EDI*t*EUR

EDItX XML transaction message formats

INVENTORY REPORT FORMAT
Version 1.0, 17 July 2009

The EDItX Inventory Report format is intended to be used by a retailer, distributor or other intermediary (hereafter simply "seller") managing inventory (on consignment or otherwise) on behalf of the publisher or content owner (hereafter simply "publisher"), or by an agent reporting on their behalf, to report inventory levels to the publisher. The format has been derived from the existing EDItX Sales Report format. It is intended that the format be implemented in digital (on a physical carrier such as a CD, or 'online' if the seller has been allocated a finite number of licenses to sell), non-digital or mixed book product supply chains, depending upon local market requirements.

The format allows these reporting options:

1. Current inventory levels (quantities in hand), categorised as being reserved (i.e. allocated to fulfil outstanding orders) or unreserved, may be reported.

2. Minimum and maximum inventory levels during the reporting period may be reported.

3. Quantities on order may be reported, and on-order quantities may be categorised as being reserved or unreserved.

4. Quantities required to meet outstanding orders, but for which current or on-order quantities have not yet allocated, may be reported.

5. Quantities despatched during the reporting period may be reported.

6. Quantities that have been lost or stolen during the reporting period may be reported.

7. Quantities that have been damaged or destroyed during the reporting period may be reported.

8. Quantities that have been moved to another storage / outlet location.

9. Quantities that have been removed from inventory for other reasons may be reported (in which case the reasons must be given in notes).

The XML schema for Version 1.0 of the EDItX Inventory Report format will be found at www.editeur.org.

INVENTORY REPORT

Document name and version

	Inventory Report Version 1.0		<InventoryReport version="1.0">	

Header

	Element	M[1]	InventoryReport.Header.	
1	Inventory report number	M	InventoryReportNumber	
2	The date or date and time at which the report was generated.	M	IssueDateTime	
3	Document references (repeatable)	D	ReferenceCoded	R
	Reference type	M	ReferenceTypeCode	
	Contract reference		*ContractReference*	
	Standing order reference		*StandingOrderReference*	
	Reference	D	ReferenceNumber	
	Reference date YYYYMMDD	D	ReferenceDate	
4	Message function Values: *original, duplicate, test*	M	PurposeCode	
5	Inventory period dates. Unless all individual product lines are dated, the header must contain *either* both report period start and end dates *or* a single report date.	D	DateCoded	R
	Date YYYYMMDD or date-time YYYYMMDDTHHMMSS	M	Date	
	Date qualifier code	M	DateQualifierCode	
	Start date of reporting period		*InventoryPeriodStart*	
	End date of reporting period		*InventoryPeriodEnd*	
	Date for which inventory is reported		*InventoryDate*	

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[1] In the column headed "M", "M" means mandatory, and "D" means dependent.

Header

	Element	M[2]	InventoryReport.Header.	
6	Seller Party. The party whose inventory is reported.	M	SellerParty.	
	Main identifier(*GLN, SAN, VKNR, NBSN, PublishersAccountNumber*)	D	PartyID	
	Additional identifiers (as above plus *BAGNR, TaxRegistrationNumber, VATRegistrationNumber*)	D	AdditionalPartyID	R
	Party name: either Party ID or name or both must be sent.	D	PartyName	
	Address	D	PostalAddress	
	Line of address	M	AddressLine	R
	Communication details	D	CommunicationDetails	R
	Method / type of communication	M	CommunicationTypeCode	
	Fixed phone		*FixedPhone*	
	Mobile phone		*MobilePhone*	
	Fax		*Fax*	
	Email		*Email*	
	Web		*URL*	
	Communication address / locator	M	CommunicationLocator	
	Contacts. Must include a single- or multi-line name in purely presentational form (one or more NameLine elements) or the name of a person in natural order, inverted order (key name first) or structured form. May also include a contact role and contact communication details, if different from those specified for the named Party.	D	ContactPerson	R
	Contact role code. Code list yet to be defined.	D	ContactRoleCode	
	Personal name in natural order	D	PersonName	
	Communication details (see above for structure details)	D	CommunicationDetails	R
	Location, if the seller has multiple stock locations and wishes to indicate the location to which the entire report relates. Must contain one or more location identifiers or a location name or both.	D	Location	
	Location identifier	D	LocationIdentifier	R
	Location name	D	LocationName	
	Country where located. Must be specified when needed for tax purposes.	D	CountryCode	
7	New location party. If any inventory has been transferred to a single new location, the new location must be specified either in the header or on each transferred item, but not both. If inventory has been transferred to more than one location, each new location must be specified at the item level. Same structure as for SellerParty, except that either a Party ID or a PartyName or a Location or any combination of these three must be specified.	D	NewLocationParty	
8	Publisher[3] or content owner to whom the report is being made	M	PublisherParty	
9	Reporting agent[3]. May be the same as either the seller or the buyer.	D	ReportingParty	

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[2] In the column headed "M", "M" means mandatory, and "D" means dependent.
[3] Elements 6, 8 and 9 have the same ID and name/address structure in XML, except that elements 8 and 9 do not include a Location element.

Line item detail

	Element	M	InventoryReport.ItemDetail.	R
1	Line item number: a sequence number starting at 1 in each message.	M	LineNumber	
2	Product code (repeatable, if there is more than one identifier for the same item)	M	ProductID	R
	Product ID type – values *EAN13* (use for a 13-digit ISBN)*, GTIN14, ISBN* (use only for a 10-character ISBN)*, ISMN, SKU, UPC, Seller* (use for a supplier-defined product ID), *Buyer* (use for a customer-defined product ID), *Proprietary* (use for a third-party proprietary scheme, which must be named in the element IDTypeName).	M	ProductIDType	
	Name of proprietary product ID scheme. Mandatory if the scheme is 'Proprietary'.	D	IDTypeName	
	Product number	M	Identifier	
3	Product description (author, title)	D	ItemDescription.TitleDetail	
4	Format. Code values are based on old ONIX epublication type codes, extended to provide a value for Print On Demand – see Table 1. Mandatory only if a single product code applies to multiple digital formats (NOTE – This is a deprecated usage, but retained for backwards compatibility).	D	FormatCode	
5	Inventory quantity. At least one quantity must be reported, and several quantities may be reported, by trading partner agreement.	M	InventoryQuantity	R
	Quantity type – see Table 2	M	QuantityType	
	Unit quantity	M	QuantityValue	
	New inventory location party. Must be included if the quantity type is '*Transferred*' and if no new inventory location party is specified in the Header. Same structure as in Header.	D	NewLocationParty	
	Explanatory note. Must be included if the quantity type is '*RemovedFromInventory*'.	D	QuantityNote	
6	Line item reference number (repeatable). Each reference must include a number, a date or both.	D	ReferenceCoded	R
	Reference type	M	ReferenceType	
	Unique reference number assigned by the sender		R*eportItemReferenceNumber*	
	Contract reference		*ContractReference*	
	Standing order reference		*StandingOrderReference*	
	Reference number	D	ReferenceNumber	
	Reference date YYYYMMDD	D	ReferenceDate	
7	Inventory period dates: Required only if no report period is specified in the header, in which case each line item must contain *either* both report period start and end dates *or* a single report date.	D	DateCoded	R
	Date YYYYMMDD or date-time YYYYMMDDTHHMMSS	M	Date	
	Date qualifier code	M	DateQualifierCode	
	Start date of reporting period		*InventoryPeriodStart*	
	End date of reporting period		*InventoryPeriodEnd*	
	Date for which inventory is reported		*InventoryDate*	

Trailer

	Element	M	InventoryReport.Summary.	
1	Number of line items	M	NumberOfLines	
2	Sum of reported quantities – all lines. All quantity types reported at the line item level must be included in the summary.	D	NumberOfUnits	R
	Quantity type – see Table 2	M	QuantityType	
	Quantity	M	QuantityValue	

Table 1 – List of format code values

Based upon legacy ONIX for Books Epublication Type code list 10.

ONIX List 10 Code Value	EDItX Format Code	Comments
	PrintOnDemand	Added for this format
001	HTML	
025	TXT	ONIX code list 10 Issue 1
002	PDF	
003	PDFMerchant	
004	AdobeEbookReader	
005	MicrosftReaderLevel1-3	
006	MicrosoftReaderLevel5	
007	NetLibrary	
008	MetaText	
009	MightyWords	
010	PalmReader	
011	Softbook	
012	RocketBook	
013	GemstarREB1100	
014	GemstarREB1200	
015	FranklinBookman	
016	Books24x7	
017	DigitalOwl	
018	Handheldmed	
019	WizeUp	
020	TK3	
021	LItraweb	
022	MobiPocket	
023	OpenEbook	
024	GoReader	
024	TownCompass~~DataViewer~~	
026	Exebook	ONIX code list 10 Issue 1
027	SonyBBeB	ONIX code list 10 Issue 6
028	VitaSourceBookshelf	ONIX code list 10 Issue 8
029	AdobeDigitalEditions	ONIX code list 10 Issue 8
030	MyLibrary	ONIX code list 10 Issue 8
031	Kindle	ONIX code list 10 Issue 8
	Ebrary	Not in ONIX code list 10 – added to this format
098	MultipleFormats	ONIX code list 10 Issue 8
099	Other	ONIX code list 10 Issue 7 – Unspecified – other format

Table 2 – List of quantity types

Code value	Description
InHand	Quantity in hand (unreserved or reserved) at end of reporting period
InHandMax	Maximum quantity in hand (unreserved or reserved) during the reporting period
InHandMin	Minimum quantity in hand (unreserved or reserved) during the reporting period
InHandUnreserved	Unreserved quantity in hand at end of reporting period
InHandReserved	Reserved (i.e. allocated to outstanding orders) quantity at end of reporting period
InHandUnreservedMax	Maximum unreserved quantity in hand during the reporting period
InHandReservedMax	Maximum reserved quantity in hand during the reporting period
InHandUnreservedMin	Minimum unreserved quantity in hand during the reporting period
InHandReservedMin	Minimum reserved quantity in hand during the reporting period
OnOrder	Quantity on order (unreserved or reserved) at end of reporting period
OnOrderMax	Maximum quantity on order (unreserved or reserved) during the reporting period
OnOrderMin	Minimum quantity on order (unreserved or reserved) during the reporting period
OnOrderUnreserved	Unreserved quantity on order at end of reporting period
OnOrderReserved	Reserved quantity on order at end of reporting period
OnOrderUnreservedMax	Maximum unreserved quantity on order during the reporting period
OnOrderReservedMax	Maximum reserved quantity on order during the reporting period
OnOrderUnreservedMin	Minimum unreserved quantity on order during the reporting period
OnOrderReservedMin	Minimum reserved quantity on order during the reporting period
OutstandingRequirement	Quantity required to meet outstanding orders at end of reporting period and not yet allocated from inventory
Despatched	Quantity despatched during the reporting period
LostOrStolen	Quantity lost or stolen during the reporting period
DamagedOrDestroyed	Quantity damaged or destroyed during the reporting period
Transferred	Transferred to another location. The new location would usually be specified in an accompanying note.
Returned	Quantity returned under a returns agreement, action unspecified
ReturnedForDestruction	Quantity returned under a returns agreement, for destruction
ReturnedForResale	Quantity returned under a returns agreement, for re-sale
RemovedFromInventory	Quantity removed from inventory for other reasons during the reporting period