



EDItX XML transaction document formats



SHIP NOTICE / DESPATCH ADVICE FORMAT FOR GENERAL BOOK TRADE USE

Version 1.1, March 2007

This document is an outline description of the EDItX Trade Ship Notice ("ASN") transaction format, intended only to give a broad overview of, and an introduction to, the format. The full specification is contained in a navigable HTML *User Guide*.

The EDItX Trade Advance Ship Notice ("ASN") format is intended to be used by a supplier - typically a publisher, publisher's distributor, or wholesaler - to send ship notices (aka despatch advices or delivery notes) to a trade customer - typically a retailer or wholesaler - where delivery is to be made in bulk to a trade warehouse or retail store.

The format allows three possible treatments of an ASN:

- (a) As a list of items shipped, without reference to the packages in which they are sent. In this case, the Package Detail section of the format is not used.
- (b) As a list of items shipped, accompanied by a statement of the number and type of packages, but without any detail of the contents or identification of individual packages. In this case only a limited subset of the Package Detail section is used.
- (c) As a list of items shipped, with details of how they are distributed across individual packages, and with identification of each package by an SSCC-18 code or a carrier's tracking number.

See next page for a list of changes since the previous draft.

We invite user comments on this specification and the associated XML schema, and suggestions for improvement for future releases. In the USA, please send comments by email to the [BISAC Supply Chain EDI Committee](#). In the UK and the rest of the world, please send comments by email to [EDItEUR](#).

Changes from Version 1.0

- General Added a separate column to show whether an element is repeatable.
- Changed Version Number to 1.1 throughout.
- Lines re-numbered throughout to reflect insertions and deletions.
- Added new code values for ship notice references using 'Reference' instead of 'Number'. Code values ending in 'Number' are now deprecated. (The reason for this change is that a reference may be either a number or a date or both.)
- Page 4 Header line 3: element <PackageMarkQualifierCode> renamed <PackageMarkTypeCode> for consistency with general EDItX tag naming conventions.
- Header line 6: new element <CountryCode> added (change requested by the German implementation group to allow for the fact that different prices in the same currency – Euros – may apply in different German-speaking countries because of different tax rates).
- Header lines 8 through 11: party ID type 'EAN' replaced by 'GLN' (this is now the official acronym to be used for EANs when they identify a location or party as opposed to a product).
- Header lines 8 through 11: new element <CountryCode> added to the party composites (requested by European implementation groups, to enable a party's country to be specified for tax-related purposes).
- Header line 8: new party ID type 'VKNR' and new additional party ID types 'VATRegistrationNumber' and 'BAGNR' (applicable also to other Party composites). 'VKNR' and 'BAGNR' are identifiers used in the German book trade.
- Header line 11: added <BillToParty> for consistency with the order and order status report formats.
- Page 5 Header line 12: new element <ShippingFrom> added as a replacement for <ShipFromParty>.
- Header line 13: the <Transport> element has been replaced by a new <Delivery> element. CarrierNameCodeType code values are included for an EDItEUR-defined list, Supplier- or Buyer-defined lists, or for national lists identified by selected ISO two-letter country codes.
- Page 6 Header line 16: new composite <AdditionalService> added (change requested by the Swedish implementation group, since ancillary services are commonly part of book supply from Swedish distributors to retailers).
- Header line 17: composite <Message> has been added.
- Page 7 Item detail line 2: text amended to specify that <ProductID> may be repeated only if there are two or more identifiers of different types for the same item, and to clarify the use of <ProductIDType> codes for ISBN-10s and ISBN-13s.
- Item detail line 2: new product ID types 'Seller', 'Buyer' and 'Proprietary' added.
- Item detail line 2: new element <IDTypeName> added, to further identify a Proprietary scheme.
- Item detail line 4: element renamed <QuantityShipping>.
- Page 8 Item detail line 6: new code values 'TradePriceIncludingTax' and 'TradePriceExcludingTax' added to list used by <PriceQualifierCode>.
- Item detail line 6: new element <CountryCode> added to <Price>.

Item detail line 6: new composite <Tax> added to <Price>.

Item detail line 7: text amended to remove reference to 'SRP'; the price type may vary.

Item detail line 7: composite element <Allowance> replaced by simple data element <DiscountPercentage>.

Item detail line 8: new composite element <DiscountDetail> added (requested by the Norwegian implementation group, since in the Norwegian market orders frequently specify complex discounting arrangements).

Item detail line 9: composite other quantity element replaced by separate elements <OrderQuantity>, <ShippedQuantity>, <BackorderedQuantity> and <CanceledQuantity> for consistency with the order status report format.

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Item detail line 13: element renamed <PackedQuantity>.

Item detail line 14: element <ProductID> made repeatable (see Item detail line 2)

Item detail line 15: new composite <AdditionalService> added.

Item detail line 16: composite <Message> has been added.

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Packaging detail line 1: new composite <PackageTypeCoded> replaces <PackageTypeCode>.

Packaging detail line 2: element renamed <NumberOfPackages>.

Packaging detail line 3: element <PackageMarkQualifierCode> renamed <PackageMarkTypeCode> for consistency with general EDItX tag naming conventions.

Packaging detail line 3: new composite <Measure> added.

SHIP NOTICE / DESPATCH ADVICE

Document name and version

Ship Notice Version 1.1	<AdvanceShipNotice version="1.1">
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Header

Element	M ¹	AdvanceShipNotice.Header.	
1	M	ASNNumber	
2	M	IssueDateTime Document date/time: the date/time when the report was generated. Permitted formats are: YYYYMMDD YYYYMMDDTHHMM YYYYMMDDTHHMMZ (universal time) YYYYMMDDTHHMM±HHMM (time zone) where "T" represents itself, ie letter T	
3	D	PackageMark	
	M	PackageMarkTypeCode SSCC-18 CarrierTrackingNumber	
	M	PackageMarkValue	
4	M	PurposeCode Original Duplicate Test	
5	D	CurrencyCode	
6	D	CountryCode	
7	M	DateCoded	R
	M	Date	
	M	DateQualifierCode Shipped DeliveryDateLatest	
8	M	BuyerParty	R
	M	PartyID	
	D	AdditionalPartyID	
	D	PartyName	
	D	PostalAddress	
	D	CommunicationDetails	R
	D	ContactPerson	R
	D	CountryCode	
9	M	SellerParty	
10	D	ShipToParty	
11	D	BillToParty	

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

² All of elements 8, 9, 10 and 11 have the same ID and name/address structure in XML, except that in ShipToParty a PartyID is not mandatory – see schema for details

Header (continued)

	Element	M	AdvanceShipNotice.Header.	
12	Shipping detail (the warehouse location from which the items are being shipped) Location must contain at least one location identifier or one location name or both. Location identifier Location name	D M D D	ShippingFrom. Location LocationIdentifier LocationName	R
13	Means of delivery Requested delivery time (controlled list of standard values) Use specified vendor delivery service (values defined by vendor) Send by specified carrier. Must include either a coded carrier name or a free-text carrier name or both Coded carrier name Coding scheme type (<i>EDItEUR, Seller, Buyer, DE, GB, SE or US</i>) Carrier name code Free text carrier name Use specified carrier delivery service (values defined by carrier) Free text delivery instruction	D D D D D M M D	Delivery. DeliveryTimeCode VendorDeliveryService Carrier. CarrierNameCoded CarrierNameCodeType CarrierNameCode CarrierName CarrierService DeliveryNotes	
14	Default linear unit: the unit used for linear measurements in the document Values: <i>Centimetre, Millimetre, Inch</i>	D	DefaultLinearUnit	
15	Default weight unit: the unit used for weights in the document Values: <i>Gram, Kilogram, Ounce, Pound</i>	D	DefaultWeightUnit	

Line item detail

	Element	M	AdvanceShipNotice.ItemDetail.	R
1	Line item number	M	LineNumber	
2	Product identifier (may be repeated only if two or more identifiers of different types are sent) Product ID type – values <i>ISBN</i> (use only for a 10-character ISBN), <i>EAN13</i> (use for a 13-digit ISBN), <i>UPC</i> , <i>ISMN</i> , <i>GTIN14</i> , <i>SKU</i> , <i>Seller</i> (use for a supplier-defined product ID), <i>Buyer</i> (use for a customer-defined product ID), <i>Proprietary</i> (use for a third-party proprietary scheme, which must be named in the element IDTypeName). Name of proprietary product ID scheme. Mandatory if the scheme is 'Proprietary'. Product number	M M D M	ProductID. ProductIDType IDTypeName Identifier	R
3	Item description Author/title etc as a single element (not usually sent in trade ASNs) Promotional / POS item flag (used to enable the receiving system to identify items for which stock must not be updated) Measurements / weight Measure type Height (of cover of book) Width (of cover of book) Thickness (of spine of book) Total weight of delivered line Measurement value (decimal number) Measure unit, if other than default	D D D D M D	ItemDescription. TitleDetail ItemCharacteristicCode <i>PromotionalOrPOSItem</i> Measure MeasureTypeCode <i>Height</i> <i>Width</i> <i>Depth</i> <i>TotalGrossWeight</i> MeasurementValue MeasureUnitCode	R R
4	Quantity despatched	M	QuantityShipping	
5	Line item references (repeatable) Reference type Buyer's order reference Buyer's unique order line reference End customer order reference (if item is required by the buyer to meet a specific customer order) Contract reference Promotion or deal reference Seller's representative order reference Reference Reference date YYYYMMDD	D M D D D D	ReferenceCoded. ReferenceTypeCode <i>BuyersOrderReference</i> <i>BuyersOrderLineReference</i> <i>CustomerOrderReference</i> <i>ContractReference</i> <i>PromotionOrDealReference</i> <i>RepOrderReference</i> ReferenceNumber ReferenceDate	R

Line item detail (continued)

	Element	M	AdvanceShipNotice.ItemDetail.	
6	Unit price Price amount Currency: ISO 4217 currency codes Country code: ISO 3166-1 country code. If the currency is legal tender in more than one country, used to indicate the price details are specific to that country Price type Fixed retail price including tax if any ³ : use fixed or suggested retail price (SRP) when the supplier price is calculated by discounting from a retail price Fixed retail price excluding tax if any SRP including tax where applicable SRP excluding tax Unit cost ('net price') including tax: use unit cost when the supplier price is stated as a net price without discount Unit cost ('net price') excluding tax Undiscounted trade price including tax: use trade price when the supplier price is calculated by discounting from a 'trade price' which is not a fixed or suggested retail price. Undiscounted trade price excluding tax Tax Tax type Tax rate code Tax rate percent Taxable amount of unit price (for mixed-rate items only) Tax amount	D M D D M D M D D D D	PricingDetail.Price. MonetaryAmount CurrencyCode CountryCode PriceQualifierCode <i>FixedRPIncludingTax</i> <i>FixedRPExcludingTax</i> <i>SRPIncludingTax</i> <i>SRPExcludingTax</i> <i>UnitCostIncludingTax</i> <i>UnitCostExcludingTax</i> <i>TradePriceIncludingTax</i> <i>TradePriceExcludingTax</i> Tax. TaxTypeCode TaxRateCode Percent AmountTaxable TaxAmount	R
7	Total % discount from price of specified type – decimal number between 0 and 100	D	PricingDetail. DiscountPercentage	
8	Discount detail. May be repeated if the discount is calculated from a number of parts. If all parts of the discount are included, the total discount must also be included above. If not, it is assumed that the recipient will have the ability to calculate the total discount using information held in their systems. Discount coding scheme (<i>Seller, Buyer, AU, DE, GB, NO, SE or US</i>) Discount part Discount type code Discount part expressed as a percentage. May be omitted if the discount is fully specified by the code alone.	D M M M D	PricingDetail.DiscountDetail DiscountCodeType DiscountPart DiscountCode DiscountPercentage	R R
9	Quantity ordered	D	OrderQuantity	
10	Quantity delivered to date	D	ShippedQuantity	
11	Quantity still backordered	D	BackorderedQuantity	
12	Quantity canceled	D	CanceledQuantity	

³ Fixed retail prices apply only in countries where some or all books are subject by law to retail price maintenance, and specifically not in the US and UK.

Packaging Detail

	Element	D	AdvanceShipNotice.PackageDetail.	
1	Package type Scheme from which package type code is taken EDItEUR international package code German book trade package code Norwegian book trade package code Swedish book trade package code UK book trade package code US book trade package code Package type code	M M M	PackageCoded PackageCodeType <i>EDItEUR</i> <i>DE</i> <i>NO</i> <i>SE</i> <i>GB</i> <i>US</i> PackageCode	
2	Number of packages	M	NumberOfPackages	
3	Package description (repeatable) Package number in list, required if package contents (as line items) are linked to the packages in which they are sent Package mark Type of package mark SSCC-18 standard (NVE in Germany) Carrier's proprietary number Package mark value Measurements / weight Measure type Height (of package) Width (of package) Depth (of package) Total weight of package and contents Measurement value (decimal number) Measure unit, if other than default	D D M M M D M M D	Package. PackageNumber PackageMark. PackageMarkTypeCode <i>SSCC-18</i> <i>CarrierTrackingNumber</i> PackageMarkValue Measure. MeasureTypeCode <i>Height</i> <i>Width</i> <i>Depth</i> <i>TotalGrossWeight</i> MeasurementValue MeasureUnitCode	R R

Trailer

	Element	M	AdvanceShipNotice. Summary.	
1	Number of line items	M	NumberOfLines	
2	Total no of books shipped	D	UnitsShipped	