			<ToEANNumber>	<m176>
Addressee SAN			<ToSAN>	<m177>
Addressee composite	<Addressee>	<addressee>		
Addressee identifier composite	<AddresseeIdentifier>	<addresseeidentifier>	<AddresseeIdentifier>	
Addressee identifier type code List 44	<AddresseeIDType>	<m380>	<AddresseeIDType>	<m380>
Identifier type name	<IDTypeName>	<b233>	<IDTypeName>	<b233>
Identifier value	<IDValue>	<b244>	<IDValue>	<b244>
End of addressee identifier composite (2.1)				
Addressee name	<AddresseeName>	<x300>	<ToCompany>	<m178>
Addressee contact	<ContactName>	<x299>	<ToPerson>	<m179>
Addressee email	<EmailAddress>	<j272>		
Message sequence number	<MessageNumber>	<m180>	<MessageNumber>	<m180>
Message repeat number	<MessageRepeat>	<m181>	<MessageRepeat>	<m181>
Message creation date/time	<SentDateTime>	<x307>	<SentDateTime>	<m182>
Message note	<MessageNote>	<m183>	<MessageNote>	<m183>
Default language of text List 74	<DefaultLanguageOfText>	<m184>	<DefaultLanguageOfText>	<m184>

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Default price type List 58	<DefaultPriceType>	<x310>	<DefaultPriceTypeCode>	<m185>
Default currency List 96	<DefaultCurrencyCode>	<m186>	<DefaultCurrencyCode>	<m186>
Default linear unit List 94			<DefaultLinearUnit>	<m187>
Default unit of weight List 95			<DefaultWeightUnit>	<m188>
Default class of trade			<DefaultClassofTrade>	<m193>
End of header composite (2.1)				

Record and Product Identity

ONIX 3.0 Section and Tag	REFERENCE NAME 3.0	Onix 3.0 Tag	REFERENCE NAME 2.1	ONIX 2.1 tag
P.1 Record reference number and type				
Record reference number	<RecordReference>	<a001>	<RecordReference>	<a001>
Notification or update type code, List 1	<NotificationType>	<a002>	<NotificationType>	<a002>
Reason for deletion code List 2 (2.1 only)			<DeletionCode>	<a198>
Reason for deletion text	<DeletionText>	<a199>	<DeletionText>	<a199>
Record source type code, List 3	<RecordSourceType>	<a194>	<RecordSourceType>	<a194>
Record source identifier composite (composite in 3.0 not 2.1)	<RecordSourceIdentifier>			
Record source identifier type, List 44	<RecordSourceIDType>	<x311>	<RecordSourceIdentifierType>	<a195>
Identifier type name	<IDTypeName>	<b233>	<RecordSourceIdentifier>	<a196>
Identifier value	<IDValue>	<b244>		
Record source name	<RecordSourceName>	<a197>	<RecordSourceName>	<a197>
P.2 Product numbers				
Product identifier composite	<ProductIdentifier>		<ProductIdentifier>	
Product identifier type code, List 5	<ProductIDType>	<b221>	<ProductIDType> <ISBN> <EAN> <UPC> <PublisherProductNo> <ISMN> <DOI>	<b004> <b005> <b006> <b007> <b008> <b009>
Identifier type name	<IDTypeName>	<b233>	<IDTypeName>	
Identifier value	<IDValue>	<b244>	<IDValue>	

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
End of product identifier composite				
Barcode composite	<Barcode>			
Barcode indicator, List 6 (2.0 only)			<Barcode>	<b246>
Barcode indicator, List 141	<BarcodeType>	<x312>	3.0 Only	
Position of barcode on product, List 142	<PositionOnProduct>	<x313>		
Replaces ISBN			<ReplacesISBN> Dep	<b010>
Replaces EAN-13 number			<ReplacesEAN13> Dep	<b011>

Block 1: Product Description

ONIX 3.0 Section and Tag	REFERENCE NAME 3.0	Onix 3.0 Tag	REFERENCE NAME 2.1	ONIX 2.1 tag
P.3 Product form				
Product composition, List 2	<ProductComposition>	<x314>		
Product form code, List 7 for 2.1	<ProductForm>	<b012>	<ProductForm>	<b012>
List 150 for 3.0				
Product form detail, List 78 for 2.1	<ProductFormDetail>	<b333>	<ProductFormDetail>	<b333>
List 175 for 3.0				
Product form feature composite	<ProductFormFeature>		<ProductFormFeature>	
Product form feature type, List 79	<ProductFormFeatureType>	<b334>	<ProductFormFeatureType>	<b334>
Product form feature value: see List 98, List 99, List 76, List 143	<ProductFormFeatureValue>	<b335>	<ProductFormFeatureValue>	<b335>
Product form feature description	<ProductFormFeatureDescription>	<b336>	<ProductFormFeatureDescription>	<b336>
End of product form feature composite (2.1)				
Book form detail, List 8			<Book form detail>	<b013>
Product packaging type code, List 80	<ProductPackaging>	<b225>	<ProductPackaging>	<b225>
Product form description	<ProductFormDescription>	<b014>	<ProductFormDescription>	<b014>
Number of pieces (2.1 only)	<NumberOfPieces>		<NumberOfPieces>	<b210>
Trade category code, List 12	<TradeCategory>	<b384>	<TradeCategory>	<b384>
Primary Content Type Code List 81	<PrimaryContenttype>	<x416>		

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Product content type code, List 81	<ProductContentType>	<b385>	<ProductContentType>	<b385>
Contained Item Composite(2.1 only)			<ContainedItem>	
Contained Item ISBN-10			<ISBN>	<b004>
Contained Item EAN.UCC-13 number			<EAN13>	<b005>
Product identifier composite			<ProductIdentifier>	
Product identifier type code, List 5	<ProductIDType>	<b221>	<ProductIDType>	
Identifier type name	<IDTypeName>	<b233>	<IDTypeName>	
Identifier value	<IDValue>	<b244>	<IDValue>	
End of product identifier composite				
Contained item product form code, List 7			<ProductForm>	rsdxndx
Contained item product form detail, List 8			<ProductFormDetail>	<b333>
Contained item product form feature composite			<ProductFormFeature>	
Product form feature type, List 79	<ProductFormFeatureType>	<b334>	<ProductFormFeatureType>	<b334>
Product form feature value: see List 98, List 99, List 76, List 143	<ProductFormFeatureValue>	<b335>	<ProductFormFeatureValue>	<b335>
Product form feature description	<ProductFormFeatureDescription>	<b336>	<ProductFormFeatureDescription>	<b336>
End of contained item product form feature composite				
Contained item book form detail, List 8			<BookFormDetail>	<b013>
Contained item packaging type code, List 80			<ProductPackaging>	<b225>
Contained item product form description			<ProductFormDescription>	<b014>
Contained item number of pieces		<x322>	<NumberOfPieces>	<b210>
Contained item trade category code, List 12			<TradeCategory>	<b384>
Contained item content type code, List 81			<ProductContentType>	<b385>

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Contained item quantity		<x323>	<ItemQuantity>	<b015>
End of contained item composite (2.1 only)				
Measure composite	<Measure>		<Measure>	
Measure type code, List 48	<MeasureType>	<x315>	<MeasureTypeCode>	<c093>
Measurement	<Measurement>	<c094>	<Measurement>	<c094>
Measure unit code, List 50	<MeasureUnitCode>	<c095>	<MeasureUnitCode>	<c095>
End of measure composite				
Country of manufacture, List 91	<CountryOfManufacture>	<x316>		
Epublication detail (2.1 only)				
Epublication type code, List 10		moved to product form detail in 3.0 <b333>	<EpubType>	<b211>
Epublication type version number			<EpubTypeVersion>	<b212>
Epublication type description			<EpubTypeDescription>	<b213>
Epublication format code, List 11			<EpubFormat>	<b214>
Epublication format version number			<EpubFormatVersion>	<b215>
Epublication format description			<EpubFormatDescription>	<b216>
Epublication source format code, List 11			<EpubSource>	<b278>
Epublication source format version no			<EpubSourceVersion>	<b279>
Epublication source format description			<EpubSourceDescription>	<b280>
Epublication type note			<EpubTypeNote>	<b277>
Epub DRM protection, List 144 (E-publication technical protection)	<DRMProtection>	<x317>		
Epub usage constraint composite	<EpubUsageConstraint>			
Epub usage type code, List 145	<EpubUsageType>	<x318>		
Epub usage status code, List 146	<EpubUsageStatus>	<x319>		

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Epub usage limit composite	<EpubUsageLimit>			
Maximum permitted quantity	<UsageQuantity>	<x320>		
Epub usage unit code, List 147	<EpubUsageUnit>	<x321>		
Map scale	<MapScale>	<b063>		
Product classification composite	<ProductClassification>		<ProductClassification>	
Product classification type code List 9	<ProductClassificationType>	<b274>	<ProductClassificationType>	<b274>
Product classification code,	<ProductClassificationCode>	<b275>	<ProductClassificationCode>	<b275>
Percentage	<Percent>	<b337>	<Percent>	<b337>
P.4 Product part				
Product part composite	<ProductPart>			
Primary Part Flag	<PrimaryPart/>	<x457/>		
Product identifier composite	<ProductIdentifier>			
Product identifier type code, List 5	<ProductIDType>	<b221>		
Identifier type name	<IDTypeName>	<b233>		
Identifier value	<IDValue>	<b244>		
Product form code, List 150	<ProductForm>	<b012>		
Product form detail, List 175	<ProductFormDetail>	<b333>		<b333>
Product form feature composite	<ProductFormFeature>			
Product form feature type, List 79	<ProductFormFeatureType>	<b334>	<ProductFormFeatureType>	<b334>
Product form feature value: see List 98 , List 99 , List 76 , List 143	<ProductFormFeatureValue>	<b335>	<ProductFormFeatureValue>	<b335>
Product form feature description	<ProductFormFeatureDescription>	<b336>	<ProductFormFeatureDescription>	<b336>
Product form description	<ProductFormDescription>	<b014>	<ProductFormDescription>	<b014>
Content type code, List 81	<ProductContentType>	<b385>	<ProductContentType>	<b385>
Number of pieces of specified form	<NumberOfItemsOfThisForm>	<x322>	<NumberOfItemsOfThisForm>	<b210>
Number of copies of specified item	<NumberOfCopies>	<x323>	<NumberOfCopies>	<b015>
Country of manufacture, List 91	<CountryOfManufacture>	<x316>		
P.5 Collection				
Collection composite	<Collection>			

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Collection type code, List 148	<CollectionType>	<x329>		
Source of ascribed collection	<SourceName>	<x330>		
Collection identifier composite	<CollectionIdentifier>			
Collection identifier type code, List 13	<CollectionIDType>	<x344>		<b273>
Identifier type name	<IDTypeName>	<b233>		<b233>
Identifier value	<IDValue>	<b244>		<b244>
Title detail composite	<TitleDetail>			
Title type, List 15	<TitleType>	<b202>		<b202>
Title element composite	<TitleElement>			
Title element level, List 149	<TitleElementLevel>	<x409>		<b018> Ser.
Part number	<PartNumber>	<x410>		<b019> Ser. vol. #
Year of annual	<YearOfAnnual>	<b020>		<b020>
Title text	<TitleText>	<b203>		
Title prefix	<TitlePrefix>	<b030>		
Title text without prefix	<TitleWithoutPrefix>	<b031>		
Subtitle	<Subtitle>	<b029>		
Contributor composite	<Contributor>			
"No series" indicator (empty element)	<NoCollection/>	<x411/>		<n338/>
P.6 Title				
Title detail composite	<TitleDetail>			
Title type, List 15	<TitleType>	<b202>		<b202>
Abbreviated title length (2.1 only)				<b276>
Text case flag (2.1 only) deprecated in 2.1				<b027>
Title element composite	<TitleElement>			
Title element level, List 149	<TitleElementLevel>	<x409>		
Part number (Volume number)	<PartNumber>	<x410>		<b019>
Year of annual	<YearOfAnnual>	<b020>		
Title text	<TitleText>	<b203>		<b203>
Title prefix	<TitlePrefix>	<b030>		<b030>
Title text without prefix	<TitleWithoutPrefix>	<b031>		<b031>
Subtitle	<Subtitle>	<b029>		<b029>
Thesis type code, List 72	<ThesisType>	<b368>		

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Thesis presented to	<ThesisPresentedTo>	<b369>		
Year of thesis	<ThesisYear>	<b370>		
DATA ELEMENT	REFERENCE NAME	TAG		
P.7 Authorship				
Contributor composite	<Contributor>			
Contributor sequence number	<SequenceNumber>	<b034>	<SequenceNumber>	<b034>
Contributor role code, List 17	<ContributorRole>	<b035>	<ContributorRole>	<b035>
Language from which translated, List 74	<FromLanguage>	<x412>	<LanguageCode>	<b252>
Language into which translated, List 74	<ToLanguage>	<x413>		
Contributor sequence number within role			<SequenceNumberWithinRole>	<b340>
Primary name type, List 18	<NameType>	<x414>		
Name identifier composite	<NameIdentifier>			
Name ID type code, List 44	<NameIDType>	<x415>		
Identifier type name	<IDTypeName>	<b233>		
Identifier value	<IDValue>	<b244>		
Person name	<PersonName>	<b036>	<PersonName>	<b036>
Person name, inverted	<PersonNameInverted>	<b037>	<PersonNameInverted>	<b037>
Person name part 1	<TitlesBeforeNames>	<b038>	<TitlesBeforeNames>	<b038>
Person name part 2	<NamesBeforeKey>	<b039>	<NamesBeforeKey>	<b039>
Person name part 3	<PrefixToKey>	<b247>	<PrefixToKey>	<b247>
Person name part 4	<KeyNames>	<b040>	<KeyNames>	<b040>
Person name part 5	<NamesAfterKey>	<b041>	<NamesAfterKey>	<b041>
Person name part 6	<SuffixToKey>	<b248>	<SuffixToKey>	<b248>
Person name part 7	<LettersAfterNames>	<b042>	<LettersAfterNames>	<b042>
Person name part 8	<TitlesAfterNames>	<b043>	<TitlesAfterNames>	<b043>
Corporate name	<CorporateName>	<b047>		
Corporate name, inverted	<CorporateNameInverted>	<x443>		
Alternative name composite	<AlternativeName>			
Alternative name type, List 18	<NameType>	<x414>		
Name identifier composite	<NameIdentifier>			

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Name ID type code, List 44 , List 101 for 2.1	<NameIDType>	<x415>	<PersonNameIDType>	<b390>
Identifier type name	<IDTypeName>	<b233>	<IDTypeName>	<b233>
Identifier value	<IDValue>	<b244>	<IDValue>	<b244>
Person name	<PersonName>	<b036>	<PersonName>	<b036>
Person name, inverted	<PersonNameInverted>	<b037>	<PersonNameInverted>	<b037>
Person name part 1	<TitlesBeforeNames>	<b038>	<TitlesBeforeNames>	<b038>
Person name part 2	<NamesBeforeKey>	<b039>	<NamesBeforeKey>	<b039>
Person name part 3	<PrefixToKey>	<b247>	<PrefixToKey>	<b247>
Person name part 4	<KeyNames>	<b040>	<KeyNames>	<b040>
Person name part 5	<NamesAfterKey>	<b041>	<NamesAfterKey>	<b041>
Person name part 6	<SuffixToKey>	<b248>	<SuffixToKey>	<b248>
Person name part 7	<LettersAfterNames>	<b042>	<LettersAfterNames>	<b042>
Person name part 8	<TitlesAfterNames>	<b043>	<TitlesAfterNames>	<b043>
Corporate name	<CorporateName>	<b047>		<b047>
Corporate name, inverted	<CorporateNameInverted>	<x443>		
Contributor date composite	<ContributorDate>		<PersonDate>	
Contributor date role code, List 177 , List 75 for 2.0	<ContributorDateRole>	<x417>	<PersonDateRole>	<b305>
Date format, List 55	<DateFormat>	<j260>	<DateFormat>	<j260>
Date	<Date>	<b306>	<Date>	<b306>
Professional affiliation composite	<ProfessionalAffiliation>			
Professional position	<ProfessionalPosition>	<b045>	<ProfessionalPosition>	<b045>
Affiliation	<Affiliation>	<b046>	<Affiliation>	<b046>
Biographical note	<BiographicalNote>	<b044>	<BiographicalNote>	<b044>
Website composite	<Website>			
Website role, List 73	<WebsiteRole>	<b367>	<WebsiteRole>	<b367>
Website description	<WebsiteDescription>	<b294>	<WebsiteDescription>	<b294>
Website link - URI format	<WebsiteLink>	<b295>	<WebsiteLink>	<b295>
Contributor description	<ContributorDescription>	<b048>	<ContributorDescription>	<b048>
Unnamed persons, List 19	<UnnamedPersons>	<b249>	<UnnamedPersons>	<b249>
Contributor place composite	<ContributorPlace>			

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Contributor place relation code, List 151	<ContributorPlaceRelator>	<x418>		
Country code, List 91	<CountryCode>	<b251>	<CountryCode>	<b251>
Region code, List 49 - contrib composite only	<RegionCode>	<b398>	<RegionCode>	<b398>
Contributor statement	<ContributorStatement>	<b049>	<ContributorStatement>	<b049>
"No authorship" indicator (empty element)	<NoContributor/>	<n339/>	<NoContributor/>	<n339/>
P.8 Conference (PR.9.1 through PR.9.6 are deprecated in 2.1)				
Conference composite	<Conference>			
Conference role, List 20	<ConferenceRole>	<b051>	<ConferenceRole>	<b051>
Conference name	<ConferenceName>	<b052>	<ConferenceRole>	<b052>
Conference acronym	<ConferenceAcronym>	<b341>	<ConferenceName>	<b341>
Conference number	<ConferenceNumber>	<b053>	<ConferenceAcronym>	<b053>
Conference thematic title	<ConferenceTheme>	<b342>	<ConferenceNumber>	<b342>
Conference date	<ConferenceDate>	<b054>	<ConferenceTheme>	<b054>
Conference place	<ConferencePlace>	<b055>	<ConferenceDate>	<b055>
Conference sponsor composite	<ConferenceSponsor>		<ConferencePlace>	
Sponsor identifier composite	<ConferenceSponsorIdentifier>			
Sponsor identifier type code, List 44	<ConferenceSponsorIDType>	<b390>	<ConferenceSponsorIDType>	<b390>
Identifier type name	<IDTypeName>	<b233>	<IDTypeName>	<b233>
Identifier value	<IDValue>	<b244>	<IDValue>	<b244>
Person name	<PersonName>	<b036>	<PersonName>	<b036>
Corporate name	<CorporateName>	<b047>	<CorporateName>	<b047>
Conference website composite	<Website>			
Website role, List 73	<WebsiteRole>	<b367>	<WebsiteRole>	<b367>
Website description	<WebsiteDescription>	<b294>	<WebsiteDescription>	<b294>
Website link - URI format	<WebsiteLink>	<b295>	<WebsiteLink>	<b295>
P.9 Edition				
Edition type code, List 21	<EditionType>	<x419>	<EditionType>	<b056>
Edition number	<EditionNumber>	<b057>	<EditionNumber>	<b057>
Edition version number	<EditionVersionNumber>	<b217>	<EditionVersionNumber>	<b217>
Edition statement	<EditionStatement>	<b058>	<EditionStatement>	<b058>

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
"No edition" indicator (empty element)	<NoEdition/>	<n386/>	<NoEdition/>	<n386/>
Religious text composite	<ReligiousText>		<ReligiousText>	
Bible composite	<Bible>		<Bible>	
Bible contents, List 82	<BibleContents>	<b352>	<BibleContents>	<b352>
Bible version, List 83	<BibleVersion>	<b353>	<BibleVersion>	<b353>
Study Bible type, List 84	<StudyBibleType>	<b389>	<StudyBibleType>	<b389>
Bible purpose, List 85	<BiblePurpose>	<b354>	<BiblePurpose>	<b354>
Bible text organization, List 86	<BibleTextOrganization>	<b355>	<BibleTextOrganization>	<b355>
Bible reference location, List 87	<BibleReferenceLocation>	<b356>	<BibleReferenceLocation>	<b356>
Bible text feature, List 97	<BibleTextFeature>	<b357>	<BibleTextFeature>	<b357>
Religious text Identifier, List 88	<ReligiousTextIdentifier>	<b376>	<ReligiousTextIdentifier>	<b376>
Religious text feature composite	<ReligiousTextFeature>			
Religious text feature type, List 89	<ReligiousTextFeatureType>	<b358>	<ReligiousTextFeatureType>	<b358>
Religious text feature code, List 90	<ReligiousTextFeatureCode>	<b359>	<ReligiousTextFeatureCode>	<b359>
Religious text feature description	<ReligiousTextFeatureDescription>	<b360>	<ReligiousTextFeatureDescription>	<b360>
P.10 Language				
Language composite (PR.11.1 through PR.11.2 are deprecated in 2.1)	<Language>			
Language role, List 22	<LanguageRole>	<b253>	<LanguageRole>	<b253>
Language code, List 74	<LanguageCode>	<b252>	<LanguageCode>	<b252>
Country code, List 91	<CountryCode>	<b251>	<CountryCode>	<b251>
Script code, List 121	<ScriptCode>	<x420>		
P.11 Extents and other content				
Number of pages			<NumberOfPages>	<b061>
Number of pages, roman			<PagesRoman>	<b254>
Number of pages, Arabic			<PagesArabic>	<b255>
Extent composite	<Extent>			
Extent type code, List 23	<ExtentType>	<b218>		<b218>
Extent value	<ExtentValue>	<b219>		<b219>

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Extent value in Roman numerals	<ExtentValueRoman>	<x421>		
Extent unit, List 24	<ExtentUnit>	<b220>		<b220>
Illustrated / not illustrated flag, List 152	<Illustrated>	<x422>		
Number of illustrations	<NumberOfIllustrations>	<b125>	<NumberOfIllustrations>	<b125>
Illustrations and other content note	<IllustrationsNote>	<b062>	<IllustrationsNote>	<b062>
Illustrations / other content composite	<AncillaryContent>			
Illustration or other content type, List 25	<AncillaryContentType>	<x423>	<IllustrationType>	<b256>
Illustration or other content description	<AncillaryContentDescription>	<x424>	<IllustrationTypeDescription>	<b361>
Number of items of specified type	<Number>	<b257>	<Number>	<b257>
P.12 Subject				
Subject composite	<Subject>			
Main subject flag (this includes BISAC & BIC for 2.1)	<MainSubject/>	<x425/>	BISAC main subject category BIC main subject category	<b064> <b065>
Subject scheme identifier, List 27	<SubjectSchemeIdentifier>	<b067>		
Proprietary subject scheme name	<SubjectSchemeName>	<b171>		
Subject scheme version no	<SubjectSchemeVersion>	<b068>		
Subject code	<SubjectCode>	<b069>		
Subject heading text	<SubjectHeadingText>	<b070>		
Name-as-subject composite	<NameAsSubject>			
Name type, List 18	<NameType>	<x414>		
Name identifier composite	<NameIdentifier>			
Name ID type code, List 44	<NameIDType>	<x415>		
Identifier type name	<IDTypeName>	<b233>		
Identifier value	<IDValue>	<b244>		
Person name	<PersonName>	<b036>		
Person name, inverted	<PersonNameInverted>	<b037>		
Person name part 1	<TitlesBeforeNames>	<b038>		
Person name part 2	<NamesBeforeKey>	<b039>		
Person name part 3	<PrefixToKey>	<b247>		
Person name part 4	<KeyNames>	<b040>		
Person name part 5	<NamesAfterKey>	<b041>		

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Person name part 6	<SuffixToKey>	<b248>		
Person name part 7	<LettersAfterNames>	<b042>		
Person name part 8	<TitlesAfterNames>	<b043>		
Corporate name	<CorporateName>	<b047>		
Corporate name, inverted	<CorporateNameInverted>	<x443>		
P.13 Audience				
Audience code, List 28	<AudienceCode>	<b073>	<AudienceCode>	<b073>
Audience composite	<Audience>			
Audience code type, List 29	<AudienceCodeType>	<b204>	<AudienceCodeType>	<b204>
Audience code type name	<AudienceCodeTypeName>	<b205>	<AudienceCodeTypeName>	<b205>
Audience code value	<AudienceCodeValue>	<b206>	<AudienceCodeValue>	<b206>
Audience range composite (PR.14.5 & PR.14.6 deprecated for 2.1)	<AudienceRange>			
Audience range qualifier, List 30	<AudienceRangeQualifier>	<b074>	<AudienceRangeQualifier>	<b074>
Audience range precision (1), List 31	<AudienceRangePrecision>	<b075>	<AudienceRangePrecision>	<b075>
Audience range value (1)	<AudienceRangeValue>	<b076>	<AudienceRangeValue>	<b076>
Audience range precision (2), List 31	<AudienceRangePrecision>	<b075>		<b075>
Audience range value (2)	<AudienceRangeValue>	<b076>		<b076>
Audience description	<AudienceDescription>	<b207>	<AudienceDescription>	<b207>
Complexity composite	<Complexity>			
Complexity scheme identifier, List 32	<ComplexitySchemeIdentifier>	<b077>	<ComplexitySchemeIdentifier>	<b077>
Complexity code	<ComplexityCode>	<b078>	<ComplexityCode>	<b078>
Block 2: Marketing Collateral Detail				
ONIX 3.0 Section and Tag	REFERENCE NAME 3.0	Onix 3.0 Tag	REFERENCE NAME 2.1	ONIX 2.1 tag
P.14 Descriptions and other text				
Text content composite	<TextContent>		<Othertext>	
Text type code, List 153 List 33 (2.1 only)	<TextType>	<x426>	<Annotation> Deprecated <MainDescription> Deprecated <TextTypeCode> <ReviewQuote> Deprecated	<d100> <d101> <d102> <e110>

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Text audience, List 154	<ContentAudience>	<x427>		
Other Text Format, List 34 (2.1 only)			<TextFormat>	<d103>
Text	<Text>	<d104>	<Text>	<d104>
Other Text Link Type, List 35			<TextLinkType>	<d105>
Other Text Link			<TextLink>	<d106>
Author of quoted text	<TextAuthor>	<d107>	<TextAuthor>	<d107>
Corporate source of quoted text	<TextSourceCorporate>	<b374>	<TextSourceCorporate>	<b374>
Title of source	<SourceTitle>	<x428>	<TextSourceTitle>	<d108>
Content date composite	<ContentDate>			
Content date role, List 155	<ContentDateRole>	<x429>	<Text PublicationDate> <StartDate> <EndDate>	<d109> <b324> <b325>
Date format - deprecated	<DateFormat>	<j260>		
Date	<Date>	<b306>	<TextPublicationDate> <StartDate> <EndDate>	<d109> <b324> <b325>
P.15 Cited content				
Cited content composite	<CitedContent>			
Cited content audience, List 154	<ContentAudience>	<x427>		
Source type, List 157	<SourceType>	<x431>		
Title of source	<SourceTitle>	<x428>		
Name of bestseller list	<ListName>	<x432>		
Position on list (bestseller lists only)	<PositionOnList>	<x433>		
Citation	<CitationNote>	<x434>		
Link to cited content - URI	<ResourceLink>	<x435>		
Content date composite	<ContentDate>			
Content date role, List 155	<ContentDateRole>	<x429>		
Date format	<DateFormat>	<j260>		
Date	<Date>	<b306>		
P.16 Links to supporting resources				
Supporting resource composite	<SupportingResource>			
Resource content type code, List 158	<ResourceContentType>	<x436>		
Target audience code, List 154	<ContentAudience>	<x427>		

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Resource mode code, List 159	<ResourceMode>	<x437>		
Resource feature composite	<ResourceFeature>			
Resource feature type code, List 160	<ResourceFeatureType>	<x438>		
Resource feature value	<ResourceFeatureValue>	<x439>		
Resource feature note	<ResourceFeatureNote>	<x440>		
Resource version composite	<ResourceVersion>			
Resource form code, List 161	<ResourceForm>	<x441>		
Resource version feature composite	<ResourceVersionFeature>			
Resource version feature type List 162	<ResourceVersionFeatureType>	<x442>		
Resource version feature value: see List 178 ; other applicable lists will be specified in notes on List 162	<ResourceFormFeatureValue>	<x443>		
Resource version feature note	<ResourceFormFeatureNote>	<x444>		
Link to resource content - URI	<ResourceLink>	<x435>		
Content date composite	<ContentDate>			
Content date role, List 155	<ContentDateRole>	<x429>		
Date format	<DateFormat>	<j260>		
Date	<Date>	<b306>		
P.17 Prizes				
Prizes or awards description - deprecated			<PrizesDescription>	<g124>
Prize-or-award composite	<Prize>			
Prize or award name	<PrizeName>	<g126>	<PrizeName>	<g126>
Prize or award year	<PrizeYear>	<g127>	<PrizeYear>	<g127>
Prize or award country, List 91	<PrizeCountry>	<g128>	<PrizeCountry>	<g128>
Prize or award achievement code, List 41	<PrizeCode>	<g129>	<PrizeCode>	<g129>
Prize or award jury	<PrizeJury>	<g343>	<PrizeJury>	<g343>
Block 3: Content Detail				
ONIX 3.0 Section and Tag	REFERENCE NAME 3.0	Onix 3.0 Tag	REFERENCE NAME 2.1	ONIX 2.1 tag
P.18 Content items				

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Content item composite	<ContentItem>		<ContentItem>	
Level sequence number	<LevelSequenceNumber>	<b284>	<LevelSequenceNumber>	<b284>
Text item composite	<TextItem>		<TextItem>	
Text item type code, List 42	<TextItemType>	<b290>	<TextItemType>	<b290>
Text item identifier composite	<TextItemIdentifier>			
Text item identifier type code, List 43	<TextItemIDType>	<b285>	<TextItemIDType>	<b285>
Identifier type name	<IDTypeName>	<b233>	<IDTypeName>	<b233>
Identifier value	<IDValue>	<b244>	<IDValue>	<b244>
End of text item identifier composite				
Page run composite	<PageRun>			
First page number	<FirstPageNumber>	<b286>	<FirstPageNumber>	<b286>
Last page number	<LastPageNumber>	<b287>	<LastPageNumber>	<b287>
End of page run composite (PR.18.6 & 18.7 are listed as First Page number and last page number in 2.1 documentation but not in page run composite)				
Number of pages	<NumberOfPages>	<b061>	<NumberOfPages>	<b061>
End of text item composite				
Component type name	<ComponentTypeName>	<b288>		
Component number	<ComponentNumber>	<b289>		
Component title (2.1 only)	<DistinctiveTitle>	<b028>		
Title detail composite	<TitleDetail>			
Contributor composite	<Contributor>			
Contributor statement	<ContributorStatement>	<b049>		
Subject composite	<Subject>			
Name as subject composite	<NameAsSubject>			
Text content composite	<TextContent>			
Cited content composite	<CitedContent>			
Supporting resource composite	<SupportingResource>			

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Related work composite	<RelatedWork>			
Block 4: Publishing Detail				
ONIX 3.0 Section and Tag	REFERENCE NAME 3.0	Onix 3.0 Tag	REFERENCE NAME 2.1	ONIX 2.1 tag
P.19 Publisher				
Imprint or brand composite	<Imprint>			
Imprint identifier composite (PR.19.1 Imprint name outside the composite <b079> now deprecated used in composite below)	<ImprintIdentifier>			
Imprint identifier type, List 44	<ImprintIDType>	<x445>	<NameCodeType>	<b241>
Identifier type name	<IDTypeName>	<b233>	<NameCodeTypeName>	<b242>
Identifier value	<IDValue>	<b244>	<NameCodeValue>	<b243>
Imprint name	<ImprintName>	<b079>	<ImprintName>	<b079>
Publisher composite (PR.19.6 Publisher name outside the composite <b081> now deprecated used in composite below)	<Publisher>			
Publishing role code, List 45 Co-Publisher (depr) Sponsor (depr) Publisher of original-language version (depr)	<PublishingRole>	<b291>	<PublishingRole> <CopublisherName> <SponsorName> <OriginalPublisherName>	<b291> <b084> <b085> <b240>
Publisher identifier composite	<PublisherIdentifier>			
Publisher identifier type, List 44	<PublisherIDType>	<x447>	<NameCodeType>	<b241>
Identifier type name	<IDTypeName>	<b233>	<NameCodeTypeName>	<b242>
Identifier value	<IDValue>	<b244>	<NameCodeValue>	<b243>
Publisher name	<PublisherName>	<b081>	<PublisherName>	<b081>
Publisher Website composite	<Website>			
Website role, List 73	<WebsiteRole>	<b367>	<WebsiteRole>	<b367>
Website description	<WebsiteDescription>	<b294>	<WebsiteDescription>	<b294>
Website link - URI format	<WebsiteLink>	<b295>	<WebsiteLink>	<b295>
End of website composite				

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
End of publisher composite				
City or town of publication	<CityOfPublication>	<b209>	<CityOfPublication>	<b209>
Country of publication, List 91	<CountryOfPublication>	<b083>	<CountryOfPublication>	<b083>
P.20 Global publishing status / copyright				
Global publishing status, List 64	<PublishingStatus>	<b394>	<PublishingStatus>	<b394>
Publishing status note	<PublishingStatusNote>	<b395>	<PublishingStatusNote>	<b395>
Publishing date composite	<PublishingDate>			
Publishing date role code, List 163	<PublishingDateRole>	<x448>	<AnnouncementDate> <TradeAnnouncementDate> <PublicationDate> <OutOfPrintDate>	<b086> <b362> <b003> <h134>
Date format	<DateFormat>	<j260>		
Date	<Date>	<b306>		
Latest reprint number	<LatestReprintNumber>	<x446>		
Copyright statement composite	<CopyrightStatement>			
Copyright year	<CopyrightYear>	<b087>	<CopyrightYear>	<b087>
Copyright owner composite	<CopyrightOwner>		<CopyrightOwner>	
Copyright owner identifier composite	<CopyrightOwnerIdentifier>		<CopyrightOwnerIdentifier>	
Copyright owner ID type code, List 44	<CopyrightOwnerIDType>	<b392>	<CopyrightOwnerIDType>	<b392>
Identifier type name	<IDTypeName>	<b233>	<IDTypeName>	<b233>
Identifier value	<IDValue>	<b244>	<IDValue>	<b244>
End of copyright owner identifier composite				
Person name	<PersonName>	<b036>	<PersonName>	<b036>
Corporate name	<CorporateName>	<b047>	<CorporateName>	<b047>
P.21 Territorial rights / sales restrictions				
Sale rights composite	<SaleRights>		<SaleRights>	
Sale rights type code, List 46 (list for 2.1 only has 3 values. 3.0 list has 8:- will need to separate tables)	<SaleRightsType>	<b089>	<SaleRightsType>	
Territory composite	<Territory>	<b090> <b388> <b091>	<RightsCountry> <RightsTerritory> <RightsRegion>	

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Not-for-sale composite	<NotForSale>	<b090> <b388>	<RightsCountry> <RightsTerritory>	
Product identifier composite	<ProductIdentifier>			
Product identifier type code, List 5	<ProductIDType>	<b221>	<ProductIDType>	<b221>
Identifier type name	<IDTypeName>	<b233>	<IDTypeName>	<b233>
Identifier value	<IDValue>	<b244>	<IDValue>	<b244>
Equivalent product publisher name	<PublisherName>	<b081>	<PublisherName>	<b081>
End of not-for-sale composite (2.1)				
Rest of World sale rights type code, List 46	<ROWSalesRightsType>	<x456>		
Sales restriction composite	<SalesRestriction>		<SalesRestriction>	
Sales restriction type code, List 71	<SalesRestrictionType>	<b381>	<SalesRestrictionType>	<b381>
Sales outlet composite	<SalesOutlet>		<SalesOutlet>	
Sales outlet identifier composite	<SalesOutletIdentifier>		<SalesOutletIdentifier>	
Sales outlet identifier type code, List 102	<SalesOutletIDType>	<b393>	<SalesOutletIDType>	<b393>
Identifier type name	<IDTypeName>	<b233>	<IDTypeName>	<b233>
Identifier value	<IDValue>	<b244>	<IDValue>	<b244>
End of sales outlet identifier composite (2.1)				
Sales outlet name	<SalesOutletName>	<b382>		
Sales restriction note	<SalesRestrictionNote>	<x453>		
Sales restriction effective from (date)	<StartDate>	<b324>		
Sales restriction effective until (date)	<EndDate>	<b325>		

Block 5: Related Material

ONIX 3.0 Section and Tag	REFERENCE NAME 3.0	Onix 3.0 Tag	REFERENCE NAME 2.1	ONIX 2.1 tag
P.22 Related works				
Related work composite	<RelatedWork>			
Relation code, List 164	<WorkRelationCode>	<x454>		
Work identifier composite	<WorkIdentifier>		<WorkIdentifier>	

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Work identifier type code, List 16	<WorkIDType>	<b201>	<WorkIDType>	<b201>
Identifier type name	<IDTypeName>	<b233>	<IDTypeName>	<b233>
Identifier value	<IDValue>	<b244>	<IDValue>	<b244>
P.23 Related products				
Related product composite	<RelatedProduct>		<RelatedProduct>	
Relation code, List 51	<ProductRelationCode>	<x455>	<RelationCode>	<h208>
Product identifier composite	<ProductIdentifier>			
Product identifier type code, List 5	<ProductIDType>	<b221>	<ProductIDType>	<b221>
Identifier type name	<IDTypeName>	<b233>	<IDTypeName>	<b233>
Identifier value	<IDValue>	<b244>	<IDValue>	<b244>
Product form code, List 7	<ProductForm>	<b012>	<ProductForm>	<b012>
Product form detail, List 78	<ProductFormDetail>	<b333>	<ProductFormDetail>	<b333>

Block 6: Product Supply

ONIX 3.0 Section and Tag	REFERENCE NAME 3.0	Onix 3.0 Tag	REFERENCE NAME 2.1	ONIX 2.1 tag
P.24 Market (on the price line, supplier specific)				
Market composite	<Market>			
Territory composite	<Territory>			
Countries included, List 91	<CountriesIncluded>	<x449>		<j138> <j140>
Territories included, List 49	<RegionsIncluded>	<x450>		<j397>
Countries excluded, List 91	<CountriesExcluded>	<x451>		<j140>
Territories excluded, List 49	<RegionsExcluded>	<x452>		
Market sales restriction composite	<SalesRestriction>			
P.25 Market publishing detail				
Market publishing detail composite	<MarketPublishingDetail>			
Publisher representative composite	<PublisherRepresentative>			
Agent role code, List 69	<AgentRole>	<j402>	<AgentRole>	<j402>
Agent identifier composite	<AgentIdentifier>			
Agent representative ID type, List 92	<AgentIDType>	<j400>	<AgentIDType>	<j400>

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Identifier type name	<IDTypeName>	<b233>	<IDTypeName>	<b233>
Identifier value	<IDValue>	<b244>	<IDValue>	<b244>
End of Agent identifier composite(2.1)				
Agent name	<AgentName>	<j401>	<AgentName>	<j401>
Agent phone number	<TelephoneNumber>	<j270>	<TelephoneNumber>	<j270>
Agent fax number	<FaxNumber>	<j271>	<FaxNumber>	<j271>
Agent email address	<EmailAddress>	<j272>	<EmailAddress>	<j272>
Publisher Representative Website composite	<Website>			
Website role, List 73	<WebsiteRole>	<b367>	<WebsiteRole>	<b367>
Website description	<WebsiteDescription>	<b294>	<WebsiteDescription>	<b294>
Website link - URI format	<WebsiteLink>	<b295>	<WebsiteLink>	<b295>
End of website composite(2.1)				
Market publishing status, List 68	<MarketPublishingStatus>	<j407>	<MarketPublishingStatus>	<j407>
Market publishing status note	<MarketPublishingStatusNote>	<x406>		
Market publishing date composite	<MarketDate>			
Market date role, List 163	<MarketDateRole>	<j408>		
Date format, List 55	<DateFormat>	<j260>	<DateFormat>	<j260>
Date	<Date>	<b306>	<Date>	<b306>
End of market date composite				
End of market representation composite				
Promotion campaign information	<PromotionCampaign>	<k165>	<PromotionCampaign>	<k165>
Promotion contact details	<PromotionContact>	<k166>	<PromotionContact>	<k166>
Initial print run	<InitialPrintRun>	<k167>	<InitialPrintRun>	<k167>
Reprint detail	<ReprintDetail>	<k309>	<ReprintDetail>	<k309>
Copies sold	<CopiesSold>	<k168>	<CopiesSold>	<k168>
Book Club adoption	<BookClubAdoption>	<k169>	<BookClubAdoption>	<k169>
P.26 Supply detail				
Supply detail composite	<SupplyDetail>		<SupplyDetail>	
Supplier composite	<Supplier>			
Supplier role, List 93	<SupplierRole>	<j292>	<SupplierRole>	<j292>
Supplier identifier composite	<SupplierIdentifier>		<SupplierIdentifier>	

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Supplier identifier type code, List 92	<SupplierIDType>	<j345>	<SupplierIDType>	<j345>
Identifier type name	<IDTypeName>	<b233>	<IDTypeName>	<b233>
Identifier value	<IDValue>	<b244>	<IDValue>	<b244>
Supplier name	<SupplierName>	<j137>	<SupplierName>	<j137>
Supplier phone number	<TelephoneNumber>	<j270>	<TelephoneNumber>	<j270>
Supplier fax number	<FaxNumber>	<j271>	<FaxNumber>	<j271>
Supplier email address	<EmailAddress>	<j272>	<EmailAddress>	<j272>
Website composite	<Website>			
Website role, List 73	<WebsiteRole>	<b367>	<WebsiteRole>	<b367>
Website description	<WebsiteDescription>	<b294>	<WebsiteDescription>	<b294>
Website link - URI format	<WebsiteLink>	<b295>	<WebsiteLink>	<b295>
Supplier own coding composite	<SupplierOwnCoding>			
Supplier own code type code, List 165	<SupplierCodeType>	<x458>		
Supplier own code value	<SupplierCodeValue>	<x459>		
Returns conditions, coded	<ReturnsConditions>			
Returns conditions code type, List 53	<ReturnsCodeType>	<j268>	<ReturnsCodeType>	<j268>
Returns conditions code type name	<ReturnsCodeTypeName>	<x460>		
Returns conditions code List 66	<ReturnsCode>	<j269>	<ReturnsCode>	<j269>
Product availability, List 65	<ProductAvailability>	<j396>	<ProductAvailability>	<j396>
Supply date composite	<SupplyDate>			
Supply date role, List 166	<SupplyDateRole>	<x461>	<LastDateForReturns> <ExpectedAvailabilityDate> <OnSale Date>	<j387> <j142> <j143>
Date format, List 55	<DateFormat>	<j260>	<ExpectedAvailabilityDateFormat>	<j260>
Date	<Date>	<b306>		
Order time	<OrderTime>	<j144>		
New supplier composite New supplier EAN Location no New supplier SAN	<NewSupplier>		<NewSupplier> <SupplierEANLocationNumber> <SupplierSAN>	<j135> <j136>
Supplier identifier composite	<SupplierIdentifier>		<SupplierIdentifier>	
Supplier identifier type code, List 92	<SupplierIDType>	<j345>	<SupplierIDType>	<j345>
Identifier type name	<IDTypeName>	<b233>	<IDTypeName>	<b233>
Identifier value	<IDValue>	<b244>	<IDValue>	<b244>

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Supplier name	<SupplierName>	<j137>	<SupplierName>	<j137>
Supplier phone number	<TelephoneNumber>	<j270>	<TelephoneNumber>	<j270>
Supplier fax number	<FaxNumber>	<j271>	<FaxNumber>	<j271>
Supplier email address	<EmailAddress>	<j272>	<EmailAddress>	<j272>
Stock quantity composite	<Stock>		<Stock>	
Location identifier composite	<LocationIdentifier>		<LocationIdentifier>	
Location identifier type code, List 92	<LocationIDType>	<j377>	<LocationIDType>	<j377>
Identifier type name	<IDTypeName>	<b233>	<IDTypeName>	<b233>
Identifier value	<IDValue>	<b244>	<IDValue>	<b244>
End of location identifier composite				
Location name	<LocationName>	<j349>	<LocationName>	<j349>
Stock quantity coded composite	<StockQuantityCoded>		<StockQuantityCoded>	
Stock quantity code type, List 70	<StockQuantityCodeType>	<j293>	<StockQuantityCodeType>	<j293>
Stock quantity code type name	<StockQuantityCodeTypeName>	<j296>	<StockQuantityCodeTypeName>	<j296>
Stock quantity code	<StockQuantityCode>	<j297>	<StockQuantityCode>	<j297>
End of stock quantity coded composite				
Quantity on hand	<OnHand>	<j350>	<OnHand>	<j350>
Quantity on order	<OnOrder>	<j351>	<OnOrder>	<j351>
Committed backorder quantity	<CBO>	<j375>	<CBO>	<j375>
On order detail composite	<OnOrderDetail>		<OnOrderDetail>	
Quantity in shipment	<OnOrder>	<j351>	<OnOrder>	
Shipment expected date	<ExpectedDate>	<j302>	<ExpectedDate>	<j302>
End of on order detail composite				
End of stock quantity composite				
Pack or carton quantity	<PackQuantity>	<j145>	<PackQuantity>	<j145>
Audience restriction flag, List 56			<AudienceRestrictionFlag>	<j146>
Audience restriction note			<AudienceRestrictionNote>	<j147>
Unpriced item type, List 57	<UnpricedItemType>	<j192>	<UnpricedItemType>	<j192>
Price composite	<Price>		<Price>	
Price type code, List 58	<PriceType>	<x462>	<PriceTypeCode>	<j148>

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Price type qualifier, List 59	<PriceQualifier>	<j261>	<PriceQualifier>	<j261>
Price type description	<PriceTypeDescription>	<j262>	<PriceTypeDescription>	<j262>
Unit of pricing, List 60	<PricePer>	<j239>	<PricePer>	<j239>
Price condition composite	<PriceCondition>			
Price condition type code, List 167	<PriceConditionType>	<x463>		
Price condition quantity	<PriceConditionQuantity>			
Price condition quantity type, List 168	<PriceConditionQuantityType>	<x464>		
Price condition value, List 179	<Value>	<x465>		
Price condition quantity unit, List 169	<QuantityUnit>	<x466>		
Minimum order quantity	<MinimumOrderQuantity>	<j263>	<MinimumOrderQuantity>	<j263>
Batch bonus composite	<BatchBonus>		<BatchBonus>	
Batch quantity	<BatchQuantity>	<j264>	<BatchQuantity>	<j264>
Free quantity	<FreeQuantity>	<j265>	<FreeQuantity>	<j265>
End of batch composite				
Discount code composite	<DiscountCoded>			
Discount code type, List 100	<DiscountCodeType>	<j363>	<DiscountCodeType> <BICDiscountGroupCode> now part of List 100 in 3.0	<j363> <j150>
Discount code type name	<DiscountCodeTypeName>	<j378>	<DiscountCodeTypeName>	<j378>
Discount code value	<DiscountCode>	<j364>	<DiscountCode>	<j364>
End of discount code composite				
Discount composite	<Discount>			
Reason for discount, List 170	<ReasonForDiscount>	<x467>		
Quantity threshold	<Quantity>	<x468>		
Discount percent	<DiscountPercent>	<j267>	<DiscountPercent>	<j267>
Discount amount	<DiscountAmount>	<x469>		
Price status, List 61	<PriceStatus>	<j266>	<PriceStatus>	<j266>
Price amount	<PriceAmount>	<j151>	<PriceAmount>	<j151>
Price code type code			<PriceCodeType>	<x465>
Tax composite	<Tax>			
Tax type, coded, List 171	<TaxType>	<x470>		
Tax rate, coded, List 62	<TaxRateCode>	<x471>	<TaxRateCode1> <TaxRateCode2>	<j153> <j157>

ONIX 3.0 Section and Code List	REFERENCE NAME 3.0	ONIX 3.0 Tag (Preferred)	REFERENCE NAME 2.1	ONIX 2.1 tag
Tax rate, percent	<TaxRatePercent>	<x472>	<TaxRatePercent1> <TaxRatePercent2>	<j154> <j158>
Amount of price taxable at this rate	<TaxableAmount>	<x473>	<TaxableAmount1> <TaxableAmount2>	<j155> <j159>
Tax amount at this rate	<TaxAmount>	<x474>	<TaxAmount1> <TaxAmount2>	<j156> <j160>
Currency code, List 96	<CurrencyCode>	<j152>	<CurrencyCode>	<j152>
Territory composite				
Country code, List 91			<CountryCode>	<b251>
Countries included, List 91	<CountriesIncluded>	<x449>		
Territories included, List 49	<RegionsIncluded>	<x450>	<Territory>	<j303>
Countries excluded, List 91	<CountriesExcluded>	<x451>	<CountryExcluded>	<j304>
Territories excluded, List 49	<RegionsExcluded>	<x452>	<TerritoryExcluded>	<j305>
Currency zone, List 172	<CurrencyZone>	<x475>		
Price date composite	<PriceDate>			
Price date role, List 173	<PriceDateRole>	<x476>	<PriceEffectiveFrom> <PriceEffectiveUntil>	<j161> <j162>
Date format, List 55	<DateFormat>	<j260>		
Date	<Date>	<b306>		
Price printed on product, List 174	<PrintedOnProduct>	<x301>		
Position on product, List 142	<PositionOnProduct>	<x313>		
Reissue composite	<Reissue>		<Reissue>	
Reissue date	<ReissueDate>	<j365>	<ReissueDate>	<j365>
Reissue description	<ReissueDescription>	<j366>	<ReissueDescription>	<j366>
Price composite	<Price>			
Supporting resource composite	<SupportingResource>			

Appendix 2

ONIX Tips

Getting In Synch with Standards

ONIX is a standard. Your file must validate against the schema for ONIX. This means all ONIX composites must be supplied in correct order and all necessary elements within a composite must be provided.

- All data recipients will typically review your first file submission critically and provide feedback on its **format and data quality** issues. Once your file has been "tested" and is in "production" any changes you make to the format established can cause problems for data recipients.
- Always supply the same **file format** (ONIX 3.0 or 2.1) when delivering subsequent files. Any adjustments in tags where your data appears, the implementation of a new ONIX provider, or the extent of data you supply, should be mentioned in advance to your data recipients to ensure that changes are read properly.
- Each trading partner may have a specific preference for naming an ONIX file. Follow the proper **naming conventions** for each file you drop to the FTP or your data may not be processed. Do not adjust your naming conventions without speaking with your data recipients. Any changes in naming will add confusion about the processing of your file.
- Establish a **regular timeframe** for supplying your data (e.g. weekly, monthly) before you send your file. In addition, it is worth emailing your metadata partners to alert them if there is no regularly scheduled file coming.

Understanding Supplier Detail Data

The supplier detail composite of ONIX has specific fields that need to be included. This is where many issues occur for data recipients. Here are some expanded definitions of these fields:

- An **imprint** is defined as a trade name used by a publisher to identify a line of books, or a publishing arm within the publishing organization. It is sometimes used by large publishers to keep a family of products together. The imprint appears on all books produced in the line. See ONIX tag <b079>.
- The **publisher** listed in your file should match the name of the company assigned that ISBN prefix. Mismatches in this information could prevent trading partners from loading your data. See ONIX tag <b081>.
- **Price supplier (or distributor)** is the company that will take the order and deliver your products. While ONIX allows for multiple price suppliers per ISBN, it is best to check with your data recipients to see if they can process multiple price suppliers within one market (currency), otherwise data might be lost. See supplier role tag <j292> and its composites.

- **Price types and currencies** can vary widely. Some recipients can accept multiple currencies and price types (e.g. agency, retail, net, or library) while others prefer to receive only one type. See price type ONIX code <x462> or <j148>.
- The **status** of your titles is critical for sales. Discuss with each data recipient their preference for receiving product availability information as there are two ways to express this information in ONIX:
Publishing Status refers to the product's existence in the specified market. See ONIX tag <j407>.
Availability Status is slightly different, referring to the ability to obtain the item from the supplier. See ONIX tag <j396>.
- Ensure you use ONIX to communicate **price updates** and an item's **status update**, e.g., cancelled or out of print. See ONIX price amount tag <j151>. If you program ONIX only for active titles, you will end up creating other files to communicate with your data recipients besides sending ONIX, which will slow down these data updates.

Standardizing Related Metadata Elements

When you first create ONIX, change ONIX providers, or upgrade the amount of data fields you supply in ONIX, it is a good practice to review/provide your data across titles and within a title record to ensure completeness. Some metadata areas to focus on include:

- An **ISBN13** is required for each product form (i.e. print, digital, video or audio items). ISBNs should not be reused for additional formats as this causes confusion in the marketplace. See ONIX product ID type tag <b221>.
- When you submit an **item form** (the physical appearance of the item), whether it is a book or a digital item, be sure to be specific about the item and avoid vagueness as with “book other” as an item form. Utilize the appropriate codes to represent the item (paperback, mass market, PDF, EPUB, or CD). See ONIX item form tag <b012>.
- If your product contains **mixed media** items, you need to include the ONIX codes for contained items within this packaging (e.g., hardcover with a digital web link). Avoid putting this information in the title. Use the ONIX coding instead so this title will link and be discoverable with all other forms. ONIX coding for the contained items has the tag <b333>.
- The format of your **contributor names** (ONIX personal name tag <b036>) should not alter between editions or product formats. Sending an author name in various styles will hinder the discoverability of your titles. If the names match prior examples and are in the proper ONIX format, then all the same titles, regardless of varying item product forms, will link together. If a contributor name is a common one, it is helpful to supply the birthdate of the contributor as well.

- Do cross check **audience/subjects/age** ranges for a title. If you choose Juvenile subject codes starting with "JUV" or "JNF", check audience codes and age/grade codes to ensure they are in sync with your BISAC code. Ages you supply in your ONIX must also match within the audience code range. See Audience ONIX code <b206> and BISAC main subject ONIX 2.1 code <x425>; for ONIX 3.0 see BISAC main subject category <b064>.

Fielding Metadata Properly

ONIX has many more fields than were previously available in some databases. Ensure you are maximizing discoverability for your titles by putting data in the proper field. Merging data into a single field also may cause extra work for data recipients to field the data properly.

- Always use **title text** when identifying your titles and subtitles. See ONIX code <b028>. Also, separate your title, subtitle, and series into their proper ONIX tag. Do not include volume, edition, or binding (Item Form) data in your title or subtitle. This information should be sent in the proper fields found in specified ONIX tags.
- The name of a series is often confused with the title of an item. However, it does not belong in the title or subtitle field. **Series title** (ONIX 2.1 series name code <x409> and ONIX 3.0 series tag <b018>) needs to be parsed out into that field for the best discoverability of this item through a search with a specific series name. Also, do not list any volume/book numbers within the series field. (For example, *Catching Fire* is the title of a book. The series name for this book would be *The Hunger Games*. This title is book 2 in the series – ONIX 2.1 series book number tag <x410> and ONIX 3.0 series volume number tag <b019>.)
- Limit each **contributor** tag to a single author. See ONIX personal name tag <b036>. Use multiple tags to express multiple authors. Do not include additional information such as degree information, or titles in contributor name tag. This supplementary information can be added through additional tags in the composite. Corporate contributors should be sent through the appropriate tag. See ONIX corporate contributor tag <b047>.

Supplying Enhanced Metadata Content

When sending in metadata for **enhanced content**, you should contact data recipients to understand and comply with their submission guidelines. This will ensure that your enhanced content can be captured and displayed prior to programming anything in your system. You would not want to program for one method of delivery for this content if most data recipients need the content in another format.

- Update the **descriptions** of your ONIX titles. With ONIX you may be able to expand your descriptions beyond the limits of characters used in the past. You may want to revisit some descriptions to expand the information you have provided.

- Follow **field-specific rules**, such as subject classifications and keywords. For example, supplying both a specific and a general subject code on a given product is discouraged. Check with industry best practice guidelines to help you navigate through the various details for each field. Review these items whenever creating ONIX files or migrating suppliers. Create an action plan to address issues you find with your existing metadata.
- Supply your data as early as possible (**optimal timeframe delivery** is 180-day advance notice) prior to publication date. Do not wait to send metadata until the product is available for sale. At that point, retail and library budgets will be allocated to other products coming out.
- Check that the proper punctuation and **HTML styling** is used. Research these items:
 1. Some ONIX recipients may have issues processing HTML. If you include it, your data may not appear on their site as you intended.
 2. If you cut and paste descriptions from word processing software into your metadata system, you may end up with unintended format characters within your ONIX file. These issues can be resolved by speaking with your ONIX provider or by checking your metadata in your customers' systems after your ONIX file has been processed.

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