



Jointly with Book Industry Study Group, New York, and
Book Industry Communication, London



ONIX for Books

Supply Update Message

Overview

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1. ONIX Books Supply Update Message

- 1.1 This ONIX Books Supply Update Message is intended to allow supply-related information to be updated without requiring a complete replacement of the full ONIX descriptive record to be sent. At the same time, the goal has been to structure it so that it can be sent and received by existing ONIX users with a minimum of disruption to the systems that create outgoing and process incoming ONIX feeds.
- 1.2 With this in mind, the header has been kept consistent with the existing ONIX Books header, except that elements that have already been deprecated, or that are otherwise redundant, have been deleted. Each deletion is indicated in a footnote.
- 1.3 The <SupplyDetail> element, which represents the major part of the message payload, is consistent with ONIX Books Release 2.1 revision 03, except that elements that have already been deprecated, or that are otherwise redundant, have been deleted. Each deletion is indicated in a footnote.
- 1.4 The <MarketRepresentation> element is also included for those countries that use it. Again, it is completely consistent with ONIX Books Release 2.1 revision 03, with no omissions.
- 1.5 In the tables of data elements on pages 4 to 9, no description is given. Instead, column 1 gives a reference to the full documentation for ONIX Books Release 2.1 revision 03. This outline specification should be used in conjunction with the following ONIX documents:
Product Information Message, Product Record Format: Release 2.1 revision 03
Product Information Message, XML Message Specification: Release 2.1 revision 03

2. Business rules for use of the message

- 2.1 Except as noted in paragraph 2.2, each update must constitute a complete replacement of all the elements contained in the update message format.
- 2.2 The EAN-13 number sent in the <ProductIdentifier> composite will be used solely to identify the product whose supply detail is being updated. No other product identifiers can be sent. A full ONIX replacement record must be sent in order to amend other product identifiers.
- 2.3 The only elements of the ONIX record outside of <SupplyDetail> and <MarketRepresentation> that can be sent in a <SupplyUpdate> are those relating to publishing status and dates, as listed on page 6. These are included because they are closely connected to elements of <SupplyDetail>, and therefore liable to change at the same time without any changes elsewhere in the record.
- 2.4 The absence of any optional element on page 6 means that if a corresponding element was previously sent it should be deleted.
- 2.5 Depending on the value in <NotificationType>, a <SupplyUpdate> may carry
 - (a) <SupplyDetail> elements only
 - (b) <MarketRepresentation> elements only
 - (c) Both <SupplyDetail> and <MarketRepresentation> elements
- 2.6 When <SupplyDetail> elements are sent, they must completely replace the <SupplyDetail> elements previously sent for the product in question. If a change to <SupplyDetail> would normally require accompanying changes in ONIX content other than the few elements listed on page 6, a complete replacement <Product> record must be sent.
- 2.7 When <MarketRepresentation> elements are sent, they must completely replace the <MarketRepresentation> elements previously sent for the product in question.

3. DTD and Schema

As with the full ONIX Product Information message, the Supply Update message can be used with full reference names for each element or with short tags. The DTD, graphical view, and Schema for each version can be downloaded from the EDItEUR website.

The online reference versions of the DTD and Schema are located at the following URLs:

DTDs:

http://www.editeur.org/onix/bookssupplyupdate/1.0/reference/ONIX_Books_Supply_Update_1.0_reference.dtd

http://www.editeur.org/onix/bookssupplyupdate/1.0/short/ONIX_Books_Supply_Update_1.0_short.dtd

Schemas:

http://www.editeur.org/onix/bookssupplyupdate/1.0/reference/ONIX_Books_Supply_Update_1.0_reference.xsd

http://www.editeur.org/onix/bookssupplyupdate/1.0/short/ONIX_Books_Supply_Update_1.0_short.xsd

The schema namespace URIs are:

<http://www.editeur.org/onix/bookssupplyupdate/1.0/reference>

<http://www.editeur.org/onix/bookssupplyupdate/1.0/short>

Further information on using URIs in ONIX messages to refer to the online reference versions of DTD or Schema can be found in Section 5 of the *Product Information Message, XML Message Specification: Release 2.1 revision 03*.

Overview of the ONIX for Books Supply Update message format

The tables on this and subsequent pages give an overview of the ONIX for Books Supply Update message format, and show how elements are nested. The first section, color-coded yellow, shows the message header. The second section, color-coded green, shows the broad content of an update record, which is expanded in full detail in the third and fourth sections.

<ONIXBooksSupplyUpdateMessage version="1.0">						
	<Header>					1
	<SenderIdentifier>				Composite – see note ¹	0-n
MH.3 ²		<SenderIDType>		<m379>		1
MH.4		<IDTypeName>		<b233>		0-1
MH.5		<IDValue>		<b244>		1
MH.6	<FromCompany>			<m174>		0-1
MH.7	<FromPerson>			<m175>		0-1
MH.8	<FromEmail>			<m283>		0-1
	<AddresseeIdentifier>				Composite	0-n
MH.11 ³		<AddresseeIDType>		<m380>		1
MH.12		<IDTypeName>		<b233>		0-1
MH.13		<IDValue>		<b244>		1
MH.14	<ToCompany>			<m178>		0-1
MH.15	<ToPerson>			<m179>		0-1
MH.16	<MessageNumber>			<m180>		0-1
MH.17	<MessageRepeat>			<m181>		0-1
MH.18	<SentDate>			<m182>	Mandatory	1
MH.19	<MessageNote>			<m183>		0-1
MH.21	<DefaultPriceTypeCode>			<m185>		0-1
MH.22	<DefaultCurrencyCode>			<m186>		0-1
MH.25 ⁴	<DefaultClassOfTrade>			<m193>		0-1

¹ Either <SenderIdentifier> or <FromCompany> (or both) must be sent.

² MH.1 and MH.2 are omitted, since the <SenderIdentifier> composite provides an alternative means of carrying them.

³ MH.9 and MH.10 are omitted, since the <AddresseeIdentifier> composite provides an alternative means of carrying them.

⁴ Other defaults are omitted, since they apply to elements that do not occur in the update message.

	<SupplyUpdate>					
PR.1.1	<RecordReference>			<a001>	Mandatory	1
PR.1.2	<NotificationType>			<a002>	Mandatory 12 <SupplyDetail> only 13 <MarketRepresentation> only 14 Both <SupplyDetail> and <MarketRepresentation>	1
	<ProductIdentifier>				Mandatory	1
PR.2.7		<ProductIDType>		<b221>	Mandatory 03 EAN.UCC-13	1
PR.2.8		<IDTypeName>		<b233>	Not used in this context	0-1
PR.2.9		<IDValue>		<b244>	Mandatory	1
PR.20.1	<PublishingStatus>			<b394>	Mandatory	1
PR.20.2	<PublishingStatusNote>			<b395>		0-1
PR.20.3	<AnnouncementDate>			<b086>		0-1
PR.20.4	<TradeAnnouncementDate>			<b362>		0-1
PR.20.5	<PublicationDate>			<b003>	Mandatory	1
PR.23.34	<OutOfPrintDate>			<h134>		0-1
	<SupplyDetail>				See expansion on next page	0-n
	<MarketRepresentation>				See expansion on page 10	0-n

Notes

1. This page shows an overview of the <SupplyUpdate> record. Each ONIX for Books Supply Update message consists of a header and an unlimited number of <SupplyUpdate> records, each referring to a single product. There must not be more than one <SupplyUpdate> record for a single product.
2. The <RecordReference> element must carry the reference used for the full ONIX record for the product to which the <SupplyUpdate> refers.
3. The <ProductIdentifier> must be sent in the EAN.UCC-13 form.
4. The <NotificationType> element must carry one of the code values listed.
5. One and only one occurrence of the <ProductIdentifier> composite is mandatory, carrying the ISBN in EAN-13 format, to match the update to the target record. A full ONIX replacement record must be sent in order to amend other identifiers.
6. <PublicationStatus> and <PublicationDate> must always be sent even when they are unchanged.
7. <PublishingStatusNote>, <AnnouncementDate>, <TradeAnnouncementDate> and <OutOfPrintDate> must be sent when applicable. Their omission from a <SupplyUpdate> must be interpreted as deleting data previously sent in any of these elements.
8. The inclusion of <SupplyDetail> and/or <MarketRepresentation> composites depends on the <NotificationType>.

PR.24	<SupplyDetail>					0-n
	<SupplierIdentifier>				Composite – see note ⁵	0-n
PR.24.3 ⁶		<SupplierIDType>		<j345>		1
PR.24.4		<IDTypeName>		<b233>		0-1
PR.24.5		<IDValue>		<b244>		1
PR.24.6	<SupplierName>			<j137>		0-1
PR.24.7	<TelephoneNumber>			<j270>		0-n
PR.24.8	<FaxNumber>			<j271>		0-n
PR.24.9	<EmailAddress>			<j272>		0-n
	<Website>				Composite	0-n
PR.24.10		<WebsiteRole>		<b367>		0-1
PR.24.11		<WebsiteDescription>		<b294>		0-1
PR.24.12		<WebsiteLink>		<b295>		1
PR.24.13	<SupplierRole>			<j292>		0-1
PR.24.14	<SupplyToCountry>			<j138>		0-n
PR.24.15	<SupplyToTerritory>			<j397>		0-1
PR.24.17 ⁷	<SupplyToCountryExcluded>			<j140>		0-n
PR.24.17A	<SupplyRestrictionDetail>			<j399>		0-1
PR.24.18	<ReturnsCodeType>			<j268>	Required if <ReturnsCode> is sent	0-1
PR.24.19	<ReturnsCode>			<j269>		0-1
PR.24.20	<LastDateForReturns>			<j387>		0-1
PR.24.22 ⁸	<ProductAvailability>			<j396>	Mandatory	1
	<NewSupplier>				Composite	0-1
		<SupplierIdentifier>			Composite – see note ⁹	0-n
PR.24.26 ¹⁰		<SupplierIDType>		<j345>		1
PR.24.27		<IDTypeName>		<b233>		0-1
PR.24.28		<IDValue>		<b244>		1
PR.24.29		<SupplierName>		<j137>		0-1

⁵ Either <SupplierIdentifier> or <SupplierName> (or both) must be sent.

⁶ PR.24.1 and PR.24.2 are omitted, since the Supplier Identifier composite is now preferred.

⁷ PR.24.16 is omitted, since the element is now deprecated in favour of PR.24.15.

⁸ PR.24.21 is omitted, since the preferred element for availability coding is now PR.24.22. PR.23.23 has never been brought into use.

⁹ Either <SupplierIdentifier> or <SupplierName> (or both) must be sent.

¹⁰ PR.24.24 and PR.24.25 are omitted, since the Supplier Identifier composite is now preferred.

PR.24.30		<TelephoneNumber>		<j270>		0-n
PR.24.31		<FaxNumber>		<j271>		0-n
PR.24.32		<EmailAddress>		<j272>		0-n
PR.24.33	<DateFormat>			<j260>		0-1
PR.24.34	<ExpectedShipDate>			<j142>		0-1
PR.24.35	<OnSaleDate>			<j143>		0-1
PR.24.36	<OrderTime>			<j144>		0-1
	<Stock>				Composite	0-n
		<LocationIdentifier>			Composite	0-n
PR.24.37			<LocationIDType>	<j377>		1
PR.24.38			<IDTypeName>	<b233>		0-1
PR.24.39			<IDValue>	<b244>		1
PR.24.40		<LocationName>		<j349>		0-1
		<StockQuantityCoded>			Composite	0-1
PR.24.40A			<StockQuantityCodeType>	<j293>		1
PR.24.40B			<StockQuantityCodeTypeName>	<j296>		0-1
PR.24.40C			<StockQuantityCode>	<j297>		1
PR.24.41		<OnHand>		<j350>		1
PR.24.42		<OnOrder>		<j351>		0-1
PR.24.43		<CBO>		<j375>		0-1
		<OnOrderDetail>			Composite	0-n
PR.24.43A			<OnOrder>	<j351>		1
PR.24.43B			<ExpectedDate>	<j302>		1
PR.24.44	<PackQuantity>			<j145>		0-1
PR.24.45	<AudienceRestrictionFlag>			<j146>	Requires <AudienceRestrictionNote>	0-1
PR.24.46	<AudienceRestrictionNote>			<j147>	Requires <AudienceRestrictionFlag>	0-1
PR.24.47	<UnpricedItemType>			<j192>		0-1
	<Price>				Composite – see note ¹¹	0-n
PR.24.49 ¹²		<PriceTypeCode>		<j148>	See note – see note ¹³	0-1
PR.24.50		<PriceQualifier>		<j261>		0-1
PR.24.51		<PriceTypeDescription>		<j262>		0-1
PR.24.52		<PricePer>		<j239>		0-1

¹¹ Either <Price> or <UnpricedItemType> (but not both) must be sent.

¹² PR.24.48 is omitted, since the element is now deprecated.

¹³ <PriceTypeCode> is required unless a <DefaultPriceTypeCode> was sent in the header.

PR.24.53		<MinimumOrderQuantity>		<j263>		0-1	
		<BatchBonus>			Composite	0-n	
PR.24.54			<BatchQuantity>		<j264>		1
PR.24.55			<FreeQuantity>		<j265>		1
PR.24.56			<ClassOfTradeCode>		<j149>		0-1
			<DiscountCoded>				0-n
PR.24.58 ¹⁴					<DiscountCodeType>	<j363>	1
PR.24.59					<DiscountCodeTypeName>	<j378>	0-1
PR.24.60					<DiscountCode>	<j364>	1
PR.24.61			<DiscountPercent>		<j267>		0-1
PR.24.62			<PriceStatus>		<j266>		0-1
PR.24.63			<PriceAmount>		<j151>		1
PR.24.64			<CurrencyCode>		<j152>		0-1
PR.24.65			<CountryCode>		<b251>		0-n
PR.24.65A			<Territory>		<j303>		0-1
PR.24.65B			<CountryExcluded>		<j304>		0-1
PR.24.65C			<TerritoryExcluded>		<j305>		0-1
PR.24.66			<TaxRateCode1>		<j153>		0-1
PR.24.67			<TaxRatePercent1>		<j154>		0-1
PR.24.68			<TaxableAmount1>		<j155>		0-1
PR.24.69			<TaxAmount1>		<j156>		0-1
PR.24.70			<TaxRateCode2>		<j157>		0-1
PR.24.71			<TaxRatePercent2>		<j158>		0-1
PR.24.72			<TaxableAmount2>		<j159>		0-1
PR.24.73			<TaxAmount2>		<j160>		0-1
PR.24.74			<PriceEffectiveFrom>		<j161>		0-1
PR.24.75			<PriceEffectiveUntil>		<j162>		0-1
		<Reissue>				Composite	0-1
PR.24.76			<ReissueDate>		<j365>		1
PR.24.77			<ReissueDescription>		<j366>		0-1
			<Price>			Composite	0-n
		<MediaFile>			Composite	0-n	

¹⁴ PR.24.57 is omitted, since the <DiscountCoded> composite provides an alternative way of sending a BIC Discount Group Code.

PR.25	<MarketRepresentation>					0-n
	<AgentIdentifier>				Composite – see note ¹⁵	0-n
PR.25.1		<AgentIDType>		<j400>		1
PR.25.2		<IDTypeName>		<b233>		0-1
PR.25.3		<IDValue>		<b244>		1
PR.25.4	<AgentName>			<j401>		0-1
PR.25.5	<TelephoneNumber>			<j270>		0-n
PR.25.6	<FaxNumber>			<j271>		0-n
PR.25.7	<EmailAddress>			<j272>		0-n
	<Website>				Composite	0-n
PR.25.8		<WebsiteRole>		<b367>		0-1
PR.25.9		<WebsiteDescription>		<b294>		0-1
PR.25.10		<WebsiteLink>		<b295>		1
PR.25.11	<AgentRole>			<j402>		0-1
PR.25.12	<MarketCountry>			<j403>	See note ¹⁶	0-1
PR.25.13	<MarketTerritory>			<j404>		0-1
PR.25.14	<MarketCountryExcluded>			<j405>		0-1
PR.25.15	<MarketRestrictionDetail>			<j406>		0-1
PR.25.16	<MarketPublishingStatus>			<j407>		0-1
	<MarketDate>				Composite	0-n
PR.25.17		<MarketDateRole>		<j408>		1
PR.25.18		<DateFormat>		<j260>		0-1
PR.25.19		<Date>		<b306>		1

¹⁵ Either <AgentIdentifier> or <AgentName> (or both) must be sent.

¹⁶ Either <MarketCountry> or <MarketTerritory> (or both) must be sent.