

ONIX for Books

Codelists Issue 15 Additions and Changes

This is the complete list of additions and changes for Issue 15 of the ONIX for Books Codelists.

Within the tables, **additions are in red**, **changes and clarifications in blue** and unchanged codes or text are in black. Additions include new codes suggested by Chinese, Dutch, UK and USA ONIX groups, as well as a significant new codelist that allows description of the suitability of e-publications for print-impaired readers.

List 3 – Record source type code (ONIX 2.1 and 3)

Code	Label	Note
07	Publisher's conversion service provider	Downstream provider of e-publication format conversion service (who might also be a distributor or retailer of the converted e-publication), supplying metadata on behalf of the publisher. The assigned ISBN is taken from the publisher's ISBN prefix.
08	Conversion service provider	Downstream provider of e-publication format conversion service (who might also be a distributor or retailer of the converted e-publication), supplying metadata on behalf of the publisher. The assigned ISBN is taken from the service provider's prefix (whether or not the service provider dedicates that prefix to a particular publisher).

These codes are intended primarily for use in a special ONIX for ISBN Registration message. This message is a 'profile' or subset of ONIX for Books, intended for use between publishers or e-publication format conversion providers and national ISBN agencies, for ISBN registration only. All data elements in the ONIX for ISBN message have direct equivalents in ONIX for Books, but elements and composites not relevant to ISBN registration have been stripped out – so for example the message does not include any supply chain information. However, these codes may be used in a full ONIX for Books message if the source of the record is a conversion service provider. Note the differentiation between the two depends on whether the registrant element of the ISBN is unique to the publisher (which includes the case where the conversion service provider 'owns' the prefix but dedicates it to a that publisher).

List 9 – Product classification type code (ONIX 2.1 and 3)

Code	Label	Note
08	GAPP Product Classification	Product classification maintained by the Chinese General Administration of Press and Publication (http://www.gapp.gov.cn).

List 13 – Series identifier type code (ONIX 2.1 and 3)

Code	Label	Note
15	ISBN-13	Use only where the collection (series or set) is available as a single product.

This code could be used within the product record for an individual product that is a part of a set, where the complete set is also available as a single product.

List 17 – Contributor role code (ONIX 2.1 and 3)

Code	Label	Note
B26	Technical editor	
E09	Speaker	Of a speech, lecture <i>etc.</i>

List 27 – Subject scheme identifier code (ONIX 2.1 and 3)

Code	Label	Note
88	Chinese Library Classification	Subject classification maintained by the Editorial Board of Chinese Library Classification. See http://cct.nlc.gov.cn for access to details of the scheme.
89	NTCPDSAC Classification	Subject classification for Books, Audiovisual products and E-publications formulated by China National Technical Committee 505.

Note that these are not included in List 26, which is only used with ONIX 2.1.

List 30 – Audience range qualifier (ONIX 2.1 and 3)

Code	Label	Note
29	Chinese School Grade code	Values are P, K, 1–17 (including college-level audiences).

List 34 – Text format code (ONIX 2.1 and 3)

Code	Label	Note
15	XPS	XML Paper Specification

List 39 – Image/audio/video file format code (ONIX 2.1 only)

Code	Label	Note
08	MPEG-4	MPEG-4 container format (.mp4, .m4a)
10	WMA	Windows Media Audio format.
11	AAC	Advanced Audio Codec format.
12	WAV	
13	AIFF	
14	WMV	Windows Media Video format
15	OGG	Ogg container format
16	AVI	Audio Video Interleaved container format
17	MOV	Quicktime container format
18	Flash	Flash video container format (includes .flv, .swf, .f4v <i>etc</i>)
19	3GP	3GPP container format (.3gp, .3g2)
20	WebM	WebM container format (includes .mkv)

Note that most of these are *container formats*. Within a particular container, many different codecs may be used, though a particular container type usually implies use of one of a small number of codecs (eg MPEG-4 .mp4 files typically contain video content in H.264/AVC format and AAC audio content).

List 44 – Name code type (ONIX 2.1 and 3)

Code	Label	Note
22	GAPP Publisher Identifier	Publisher identifier maintained by the Chinese ISBN Agency (GAPP).

List 58 – Price type code (ONIX 2.1 and 3)

Code	Label	Note
11	Special sale RRP excluding tax	Special sale RRP excluding any sales tax or value-added tax. Note 'special sales' are sales where terms and conditions are different from normal trade sales, when for example products that are normally sold on a sale-or-return basis are sold on firm-sale terms or where a particular product is tailored for a specific retail outlet (often termed a 'premium' product). Further details of the modified terms and conditions should be given in <PriceTypeDescription>.
17	Supplier's net price for special sale including tax	Unit price charged by supplier to reseller for special sale including any sales tax or value-added tax.
27	Supplier's pre-publication net price including tax	Unit price charged by supplier to reseller pre-publication including any sales tax or value-added tax.

Clarification of the meaning of 'special sale', because of potential confusion with temporary price promotions which are often termed 'special offers'.

List 59 – Price qualifier (ONIX 2.1 and 3)

Code	Label	Note
08	Promotional offer price	Temporary 'Special offer' price. Must be accompanied by <PriceEffectiveFrom> and <PriceEffectiveUntil> dates (or equivalent <PriceDate> composites in ONIX 3), and may also be accompanied by a 'normal' price.

This price qualifier allows a supplier to highlight a 'reduced price' special offer. Note there may be legal restrictions that apply to the use of promotional offer prices or comparisons with 'normal' prices.

List 64 – Publishing status (ONIX 2.1 and 3)

Code	Label	Note
12	Recalled	Recalled for reasons of consumer safety. Deprecated , use code 15 instead.
15	Recalled	Recalled for reasons of consumer safety
16	Temporarily withdrawn from sale	Withdrawn temporarily, typically for quality or technical reasons. In ONIX 3.0, must be accompanied by expected availability date coded '22' within the <PublishingDate> composite, except in exceptional circumstances where no date is known.

Deprecation of code 12 improves compatibility with Codelist 68. See also note under List 69.

List 65 – Product Availability (ONIX 2.1 and 3)

Code	Label	Note
34	Temporarily withdrawn from sale	May be for quality or technical reasons. Requires expected availability date, either as <ExpectedShipDate> (ONIX 2.1) or as <SupplyDate> with <SupplyDateRole> coded '08' (ONIX 3.0), except in exceptional circumstances where no date is known.

List 68 – Market publishing status (ONIX 2.1 and 3)

Code	Label	Note
15	Recalled	Recalled in this market for reasons of consumer safety.

16	Temporarily withdrawn from sale	Temporarily withdrawn from sale in this market, typically for quality or technical reasons. In ONIX 3.0, must be accompanied by expected availability date coded '22' within the <MarketPublishingDate> composite, except in exceptional circumstances where no date is known.
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For code 16, as with code 11, existing stock should usually be returned to the publisher. Unlike code 11, the publisher has indicated the same product (with unchanged content) will definitely become available again after a sort time, and <ProductAvailability> must indicate this with code 30, 32, 34 or similar from List 65 and an expected availability date.

List 78 – Product form detail (ONIX 2.1 only)

Code	Label	Note
A301	Standalone audio	
A302	Readalong audio	Audio intended exclusively for use with a copy of the book. Most often a children's product. Normally contains instructions such as "turn the page now" and other references to the printed item, and is usually sold packaged together with a printed copy.
A303	Playalong audio	Audio intended for accompaniment, eg 'Music minus one', etc, often used for music learning. Includes singalong backing audio for musical learning or for Karaoke-style entertainment.
A304	Speakalong audio	Audio intended for language learning, which includes speech plus gaps intended to be filled by the listener.
E200	Reflowable	Use where a particular e-publication type (specified in <EpubType>) has both reflowable and fixed-format variants.
E201	Fixed-format	Use where a particular e-publication type (specified in <EpubType>) has both reflowable and fixed-format variants.
E202	Readable offline	All e-publication resources are included within the e-publication package.
E203	Requires network connection	E-publication requires a network connection to access some resources (eg an enhanced e-book where video clips are not stored within the e-publication 'package' itself but are delivered via an internet connection).

Note that the tax treatment of readalong audio may be different from standalone audiobooks.

List 79 – Product form feature type (ONIX 2.1 and 3)

Code	Label	Note
08	'Point and Listen' device compatibility	Indicates compatibility with proprietary 'point and listen' devices such as the Ting Pen (http://www.ting.eu) or the iSmart Touch and Read pen. These devices scan invisible codes specially printed on the page to identify the book and position of the word, and the word is then read aloud by the device. The name of the compatible device (or range of devices) should be given in <ProductFormFeatureDescription>.
09	E-publication accessibility detail	For <ProductFormFeatureValue> codes, see Codelist 196.

For code 08, note that these pens require specially-printed books. They are different from mini scanners that use OCR techniques to read the printed word, and which are therefore compatible with normal books. Code 08 is used to describe the specially-printed books.

List 91 – ISO 3166-1 country code (ONIX 2.1 and 3)

Code	Label	Note
SS	South Sudan	

List 144 – E-publication technical protection (ONIX 3 only)

Clarification of name of list, to prevent confusion with EPUB file format.

List 145 – Usage type (ONIX 3 only)

Code	Label	Note
06	Lend	Lendable to other device owner or account holder, eg 'Lend-to-a-friend', library lending. The 'primary' copy becomes unusable while the secondary copy is 'on loan' unless a number of concurrent users is also specified).

This extension clarifies that the code to be used to describe library lending as well as 'lend-to-a-friend' status, to meet requirements where a publisher sets limits on the number of times a single licensed 'copy' of an e-book can loaned out to a library patron. The number of concurrent users is one, unless otherwise specified. NB where the number of concurrent borrowers is specifically *not* limited, specify the number of concurrent users as equal to zero.

List 147 – Unit of usage (ONIX 3 only)

Code	Label	Note
07	Concurrent users	Maximum number of concurrent users. NB where the number of concurrent users is specifically <i>not</i> limited, set the number of concurrent users to zero.

List 163 – Publishing date role (ONIX 3 only)

Code	Label	Note
22	Expected availability after temporary withdrawal	Date when a product that has been temporarily withdrawn from sale or recalled for any reason is expected to become available again, eg after correction of quality or technical issues.

List 165 – Supplier own code type (ONIX 3 only)

Code	Label	Note
04	Supplier's pricing restriction classification	A classification applied by a supplier to a product sold on Agency terms, to indicate that retail price restrictions are applicable.

Indicates a coding scheme controlled by the supplier (though the code itself may be provided by the publisher), where the code indicates whether or not some agreed restrictions on the ability of the publisher to vary the end-consumer price apply. Used only with an Agency pricing model, for example with the Apple iBooks store. The code itself (in <SupplierCodeValue>) is typically dependent on the time since original publication and other factors. [Do not confuse this with the price itself, which is carried in <Price> or (with a supplier using tiered pricing such as the iBook store) in <PriceCoded>.]

List 175 – Product form detail (ONIX 3 only)

Code	Label	Note
A301	Standalone audio	
A302	Readalong audio	Audio intended exclusively for use with a printed copy of the book. Most often a children's product. Usually contains instructions such as "turn the page now" and other references to the printed item, and is usually sold packaged together with a printed copy.
A303	Playalong audio	Audio intended for musical accompaniment, eg 'Music minus one', etc, often used for music learning. Includes singalong backing audio for musical learning or for Karaoke-style entertainment.

A304	Speakalong audio	Audio intended for language learning, which includes speech plus gaps intended to be filled by the listener.
E139	CEB	Founder Apabi's proprietary basic e-book format.
E140	CEBX	Founder Apabi's proprietary XML e-book format.
E200	Reflowable	Use where a particular e-publication type (specified using codes E100 and upwards) has both fixed-format and reflowable versions.
E201	Fixed format	Use where a particular e-publication type (specified using codes E100 and upwards) has both fixed-format and reflowable versions.
E202	Readable offline	All e-publication resources are included within the e-publication package.
E203	Requires network connection	E-publication requires a network connection to access some resources (eg an enhanced e-book where video clips are not stored within the e-publication 'package' itself but are delivered via an internet connection).

List 178 – Supporting resource file format (ONIX 3 only)

Code	Label	Note
A111	AIFF	Audio Interchange file format.
D108	3GP	3GPP container format (.3gp, .3g2)
D109	WebM	WebM container format (includes .mkv)

Note that most of these are *container formats*. Within a particular container, many different underlying codecs may be used, though a particular container type usually implies use of one of a small number of codecs (eg MPEG-4 .mp4 files typically contain video content with H.264/AVC compression and audio content with AAC compression, and WebM files usually contain video content compressed with VP8 and audio content with Vorbis compression).

List 184 – EU Toy Safety Directive hazard warning (ONIX 3 only)

Code	Label	Note
05	Carries other text associated with toy safety	Exact text (not in itself a warning) must be included in <ProductFormFeatureDescription>. May be used either without any warning, or as text additional to a warning. Note that if no warnings apply, code 00 can provide positive indication of this. Example use: "Suitable for all ages".

This is intended to allow product safety-related information that is not itself a warning to be conveyed – for example, 'Not tested on animals'. This type of text would typically be presented adjacent to or in place of any warning text by the recipient (eg in an online store). It should ideally be accompanied by a separate repeat of <ProductFormFeature> indicating any applicable warning, or a separate repeat using code 00 from List 184 to give a positive indication that there is no applicable warning.

List 196 – E-publication Accessibility detail (ONIX 3 only)

The aim of this new codelist is to provide a method whereby the suitability of a particular e-publication for a particular print-impaired reader may be described and assessed.

Code	Label	Note
10 †	No reading system accessibility options disabled (except)	No accessibility features offered by the reading system, device or reading software (including but not limited to choice of text size or typeface, choice of text or background color, text-to-speech) are disabled, overridden or otherwise unusable with the product EXCEPT – in ONIX 3 messages only – those specifically noted as subject to restriction or prohibition in <EpubUsageConstraint>. Note that provision of any significant part of the main textual content as images (ie as pictures of text, rather than as text) inevitably prevents use of these accessibility options.

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11	Table of contents navigation	Table of contents allows direct (eg hyperlinked) access to all levels of text organization above individual paragraphs (eg to all sections and subsections, to all tables, figures, illustrations etc). Non-textual items such as illustrations, tables, audio or video content are directly accessible from the table of contents, or from a similar List of illustrations, List of tables etc.
12	Index navigation	Index provides direct (eg hyperlinked) access to instances of the index terms in the document body.
13	Reading order	All or substantially all textual matter is arranged in a single logical reading order (including text that is visually presented as separate from the main text flow, eg in boxouts, captions, tables, footnotes, endnotes, citations etc). Non-textual content is also linked from within this logical reading order. (Purely decorative non-text content can be ignored.)
14	Short alternative descriptions	All or substantially all non-text content has short alternative textual descriptions, usually provided via <i>alt</i> attributes. Note this applies to normal images (eg photographs, charts and diagrams) and also to any embedded video etc. Audio and video content should include alternative descriptions for hearing-impaired as well as visually-impaired readers. (Purely decorative non-text content can be ignored, but the accessibility of resources delivered via a network connection rather than as part of the e-publication package must be included.)
15	Full alternative descriptions	All or substantially all non-text content has full alternative descriptions; usually provided via <i>describedby</i> or <i>longdesc</i> attributes *. Note this applies to still images (eg photographs, charts and diagrams) and also to any embedded audio, video etc. Audio and video content should include full alternative descriptions and subtitles or closed captions for hearing-impaired as well as visually-impaired readers. (Purely decorative non-text content can be ignored, but the accessibility of resources delivered via a network connection rather than as part of the e-publication package must be included.)
16	Visualised data also available in non-graphical form	Where data visualisations are provided (eg graphs and charts), the underlying data is also provided in non-graphical (usually tabular, textual) form.
17	Accessible math content	Mathematical content such as equations is usable with assistive technology, eg through use of MathML. Semantic MathML is preferred but Presentational MathML is acceptable.
18	Accessible chem content	Chemistry content such as chemical formulae is usable with assistive technology, eg through use of ChemML.
19	Print-equivalent page numbering	For a reflowable e-publication, contains references to the page numbering of an equivalent printed product.
20	Synchronised pre-recorded audio	Text-synchronised pre-recorded audio narration (natural or synthesised voice) is included for substantially all textual matter, including all alternative descriptions.
97	Compatibility tested ‡	<ProductFormFeatureDescription> carries a short description of compatibility testing carried out for this product, including detailed compatibility with various assistive technology such as third-party screen-reading software.
98	Trusted Intermediary contact	<ProductFormFeatureDescription> carries the e-mail address for a contact at a 'trusted intermediary', to whom detailed questions about accessibility for this product may be directed.
99	Publisher contact for further accessibility information	<ProductFormFeatureDescription> carries the e-mail address for a contact at the publisher to whom detailed questions about accessibility of this product may be directed.

† note that codes 01–09 are reserved for use with particular badging or compliance schemes, but suitable schemes have not yet been identified.

‡ note there is a suggested 500 character limit on the length of <ProductFormFeatureDescription>, so for extensive testing and compatibility notes, multiple repeats of <ProductFormFeature> may be necessary.

* note that *longdesc* and *describedby* are not currently standardised, so the preferred method for including long descriptions is somewhat unclear at present.

'Accessibility' is not a single attribute, but a collection of attributes, and the relative importance of each may vary according to the type and degree of impairment of one particular reader. A strong distinction must be drawn between accessibility features that are provided as an intrinsic part of the reading system, and those that are a part of the product – ONIX describes only the latter, except where it is possible for a product to disable reading system capabilities.

Many of these attributes should apply to 'all or very nearly all' of the document content. As an example, if one or two illustrations out of 100 in a book lack an alternative description, then the book may be described as having alternative descriptions. If more than a handful of illustrations lack alternative descriptions, then it severely compromises the value of the book to a reader who requires text descriptions of illustrations. In borderline cases, the relative editorial importance of a particular image should be taken into consideration. Where an e-book has been enhanced with additional audio or video material, the accessibility of the additional material is as important as the accessibility of the text content.

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