ONIX for Books – P&A only
Guidelines for Supply to Nielsen Book's Database
Version 1.1 01/04/2008

These guidelines are intended to indicate to prospective users of the ONIX standard which data elements should be included in ONIX P&A feeds to Nielsen Book. After due testing, no well-formed ONIX message, using any valid ONIX elements whether listed here or not, will be rejected. However, this statement of Nielsen Book's requirements and preferences for ONIX input gives a good indication of intended product output, and by observing these guidelines suppliers can do much to ensure their data, as they provide it, is forwarded unaltered to your customers.

Nielsen Book will accept any version of ONIX but these guidelines are primarily intended for users of 2.0 upwards. Where a field only appears in v2.1 this is noted in the text.

Nielsen Book reserves the right to change and update this document without consultation. Revised versions will be circulated to all users supplying to or testing ONIX feeds with Nielsen Book and will also be posted on the Nielsen Book website.

Key Addresses and Contacts
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At Nielsen Book:
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The ONIX International email list is for those who are implementing or planning to implement ONIX standards. This is a forum in which users can ask questions about the interpretation of ONIX standards, raise practical problems which need to be addressed in future releases, and participate in discussions aimed at finding the best solutions. To get more information or to subscribe, please go to: http://www.egroups.com/group/ONIX_IMPLEMENT

Or send an email to ONIX_IMPLEMENT-subscribe@egroups.com

Required components of a price & availability feed

This document is intended to give details of the mandatory field elements in the price & availability only feed.

The required components of a record in the P&A feed are as follows:

PR.1 Record reference number, type and source
PR.2 Product numbers
PR.20 Publishing status and dates, copyright
PR.21 Territorial rights and other sales restrictions
PR.24 Supplier, availability and prices
PR.25 Market representation

Message Header

The ONIX message must always begin as follows – this declaration example is for a message in v2.1 using reference tag names. Short tag names may also be used in messages to Nielsen Book.

```
<?xml version="1.0"?>
<!DOCTYPE ONIXMessage SYSTEM
"http://www.editeur.org/onix/2.1/reference/onix-international.dtd">
<ONIXMessage>
```

	DATA ELEMENT	BIC ONIX	NIELSEN BOOK	NOTES
	<Header> composite			Data elements sent without being grouped into a composite will also be accepted although use of the composite is preferred.
	MH.6 Sender Company name		M	The BIC ONIX documentation stipulates that although MH.6 is defined as optional, either MH.6 or one of the elements in MH.1- 5 must be supplied
	MH.18 Sent Date	M	M	
	MH.21 Default Price Type Code		P	Any price sent without a price type code either in the header or in the message will be ignored
	MH.21 Default Currency Code		P	Any price sent without a "currency code" either in the header or in the message will be assumed to be in GBP (sterling)

Notes on individual data elements:

	DATA ELEMENT	BIC ONIX	NIELSEN BOOK	NOTES
	PR.1 Record reference number & type			
	Record reference number	M	M	It is acceptable to use a product identifier as the reference number.
	PR.2 Product numbers			
	<ProductIdentifier> composite	M	M/P	Use of the <ProductIdentifier> composite (within which <ProductIDType> and <IDValue> are **mandatory**) is preferred for all product identifiers. Individual elements e.g. <ISBN>, although deprecated, will be accepted.
	Product Identifier type code	R	R	
	Identifier value	R	R	
	Barcode indicator		A	
	PR.20 Publishing dates			
	Publishing status	E	R	From ONIX 2.1 revision 01 upwards, the new <PublishingStatus> element, used in conjunction with <ProductAvailability> in PR.24, is the preferred method of showing availability detail, though not mandatory for BIC accreditation.
	Announcement date		A/P	**Preferred to <TradeAnnouncementDate>. Nielsen Book cannot guarantee that data supplied to trade customers will not be made available to the public so strongly recommend that data is not supplied until it can be made public.**
	Publication date	M	M	**Mandatory: BIC Basic element.** Defined as "the date of first publication of this product in the home market of the publisher named in PR.19". Month and year are *required*: day, month and year are *highly desirable.*
	Copyright year		A/P	**Preferred** to composite.
	Year first published		A	
	PR.21 Territorial rights			
	<SalesRights> composite	M	M	**Mandatory** for Australia, Canada, Ireland, New Zealand, South Africa, United Kingdom, United States at minimum: **BIC Basic element**. Full worldwide rights detail is highly desirable.

	DATA ELEMENT	BIC ONIX	NIELSEN BOOK	NOTES
	Sales rights type code		**M**	
	Sales rights country		**R**	**Required** where applicable.
	Rights territory		**R**	**Required** where applicable.
	<SalesRestriction> composite	**E**	**A**	**Desirable** for titles where sale is restricted to a particular sales outlet.
	Sales restriction type code		**A**	
	<SalesOutlet> composite		**A**	
	Sales outlet name		**A**	
	Sales restriction detail		**A**	
	PR.23 Related products			
	<RelatedProduct> composite	**R**	**P**	Use for all types of relationship: *Replaced-by* and *Alternative-format* are **BIC Basic elements**, **required** with designated availability codes. Composite **preferred** to individual elements. Related product must carry either an identifier or a form code.
	Relation code		**R**	**Mandatory** within composite.
	<ProductIdentifier> composite		**R/P**	Composite **preferred** to deprecated individual elements.
	Product id type code		**R**	**Mandatory** within composite.
	Identifier value		**R**	**Mandatory** within composite.
	Product form code		**A**	**Desirable** where known, especially where Relation code = 06.
	PR.24 Supplier, availability and prices			
	<SupplyDetail> composite	**M**	**M**	Mandatory
	Supplier EAN location no / Supplier name	**M**	**M**	Either EAN number or name is mandatory for BIC Basic. Supplier name is preferred to supplier composite
	Supplier role		**A**	
	Availability status code	**M**	**M**	Mandatory: BIC Basic element. Unless Product availability is sent.

	DATA ELEMENT	BIC ONIX	NIELSEN BOOK	NOTES
	Product availability	M	M	From ONIX 2.1 revision 01 upwards, the new <ProductAvailability> element, used in conjunction with <PublishingStatus> in PR.20, is a preferred alternative to <AvailabilityCode>.
	<NewSupplier> composite	R	P	Required when availability is RF.
	Expected availability date format	R	R	Required when format is other than YYYYMMDD
	Expected availability date	R	R	Required with designated availability codes: RP, NY, TU, UR, NP BIC Basic element. Month and year are *required*: day, month and year are *highly desirable.*
	On Sale Date (launch date)		E	Expected where there is an embargo on sales prior to the stated date. This element has been adopted by the BA in connection with its "Launch Dates Code of Practice". (UK only)
	Order time	R	R	Required for print on demand items. BIC Basic element
	Pack or carton quantity		A	
	Unpriced item type	R	R	Required when applicable: BIC Basic element (as "Special price code").
	<Price> composite	R	R/P	Required except for items with valid "Unpriced item type" code: BIC Basic element. Composite preferred to individual elements Please be as explicit as possible when sending price information. Use of the full set of ONIX fields will help to ensure that your price data is handled accurately on Nielsen Book products.
Price type code		R	R	Required in all occurrences of the <Price> composite. Code 02 (RRP including sales or value added tax if applicable) should be used for zero-rated book items in files supplied to Nielsen Book. For mixed or standard rate items use code 02 or 01 (RRP excluding any sales tax or value-added tax) as appropriate.
BIC discount group code		R	R	**Required** when applicable. UK only
Price amount		R	M	Required in all occurrences of the <Price> composite.
Currency code			A/R	Required when "default currency code" is not specified or when different from default currency code
Country code			E	
Tax rate 1, coded		R	R	Required in all occurrences of the <Price> composite. Nielsen Book strongly recommends that this field is populated even for zero-rated items.

	DATA ELEMENT	BIC ONIX	NIELSEN BOOK	NOTES
	Amount of price taxable at tax rate 1	**R**	**R**	Required even for zero-rated items.
	Tax amount at tax rate 1	**R**	**R**	Required even for zero-rated items.
	Tax rate 2, coded	**R**	**R**	Required when applicable, i.e. for mixed-rate VAT items.
	Amount of price taxable at tax rate 2	**R**	**R**	Required when applicable, i.e. for mixed-rate VAT items.
	Tax amount at tax rate 2	**R**	**R**	Required when applicable, i.e. for mixed-rate VAT items.
	Price effective from		**A**	Desirable when future price provided.
	<Reissue> composite		**A**	Desirable for unambiguous provision of reissue date before and after item is reissued.
	PR.25 Market representation			
	<MarketRepresentation> composite		**A**	Accepted
	Agent name		**A/P**	Preferred to Agent Identifier composite.
	Agent role		**A/R**	Mandatory within composite.
	Market country / territory		**A**	
	Market publishing status		**A**	
	<MarketDate> composite		**A**	
	Market date role code		**A/M**	Mandatory within composite.
	Date		**A/M**	Mandatory within composite.

A = Accepted
R = Required
M = Mandatory
P = Preferred

Naming convention:
Naming convention to be used for the files will be advised by Nielsen Book on an individual feed basis.