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DRAFT

IMPLEMENTATION GUIDE

TRANSACTION "YARN IN WORK INVENTORY REPORT"

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0. PREMISE

This document contains a proposal for the updating and extension of eBIZ specifications starting from the eBIZ version released as CEN CWA 16667 in 2013. Under the name of 'Draft version' it is reported the result of an extensive work of analysis and consultation aimed at developing and maintaining eBIZ specifications.

In particular, the content of this proposal is the result of various activities, mainly those carried out within the framework of the **eBIZ 4.0 project** funded by the European Commission, call COS-DESIGN-2015-3-06, topic COS-2015-DESIGN-2.

The technical contents are backwards compatible with the latest official published version.

1. BUSINESS DESCRIPTION

1.1 Scope

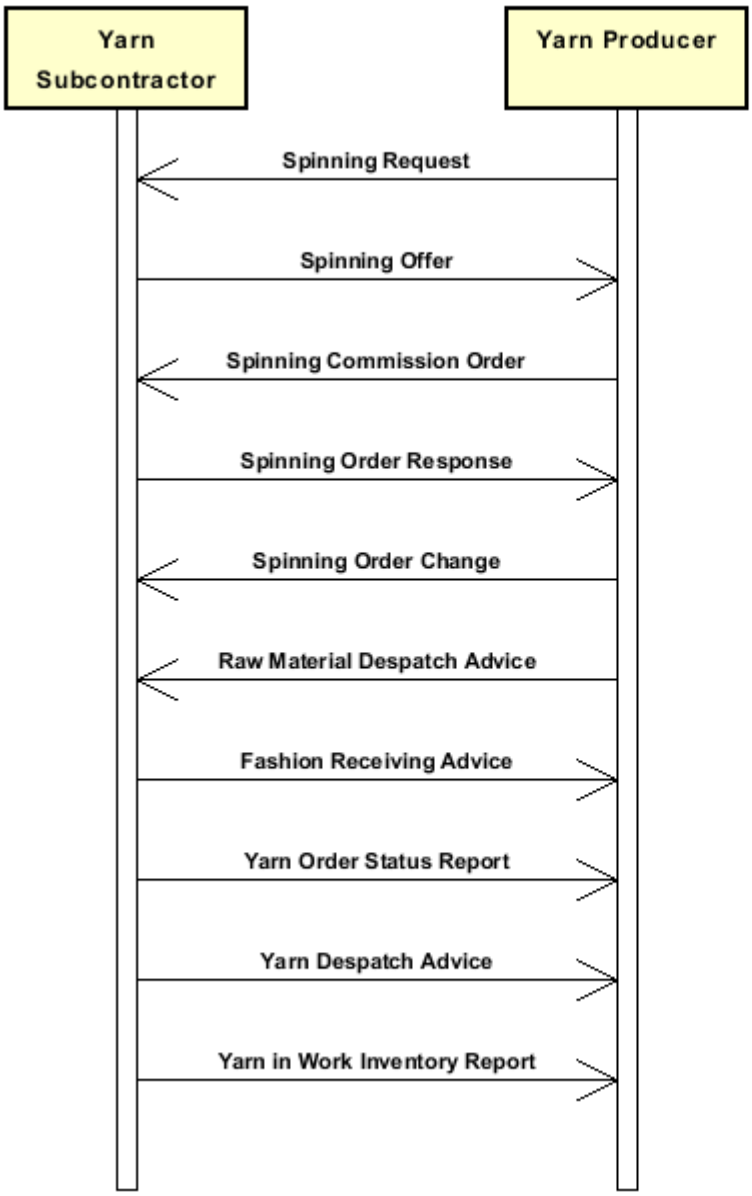
The present guide has been issued to assist the companies of the Textile-Clothing sector in the implementation of the standard XML document type “YARN IN WORK INVENTORY REPORT”, providing all the instruction required for its use in the context of e-commerce in the Textile industry, as shown in the enclosed diagrams.
All the rules required for the construction and validation of the document are embedded into the specific XML-Schema, which is detailed in section "Implementation guide".

1.2 Generalities

The present document can be used by a Subcontractor to inform his Client (Commission issuer), periodically or on demand, about the quantity of pre-works or in-work Yarn items (Client's property) stocked at the Subcontractor's premises.
This inventory may refer to all the goods of one Commission issuer or just to those related to one Commission order; item quantities may be subdivided by type of stock and physical location.

1.3. Possible scenario

Subcontracted spinning of raw material


Yarn Subcontractor
Yarn Producer
Spinning Request
Spinning Offer
Spinning Commission Order
Spinning Order Response
Spinning Order Change
Raw Material Despatch Advice
Fashion Receiving Advice
Yarn Order Status Report
Yarn Despatch Advice
Yarn in Work Inventory Report

2. IMPLEMENTATION GUIDE

2.1 General structure of XML document

All the business data that can be exchanged through this class of documents are shown in the following "document structure", that provides a simplified vision of the Schema.
In particular:
- the two numbers following each element define its "cardinality" (minimum and maximum number of occurrencies); the minimum equal zero indicates that the element is optional, the minimum greater than zero indicates that is mandatory;
- the bold character denotes the complex elements (aggregates of simple elements) that were built for the sake of functionality and re-usability of some complex informations sets. The child elements in each parent element are easily spotted as "indented";
- the symbol "@" denotes an attribute of the preceding element; here "the usage indicator (optional, required, ...) is shown in square brackets.

Structure

YARNWorkInv
@msgfunction [Optional] [Default= OR]
@version [Optional] [Default= draft]
@useProfile [Optional]
| YWIheader 1-1
| | msgN 1-1
- choose -
| | msgID 0-1
- or -
| | docID 0-1
| | *@numberingOrg [Optional]*
- end choose -
| | msgDate 1-1
| | *@dateForm [Optional]*
| | inventoryDate 1-1
| | *@dateForm [Optional]*
| | refDoc 0-9
| | *@docType [Required]*
| | | docID 1-2
| | | *@numberingOrg [Optional]*
| | | docDate 0-1
| | | *@dateForm [Optional]*
| | | season 0-1
| | | *@numberingOrg [Optional]*
| | | *@codeList [Optional]*
| | | *@listName [Optional]*
| | | *@listVersion [Optional]*
| | | itemID 0-1
| | | attachment 0-1
| | | *@uid [Optional]*
| | | | fileName 0-1
| | | | *@numberingOrg [Optional]*
| | | | binaryObject 0-1
| | | | *@format [Optional]*
| | | | *@mime [Optional]*
| | | | *@encoding [Optional]*
| | | | *@characterSet [Optional]*
| | | | externalReference 0-99
| | | | | uri 1-1
| | | | | *@isURL [Optional] [Default= true]*
| | | | | mimeCode 0-1

| | | | | formatCode 0-1
| | | | | encodingCode 0-1
| | | | | characterSetCode 0-1
| | **buyer 1-1**
| | *@logo [Optional]*
| | *@sender [Optional]*
| | | id 1-1
| | | *@numberingOrg [Optional]*
| | | additionalIdentifier 0-9
| | | *@numberingOrg [Optional]*
| | | *@idQualifier [Optional]*
| | | legalName 0-1
| | | dept 0-1
| | | subDept 0-1
| | | person 0-1
| | | *@email [Optional]*
| | | *@phone [Optional]*
| | | *@fax [Optional]*
| | | street 0-1
| | | city 0-1
| | | subCountry 0-1
| | | country 0-1
| | | postCode 0-1
| | **subContractor 1-1**
| | *@sender [Optional]*
| | | id 1-1
| | | *@numberingOrg [Optional]*
| | | legalName 0-1
| | | dept 0-1
| | | subDept 0-1
| | | person 0-1
| | | *@email [Optional]*
| | | *@phone [Optional]*
| | | *@fax [Optional]*
| | | street 0-1
| | | city 0-1
| | | subCountry 0-1
| | | country 0-1
| | | postCode 0-1
| | note 0-99
| | *@numberingOrg [Optional]*
| | *@codeList [Optional]*
| | *@noteLabel [Optional]*

| YWIbody 1-1
| | **YWIitem 1-unbounded**
| | | lineN 1-1
| | | *@VAT [Optional]*
| | | **refDoc 0-1**
| | | *@docType [Required]*
| | | | docID 1-2
| | | | *@numberingOrg [Optional]*
| | | | docDate 0-1
| | | | *@dateForm [Optional]*
| | | | season 0-1
| | | | *@numberingOrg [Optional]*
| | | | *@codeList [Optional]*
| | | | *@listName [Optional]*
| | | | *@listVersion [Optional]*
| | | | itemID 0-1
| | | | **attachment 0-1**

| | | | *@uid [Optional]*
| | | | | fileName 0-1
| | | | | *@numberingOrg [Optional]*
| | | | | binaryObject 0-1
| | | | | *@format [Optional]*
| | | | | *@mime [Optional]*
| | | | | *@encoding [Optional]*
| | | | | *@characterSet [Optional]*
| | | | | externalReference 0-99
| | | | | | uri 1-1
| | | | | | *@isURL [Optional] [Default= true]*
| | | | | | mimeCode 0-1
| | | | | | formatCode 0-1
| | | | | | encodingCode 0-1
| | | | | | characterSetCode 0-1
| | | yarnCode 1-1
| | | *@numberingOrg [Optional] [Default= CL]*
| | | | art 1-1
| | | | *@numberingOrg [Optional]*
| | | | *@codeList [Optional]*
| | | | *@listName [Optional]*
| | | | *@listVersion [Optional]*
| | | | color 0-1
| | | | *@numberingOrg [Optional]*
| | | | *@codeList [Optional]*
| | | | *@listName [Optional]*
| | | | *@listVersion [Optional]*
| | | | added 0-9
| | | | *@numberingOrg [Optional]*
| | | | *@addType [Optional]*
| | | | description 0-unbounded
| | | | *@ln [Optional]*
| | | lotN 0-9
| | | *@numberingOrg [Optional]*
| | | dyeN 0-9
| | | *@numberingOrg [Optional]*
| | | inventory 1-9
| | | *@invType [Required]*
| | | | qty 1-2
| | | | *@um [Required]*
| | | | location 0-1
| | | | *@LRI [Optional]*
- choose -
| | | | serialN 0-unbounded
| | | | *@numberingOrg [Optional]*
| | | | *@idQualifier [Optional]*
- or -
| | | | itemsList 0-1
| | | | | qualityLevel 0-1
| | | | | *@numberingOrg [Optional]*
| | | | | *@codeList [Optional]*
| | | | | *@listName [Optional]*
| | | | | *@listVersion [Optional]*
| | | | | itemIdentification 1-unbounded
| | | | | | serialN 1-9
| | | | | | *@numberingOrg [Optional]*
| | | | | | *@idQualifier [Optional]*
- end choose -
| | | | actualPackageUnit 0-unbounded
| | | | *@packageLevel [Optional]*
| | | | | packageIdentification 1-1

| | | | | | packageN 1-1
| | | | | | *@numberingOrg [Optional]*
| | | | | | *@packageContainerN [Optional]*
| | | | | | serialN 0-9
| | | | | | *@numberingOrg [Optional]*
| | | | | | *@idQualifier [Optional]*
- choose -
| | | | | packageText 0-1
- or -
| | | | | package 0-1
- end choose -
| | | | | packageModelCode 0-1
| | | | | *@numberingOrg [Optional]*
| | | | | volume 0-1
| | | | | *@um [Required]*
| | | | | netWeight 0-1
| | | | | *@um [Required]*
| | | | | grossWeight 0-1
| | | | | *@um [Required]*
| | | | | packageDim 0-1
| | | | | | length 1-1
| | | | | | *@um [Required]*
| | | | | | width 0-1
| | | | | | *@um [Required]*
| | | | | | height 0-1
| | | | | | *@um [Required]*
| | | | | actualItemsPerPackage 0-1
| | | | | packagesList 0-1
| | | | | | packageIdentification 1-unbounded
| | | | | | | packageN 1-1
| | | | | | | *@numberingOrg [Optional]*
| | | | | | | *@packageContainerN [Optional]*
| | | | | | | serialN 0-9
| | | | | | | *@numberingOrg [Optional]*
| | | | | | | *@idQualifier [Optional]*
| | | | | itemsList 0-1
| | | | | | qualityLevel 0-1
| | | | | | *@numberingOrg [Optional]*
| | | | | | *@codeList [Optional]*
| | | | | | *@listName [Optional]*
| | | | | | *@listVersion [Optional]*
| | | | | | itemIdentification 1-unbounded
| | | | | | | serialN 1-9
| | | | | | | *@numberingOrg [Optional]*
| | | | | | | *@idQualifier [Optional]*
| | | | | note 0-99
| | | | | *@numberingOrg [Optional]*
| | | | | *@codeList [Optional]*
| | | | | *@noteLabel [Optional]*
| | | | EPClist 0-1
| | | | | EPC 1-unbounded
| | | | | *@numberingOrg [Optional]*
| | | | | *@TID [Optional]*
| | | note 0-99
| | | *@numberingOrg [Optional]*
| | | *@codeList [Optional]*
| | | *@noteLabel [Optional]*

2.2 Detailed description of document elements

Following tables show all elements (complex and simple) used in this document. Description includes: 1) element's information: xml tag, name, brief description, data type and sintax constraints; 2) information about use of the element in a particular position in the document: xpath and possible associated notes.

2.2.1 Complex elements (Aggregate Business Information Entities)

Complex elements are those elements whose content is composed of other elements (childs).Complex elements are alphabetically ordered.

actualPackageUnit	description and identification of a single transport package (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit) 0-unbounded
attachment	an attached document. An attachment can refer to an external document or be included with the document being exchanged (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/attachment) 0-1 (XPath YARNWorkInv/YWIheader/refDoc/attachment) 0-1
buyer	details of the Buyer (party that buys the good or service that is object of the current collaborative process) - base type: Nad, (XPath YARNWorkInv/YWIheader/buyer) 1-1
EPClist	list of identifiers used for tracing a physical item with RFID technology (XPath YARNWorkInv/YWIbody/YWIitem/inventory/EPClist) 0-1 - note: *DEPRECATED, use serialN or itemsList*
externalReference	details about an external object, such as a document stored at a remote location (XPath YARNWorkInv/YWIheader/refDoc/attachment/externalReference) 0-99 (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/attachment/externalReference) 0-99
inventory	details of a stock of goods with reference to the manufacturing process: item quantity per class of stock (XPath YARNWorkInv/YWIbody/YWIitem/inventory) 1-9
itemIdentification	serial identification of a product unit (XPath YARNWorkInv/YWIbody/YWIitem/inventory/itemsList/itemIdentification) 1-unbounded - note: *identification of the single product unit contained in the list* (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/itemsList/itemIdentification) 1-unbounded - note: *identification of the single product unit contained in the list*
itemsList	list of the single product units (XPath YARNWorkInv/YWIbody/YWIitem/inventory/itemsList) 0-1 - note: *Use this element when reporting serial numbers referring to different coding methods for the same article* (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/itemsList) 0-1
packageDim	dimensions of a transport package (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packageDim) 0-1
packageIdentification	serial identification of a package

	(XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packageIdentification) 1-1 (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packagesList/packageIdentification) 1-unbounded - note: *identification of the single package contained in the list*
packagesList	list of single packages (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packagesList) 0-1 - note: *list of packages contained within the actual package (thus with lower level). All the packages in the list should preferably have the same level.*
refDoc	identification of a document and of an item thereof, to which the message makes reference (XPath YARNWorkInv/YWIheader/refDoc) 0-9 (XPath YARNWorkInv/YWIbody/YWIitem/refDoc) 0-1 - note: *through this element the inventory data can be referred to a specific Commission order*
subContractor	details of the Sub-contractor - base type: Nad, (XPath YARNWorkInv/YWIheader/subContractor) 1-1
yarnCode	full codification of a yarn product (XPath YARNWorkInv/YWIbody/YWIitem/yarnCode) 1-1
YWIbody	body of the document YARN IN WORK INVENTORY REPORT (XPath YARNWorkInv/YWIbody) 1-1
YWIheader	header of the document YARN IN WORK INVENTORY REPORT (XPath YARNWorkInv/YWIheader) 1-1
YWIitem	line item of the document YARN IN WORK INVENTORY REPORT (XPath YARNWorkInv/YWIbody/YWIitem) 1-unbounded

2.2.2 Simple elements (Basic Business Information Entities)

Simple elements are those elements whose content is characterized by a data type plus a domain of possible values. Simple elements are alphabetically ordered.

actualItemsPerPackage	the quantity of items actually contained in the package - base type: decimal, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/actualItemsPerPackage) 0-1
added	additional code of the product (complementing the formers) - base type: string, max length: 80, (XPath YARNWorkInv/YWIbody/YWIitem/yarnCode/added) 0-9 - note: *here an additional codification (see table T44) can be specified*
additionalIdentifier	additional identification code of a Party, for example customs registries or others - base type: string, max length: 15, (XPath YARNWorkInv/YWIheader/buyer/additionalIdentifier) 0-9 - note: *identifiers for example for exports, such as MID (Manufacturer Identification Code), EORI (E.O.R.I. - Economic Operator Registration and Identification)*

@addType	qualifier of the additional coding of a product - base type: string, cod. table: T44 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T44.xml* (XPath YARNWorkInv/YWIbody/YWIitem/yarnCode/added/@addType) [Optional] - nota: *addType allows the clarification of the meaning of the added element content; it is strongly suggested to use it always.*
art	article number of the product - base type: string, max length: 80, (XPath YARNWorkInv/YWIbody/YWIitem/yarnCode/art) 1-1
binaryObject	a binary large object containing an attached document - base type: base64Binary, (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/attachment/binaryObject) 0-1 (XPath YARNWorkInv/YWIheader/refDoc/attachment/binaryObject) 0-1
@characterSet	the character set of the binary object if the mime type is text - base type: normalizedString, (XPath YARNWorkInv/YWIheader/refDoc/attachment/ binaryObject/@characterSet) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/attachment/ binaryObject/@characterSet) [Optional]
characterSetCode	the character set of an external document - base type: normalizedString, (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/attachment/ externalReference/characterSetCode) 0-1 (XPath YARNWorkInv/YWIheader/refDoc/attachment/ externalReference/characterSetCode) 0-1
city	name of the city (town, village) - base type: string, max length: 40, (XPath YARNWorkInv/YWIheader/subContractor/city) 0-1 (XPath YARNWorkInv/YWIheader/buyer/city) 0-1
@codeList	it specifies the URL where the list of codes used to make an instance of the element can be found - base type: string, max length: 255, (XPath YARNWorkInv/YWIheader/refDoc/season/@codeList) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"* (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"* (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/itemsList/qualityLevel/@codeList) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/season/@codeList) [Optional] (XPath YARNWorkInv/YWIheader/note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"* (XPath YARNWorkInv/YWIbody/YWIitem/yarnCode/art/@codeList) [Optional] - nota: *this attribute should be ALTERNATIVE to the others* (XPath YARNWorkInv/YWIbody/YWIitem/yarnCode/color/@codeList) [Optional] - nota: *this attribute could be used as alternative to the others* (XPath YARNWorkInv/YWIbody/YWIitem/inventory/itemsList/ qualityLevel/@codeList) [Optional]
color	colour number of the product, when not included in the model or fabric code - base type: string, max length: 15, (XPath YARNWorkInv/YWIbody/YWIitem/yarnCode/color) 0-1
country	code of the nation - base type: string, cod. table: T10 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml* (XPath YARNWorkInv/YWIheader/subContractor/country) 0-1 (XPath YARNWorkInv/YWIheader/buyer/country) 0-1

@dateForm	format used for the date - base type: string, cod. table: NT29 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml* (XPath YARNWorkInv/YWIheader/msgDate/@dateForm) [Optional] (XPath YARNWorkInv/YWIheader/refDoc/docDate/@dateForm) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/docDate/@dateForm) [Optional] (XPath YARNWorkInv/YWIheader/inventoryDate/@dateForm) [Optional]
dept	name or code of a contact department within a Party - base type: string, max length: 40, (XPath YARNWorkInv/YWIheader/buyer/dept) 0-1 (XPath YARNWorkInv/YWIheader/subContractor/dept) 0-1
description	free text description. The content of the element must be unique, it might be translated and repeated into more languages (thus no more than one instan ce for each language). - base type: string, max length: 250, (XPath YARNWorkInv/YWIbody/YWIitem/yarnCode/description) 0-unbounded - note: *Product description*
docDate	date of issue of the referenced document, according to one of the patterns Y YYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath YARNWorkInv/YWIheader/refDoc/docDate) 0-1 (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/docDate) 0-1
docID	identification number of the referenced document SINCE 2008-1 ITS USE I N THE HEADER IS DISCOURAGED (REPLACED BY msgID) - base type: string, max length: 80, (XPath YARNWorkInv/YWIheader/docID) 0-1 (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/docID) 1-2 (XPath YARNWorkInv/YWIheader/refDoc/docID) 1-2
@docType	type or class to which the referenced document belongs - base type: string, cod. table: T21 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml* (XPath YARNWorkInv/YWIheader/refDoc/@docType) [Required] (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/@docType) [Required]
dyeN	number of the dying batch of a textile product - base type: string, max length: 15, (XPath YARNWorkInv/YWIbody/YWIitem/dyeN) 0-9
@email	electronic mail address of the contact person within a Party - base type: string, max length: 250, (XPath YARNWorkInv/YWIheader/subContractor/person/@email) [Optional] (XPath YARNWorkInv/YWIheader/buyer/person/@email) [Optional]
@encoding	specifies the decoding algorithm of the binary object - base type: normalizedString, (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/attachment/ binaryObject/@encoding) [Optional] (XPath YARNWorkInv/YWIheader/refDoc/attachment/ binaryObject/@encoding) [Optional]
encodingCode	the encoding/decoding algorithm used with the external object - base type: normalizedString, (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/attachment/ externalReference/encodingCode) 0-1 (XPath YARNWorkInv/YWIheader/refDoc/attachment/ externalReference/encodingCode) 0-1
EPC	serial identifier used for tracing a physical item with RFID technology - base type: string, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/EPClist/EPC) 1-unbounded

@fax	fax number of the contact person within a Party - base type: string, max length: 35, (XPath YARNWorkInv/YWIheader/buyer/person/@fax) [Optional] (XPath YARNWorkInv/YWIheader/subContractor/person/@fax) [Optional]
fileName	unique identifier (name) of the file - base type: string, max length: 255, (XPath YARNWorkInv/YWIheader/refDoc/attachment/fileName) 0-1 (XPath YARNWorkInv/YWIbody/YWItem/refDoc/attachment/fileName) 0-1
@format	the format of the binary content - base type: string, (XPath YARNWorkInv/YWIheader/refDoc/attachment/ binaryObject/@format) [Optional] (XPath YARNWorkInv/YWIbody/YWItem/refDoc/attachment/ binaryObject/@format) [Optional]
formatCode	the format of the external object - base type: normalizedString, (XPath YARNWorkInv/YWIbody/YWItem/refDoc/attachment/ externalReference/formatCode) 0-1 (XPath YARNWorkInv/YWIheader/refDoc/attachment/ externalReference/formatCode) 0-1
grossWeight	the gross weight, declared for transport or customs purpose - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath YARNWorkInv/YWIbody/YWItem/inventory/actualPackageUnit/grossWeight) 0-1
height	effective height of a specified object - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath YARNWorkInv/YWIbody/YWItem/inventory/actualPackageUnit/packageDim/ height) 0-1
id	primary identification code of a Party; it is recommended the format: nation c ode (ISO 3166) + VAT identification number (11 crt), with the qualifier "num beringOrg"= MF - base type: string, max length: 15, (XPath YARNWorkInv/YWIheader/subContractor/id) 1-1 (XPath YARNWorkInv/YWIheader/buyer/id) 1-1
@idQualifier	Qualification of the identifier. - base type: string, (XPath YARNWorkInv/YWIbody/YWItem/inventory/actualPackageUnit/packagesList /packageIdentification/serialN/@idQualifier) [Optional] - nota: *this attribute should be used when the numberingOrg attribute is not enough to declare the type of serial identifier* (XPath YARNWorkInv/YWIbody/YWItem/inventory/itemsList/ itemIdentification/serialN/@idQualifier) [Optional] - nota: *this attribute should be used when the numberingOrg attribute is not enough to declare the type of serial identifier* (XPath YARNWorkInv/YWIheader/buyer/additionalIdentifier/@idQualifier) [Optional] - nota: *this attribute should be used when the numberingOrg attribute is not enough to declare the type of identifier* (XPath YARNWorkInv/YWIbody/YWItem/inventory/actualPackageUnit/itemsList/ite mIdentification/serialN/@idQualifier) [Optional] - nota: *this attribute should be used when the numberingOrg attribute is not enough to declare the type of serial identifier* (XPath YARNWorkInv/YWIbody/YWItem/inventory/serialN/@idQualifier) [Optional] - nota: *this attribute should be used when the numberingOrg attribute is not enough to declare the type of serial identifier*

	(XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packageIdentification/serialN/@idQualifier) [Optional] - nota: *this attribute should be used when the numberingOrg attribute is not enough to declare the type of serial identifier*
inventoryDate	date in which the inventory was done, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath YARNWorkInv/YWIheader/inventoryDate) 1-1
@invType	code classifying a stock of goods with reference to the manufacturing process - base type: string, cod. table: T47 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T47.xml* (XPath YARNWorkInv/YWIbody/YWIitem/inventory/@invType) [Required]
@isURL	it indicates if the referred element is an URL (true) or not (false) - base type: boolean, (XPath YARNWorkInv/YWIheader/refDoc/attachment/externalReference/uri/@isURL) [Optional] [Default= true] - nota: *usage of URLs is recommended* (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/attachment/externalReference/uri/@isURL) [Optional] [Default= true] - nota: *usage of URLs is recommended*
itemID	number of the line/item of the referenced document - base type: string, max length: 6, (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/itemID) 0-1 (XPath YARNWorkInv/YWIheader/refDoc/itemID) 0-1
legalName	legal name of a Party - base type: string, max length: 250, (XPath YARNWorkInv/YWIheader/buyer/legalName) 0-1 (XPath YARNWorkInv/YWIheader/subContractor/legalName) 0-1
length	effective length of a specified object - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packageDim/length) 1-1 - note: *here the maximum dimension must also be specified*
lineN	number of the line item of the present message (xml document); it is set by the role that produces the document. Usually it is a progressive number, but not always. - base type: positiveInteger, min inclusive: 1, max inclusive: 9999, (XPath YARNWorkInv/YWIbody/YWIitem/lineN) 1-1
@listName	the name of the list of codes used to make an instance of the element (it might be thought as descriptive element, i.e. 'fabric printing technologies', or not, i.e. "T264") - base type: string, max length: 40, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/itemsList/qualityLevel/@listName) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/yarnCode/art/@listName) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg"* (XPath YARNWorkInv/YWIheader/refDoc/season/@listName) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/season/@listName) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/inventory/itemsList/qualityLevel/@listName) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/yarnCode/color/@listName) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg"*

@listVersion	it specifie the version of the list of codes used to make an instance of the ele ment - base type: string, max length: 6, (XPath YARNWorkInv/YWIbody/YWItem/inventory/itemsList/ qualityLevel/@listVersion) [Optional] (XPath YARNWorkInv/YWIbody/YWItem/inventory/actualPackageUnit/itemsList/qua lityLevel/@listVersion) [Optional] (XPath YARNWorkInv/YWIbody/YWItem/yarnCode/color/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" an d "listName"* (XPath YARNWorkInv/YWIbody/YWItem/yarnCode/art/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" an d "listName"* (XPath YARNWorkInv/YWIbody/YWItem/refDoc/season/@listVersion) [Optional] (XPath YARNWorkInv/YWIheader/refDoc/season/@listVersion) [Optional]
@ln	Language code. - base type: string, (XPath YARNWorkInv/YWIbody/YWItem/yarnCode/description/@ln) [Optional]
location	specification of a location - base type: string, max length: 40, (XPath YARNWorkInv/YWIbody/YWItem/inventory/location) 0-1
@logo	company logo (URL of the image jpeg or gif). It is recommended that the wi dth of the image does not exceed 640 pixel. - base type: string, max length: 255, (XPath YARNWorkInv/YWIheader/buyer/@logo) [Optional]
lotN	lot number of a product or batch number of the raw material - base type: string, max length: 15, (XPath YARNWorkInv/YWIbody/YWItem/lotN) 0-9
@LRI	attribute usable to format a string according to a customized User rule (local rule) - base type: string, cod. table: NT3 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT3.xml* (XPath YARNWorkInv/YWIbody/YWItem/inventory/location/@LRI) [Optional]
@mime	the mime type of the binary object - base type: normalizedString, (XPath YARNWorkInv/YWIbody/YWItem/refDoc/attachment/ binaryObject/@mime) [Optional] (XPath YARNWorkInv/YWIheader/refDoc/attachment/ binaryObject/@mime) [Optional]
mimeCode	mime type of the external object - base type: normalizedString, (XPath YARNWorkInv/YWIheader/refDoc/attachment/ externalReference/mimeCode) 0-1 (XPath YARNWorkInv/YWIbody/YWItem/refDoc/attachment/ externalReference/mimeCode) 0-1
msgDate	date of issue of the present message (xml document), according to one of th e patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath YARNWorkInv/YWIheader/msgDate) 1-1
@msgfunction	function performed by the present message with regards to the transmission - base type: string, cod. table: NT18 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT18.xml* (XPath YARNWorkInv/@msgfunction) [Optional] [Default= OR]
msgID	key identifier of the business document in the information system of the issui ng Party. In case of more despatches of the same business document, it is

	unchanged. - base type: string, max length: 35, (XPath YARNWorkInv/YWIheader/msgID) 0-1
msgN	identification number given to the message (xml document) by its issuer. In case of more despatches of the same business document, it changes. - base type: string, max length: 35, (XPath YARNWorkInv/YWIheader/msgN) 1-1
netWeight	the net weight declared for transport or customs purpose - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/netWeight) 0-1
note	free text or structured (computer processing) note. For note structuring use t he attributes "noteLabel" and "codelist" - base type: string, max length: 350, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/note) 0-99 (XPath YARNWorkInv/YWIbody/YWIitem/note) 0-99 (XPath YARNWorkInv/YWIheader/note) 0-99
@noteLabel	subject qualifier of a note - base type: string, max length: 35, (XPath YARNWorkInv/YWIheader/note/@noteLabel) [Optional] - nota: *must be used to qualify the subject of the note* (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/note/@noteLabel) [Optional] - nota: *must be used to qualify the subject of the note* (XPath YARNWorkInv/YWIbody/YWIitem/note/@noteLabel) [Optional] - nota: *must be used to qualify the subject of the note*
@numberingOrg	code specifying the organisation who has created or owns the coding or nu mbering system - base type: string, cod. table: NT6 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml* (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packagesList/packageIdentification/serialN/@numberingOrg) [Optional] - nota: *here the issuer of the serial number must be specified (when differen t from the Supplier)* (XPath YARNWorkInv/YWIbody/YWIitem/inventory/itemsList/qualityLevel/@numberingOrg) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packageIdent ification/packageN/@numberingOrg) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/note/@numb eringOrg) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packageIdent ification/serialN/@numberingOrg) [Optional] - nota: *here the issuer of the serial number must be specified (when differen t from the Supplier)* (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packageMod elCode/@numberingOrg) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/note/@numberingOrg) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/itemsList/qua lityLevel/@numberingOrg) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/inventory/itemsList/itemIdentification/serialN/@numberingOrg) [Optional]

	- nota: *here the issuer of the serial number must be specified (when differen t from the Supplier)* (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/itemsList/ite mIdentification/serialN/@numberingOrg) [Optional] - nota: *here the issuer of the serial number must be specified (when differen t from the Supplier)* (XPath YARNWorkInv/YWIbody/YWIitem/inventory/EPClist/EPC/@numberingOrg) [Optional] (XPath YARNWorkInv/YWIheader/docID/@numberingOrg) [Optional] - nota: *here can be specified whose document numbering is used (e.g.: Clie nt, Supplier, ..)* (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packagesList /packageIdentification/packageN/@numberingOrg) [Optional] (XPath YARNWorkInv/YWIheader/refDoc/attachment/fileName/@numberingOrg) [O ptional] (XPath YARNWorkInv/YWIheader/refDoc/season/@numberingOrg) [Optional] (XPath YARNWorkInv/YWIheader/buyer/id/@numberingOrg) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/yarnCode/art/@numberingOrg) [Optional] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"* (XPath YARNWorkInv/YWIbody/YWIitem/yarnCode/@numberingOrg) [Optional] [Def ault= CL] (XPath YARNWorkInv/YWIheader/buyer/additionalIdentifier/@numberingOrg) [Optio nal] - nota: *here the issuer of the identifier must be specified* (XPath YARNWorkInv/YWIheader/note/@numberingOrg) [Optional] (XPath YARNWorkInv/YWIheader/subContractor/id/@numberingOrg) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/docID/@numberingOrg) [Optional] - nota: *here can be specified whose document numbering is used (e.g.: Clie nt, Supplier, ..)* (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/attachment/ fileName/@numberingOrg) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/season/@numberingOrg) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/yarnCode/color/@numberingOrg) [Optiona l] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"* (XPath YARNWorkInv/YWIheader/refDoc/docID/@numberingOrg) [Optional] - nota: *here can be specified whose document numbering is used (e.g.: Clie nt, Supplier, ..)* (XPath YARNWorkInv/YWIbody/YWIitem/yarnCode/added/@numberingOrg) [Option al] (XPath YARNWorkInv/YWIbody/YWIitem/inventory/serialN/@numberingOrg) [Option al] - nota: *here the issuer of the serial number must be specified (when differen t from the Supplier)* (XPath YARNWorkInv/YWIbody/YWIitem/dyeN/@numberingOrg) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/lotN/@numberingOrg) [Optional]
package	code specifying the type of transport package - base type: string, cod. table: T11 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T11.xml* (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/package) 0-1
@packageContainerN	reference usable to indicate the outer package containing this package - base type: string, max length: 40, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packageIdent ification/packageN/@packageContainerN) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packagesList /packageIdentification/packageN/@packageContainerN) [Optional]

@packageLevel	level used to indicate the hierarchical structure of the packages (from outer t o inner levels) - base type: positiveInteger, min inclusive: 1, max inclusive: 9, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/@packageLe vel) [Optional]
packageModelCode	a code (eg a barcode) identifing the type of packaging - base type: string, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packageMod elCode) 0-1
packageN	serial number used to identify a transport package - base type: string, max length: 40, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packageIdent ification/packageN) 1-1 (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packagesList /packageIdentification/packageN) 1-1
packageText	denomination of the type of transport package (text) - base type: string, max length: 80, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packageText) 0-1
person	name of the contact person within a Party - base type: string, max length: 40, (XPath YARNWorkInv/YWIheader/subContractor/person) 0-1 (XPath YARNWorkInv/YWIheader/buyer/person) 0-1
@phone	phone number of the contact person within a Party - base type: string, max length: 35, (XPath YARNWorkInv/YWIheader/subContractor/person/@phone) [Optional] (XPath YARNWorkInv/YWIheader/buyer/person/@phone) [Optional]
postCode	code defining the postal zone - base type: string, max length: 10, (XPath YARNWorkInv/YWIheader/buyer/postCode) 0-1 (XPath YARNWorkInv/YWIheader/subContractor/postCode) 0-1
qty	net quantity of the article or object correlated, qualified by the function of the document (ordering, delivering, ..) and by the context - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/qty) 1-2 **AAAA-WARNING! - text not AVAILABLE n. 245 - In=en**
qualityLevel	the product quality level (first choice, second choice,…). - base type: string, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/itemsList/qualityLevel) 0-1 (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/itemsList/qua lityLevel) 0-1
season	sale season; defined as: season (1 crt) + year (4 crt) - season: S/S=1 A/W= 2 Spring=3 Summer=4 Autumn=5 Winter=6: for more than four seasons use alphabetic sequence: 1st season=A 2nd season=B etc.etc. - base type: string, max length: 15, (XPath YARNWorkInv/YWIheader/refDoc/season) 0-1 - note: *here indicates the season to which the referenced document belongs* (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/season) 0-1 - note: *here indicates the season to which the referenced document belongs*

@sender	qualifier that specifies the Party issuing of the document - base type: boolean, (XPath YARNWorkInv/YWIheader/buyer/@sender) [Optional] - nota: *This attibute is mandatory when the STYLESHEET must be used* (XPath YARNWorkInv/YWIheader/subContractor/@sender) [Optional] - nota: *This attibute is mandatory when the STYLESHEET must be used*
serialN	serial number used for the identification of a physical unit - base type: string, max length: 250, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packagesList/packageIdentification/serialN) 0-9 - note: *multiple values of serialN are allowed in order to provide different representations of the serial identifier of the same package unit. Different instances of serialN must differ at least for one value of idQualifier or numberingOrg* (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packageIdentification/serialN) 0-9 - note: *multiple values of serialN are allowed in order to provide different representations of the serial identifier of the same package unit. Different instances of serialN must differ at least for one value of idQualifier or numberingOrg* (XPath YARNWorkInv/YWIbody/YWIitem/inventory/itemsList/itemIdentification/serialN) 1-9 --- **AAAA-WARNING! - text not AVAILABLE n. 245 - In=en** **- note:** ***multiple values of serialN are allowed for different representations of the serial identifier of the same product unit. Instances of serialN must differ at least for one value of numberingOrg and idQualifier.*** **(XPath YARNWorkInv/YWIbody/YWIitem/inventory/serialN) 0-unbounded** **- note:** ***Use this element if the coding method is only one and is the same for each article*** **(XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/itemsList/itemIdentification/serialN) 1-9** --- **AAAA-WARNING! - text not AVAILABLE n. 245 - In=en** **- note:** ***multiple values of serialN are allowed for different representations of the serial identifier of the same product unit. Instances of serialN must differ at least for one value of numberingOrg and idQualifier.***
street	street and building number identifying a location - base type: string, max length: 80, (XPath YARNWorkInv/YWIheader/subContractor/street) 0-1 (XPath YARNWorkInv/YWIheader/buyer/street) 0-1
subCountry	short name or code of the sub-country entity - base type: string, max length: 9, (XPath YARNWorkInv/YWIheader/buyer/subCountry) 0-1 (XPath YARNWorkInv/YWIheader/subContractor/subCountry) 0-1
subDept	name or code of a contact department within a Party - base type: string, max length: 40, (XPath YARNWorkInv/YWIheader/subContractor/subDept) 0-1 (XPath YARNWorkInv/YWIheader/buyer/subDept) 0-1
@TID	serial number wired into the RFID chip - base type: string, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/EPClist/EPC/@TID) [Optional]
@uid	unique element identifier within the xml document - base type: string, (XPath YARNWorkInv/YWIheader/refDoc/attachment/@uid) [Optional] (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/attachment/@uid) [Optional]
@um	specification of the unit of measure - base type: string, cod. table: NT7 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT7.xml*

	(XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/grossWeight/@um) [Required] (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packageDim/length/@um) [Required] (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/netWeight/@um) [Required] (XPath YARNWorkInv/YWIbody/YWIitem/inventory/qty/@um) [Required] (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/volume/@um) [Required] (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packageDim/height/@um) [Required] (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packageDim/width/@um) [Required]
uri	Uniform Resource Identifier (URI) that identifies the external object as an Internet resource - base type: normalizedString, (XPath YARNWorkInv/YWIbody/YWIitem/refDoc/attachment/externalReference/uri) 1-1 (XPath YARNWorkInv/YWIheader/refDoc/attachment/externalReference/uri) 1-1
@useProfile	use profile to which the present document if compliant if it was agreed by the parties. It is suggested a URI with reference to the firms or the URL of the profile. - base type: string, (XPath YARNWorkInv/@useProfile) [Optional]
@VAT	VAT rate or code (DEPRECATED, use dtScheme element) - base type: string, cod. table: NT16 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT16.xml* (XPath YARNWorkInv/YWIbody/YWIitem/lineN/@VAT) [Optional] - nota: *Deprecated, prefer dtScheme when available.*
@version	Dictionary version from which the instance has been created - base type: string, cod. table: NT100 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT100.xml* (XPath YARNWorkInv/@version) [Optional] [Default= draft]
volume	effective volume of a specified object - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/volume) 0-1
width	effective width of a specified object - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/packageDim/width) 0-1

2.3 Suggested best practices

YARNWorkInv/YWIbody/YWIitem/inventory/qty (net quantity of the article or object correlated, qualified by the function of the document (ordering, delivering, ..) and by the context)

this element can have two instances only if the units of measure are different

YARNWorkInv/YWIbody/YWIitem/inventory/itemsList/
itemIdentification/serialN (serial number used for the identification of a physical unit)

in the case of garment with RFID for anti-counterfeiting, RFID EPCGlobal for logistics and NFC for the customer experience there should be three serial elements with pairs of attributes numberingOrg/idQualifier: "CL"/"RFID", "GS1"/"RFID", "CL"/"NFC".

YARNWorkInv/YWIbody/YWIitem/inventory/actualPackageUnit/itemsList/itemIdentification/serialN (serial number used for the identification of a physical unit)

in the case of garment with RFID for anti-counterfeiting, RFID EPCGlobal for logistics and NFC for the customer experience there should be three serial elements with pairs of attributes numberingOrg/idQualifier: "CL"/"RFID", "GS1"/"RFID", "CL"/"NFC".

2.4 Enumeration tables

List of enumeration tables used in the XML document. You can find the corresponding codes at: http://www.ebiz-tcf.eu/moda-ml/imple/moda-ml-draft.asp?lingua=en&pag=6

NT100 - eBIZ TCFUpstream version
NT16 - VAT rate or code
NT18 - message function
NT29 - format of a date
NT3 - data format
NT6 - coding system owner/issuer
NT7 - unit of measure
T10 - ISO3166 - Country
T11 - transport package type
T21 - type of document
T44 - additional code type
T47 - stock type

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DISCLAIMER

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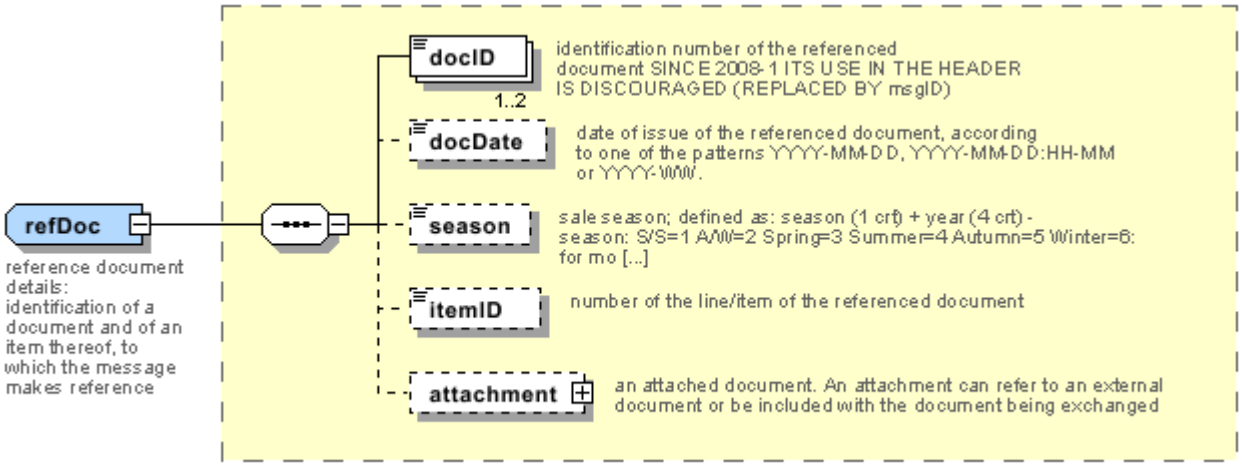
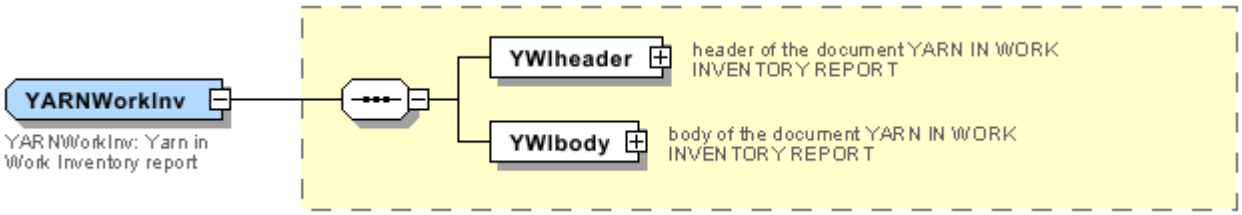
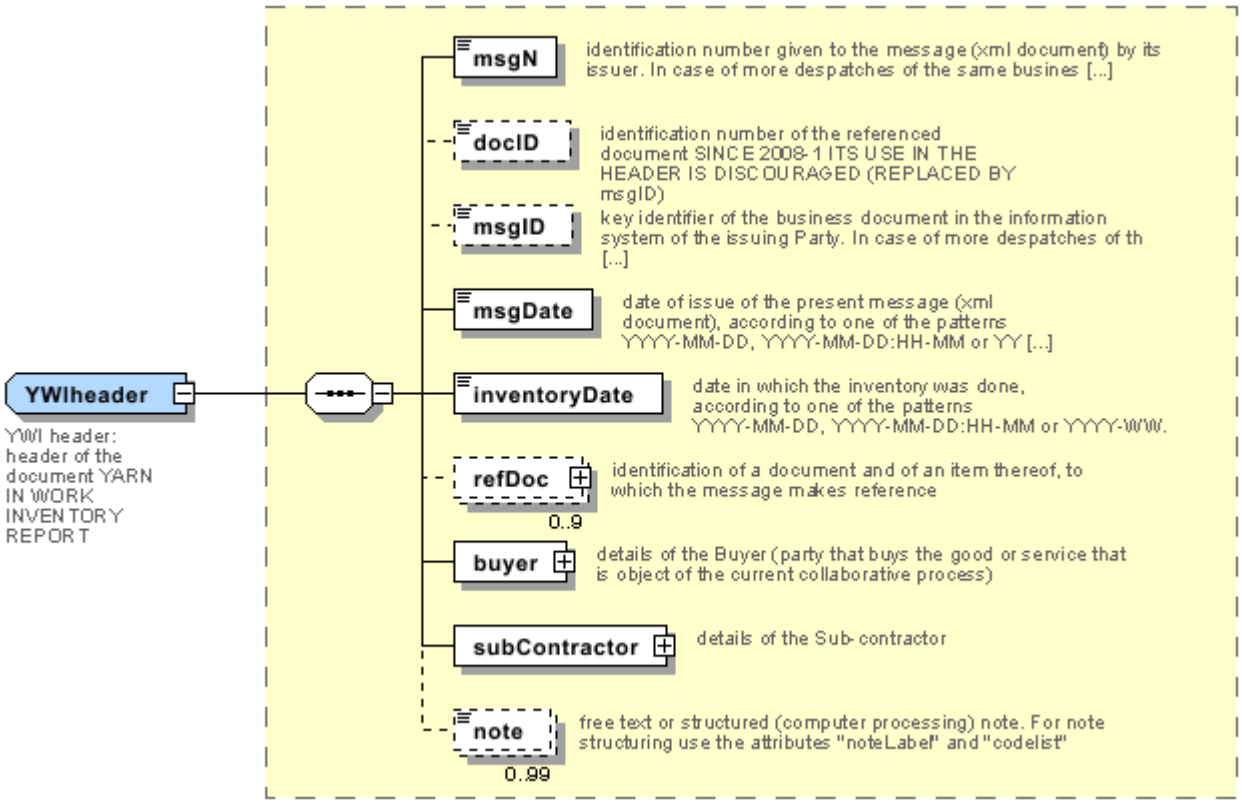
The European Commission and the Agency do not accept any responsibility for use that may be made of the information it contains.

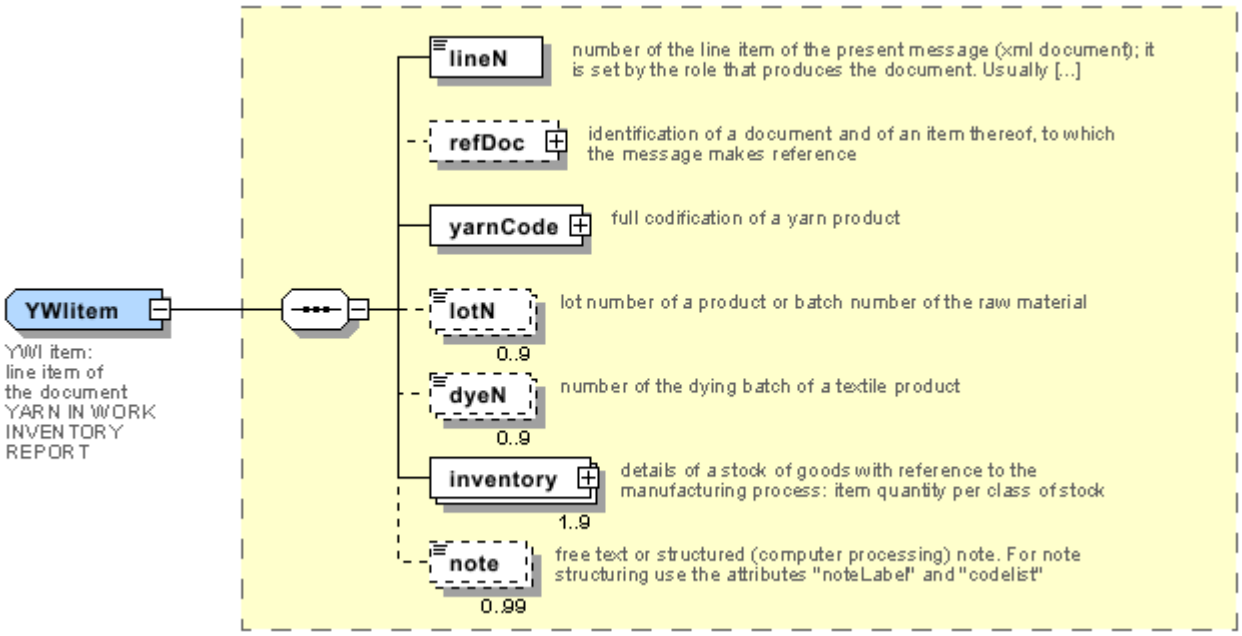
Annex A

Representative images of the principal complex elements' structure.








YWIitem
YWI item:
line item of
the document
YARN IN WORK
INVENTORY
REPORT
lineN
number of the line item of the present message (xml document); it is set by the role that produces the document. Usually [...]
refDoc
identification of a document and of an item thereof, to which the message makes reference
yarnCode
full codification of a yarn product
lotN
0..9
lot number of a product or batch number of the raw material
dyeN
0..9
number of the dying batch of a textile product
inventory
1..9
details of a stock of goods with reference to the manufacturing process: item quantity per class of stock
note
0..99
free text or structured (computer processing) note. For note structuring use the attributes "noteLabel" and "codelist"

Annex B

NT100 - eBIZ TCFUpstream version

dictionary version

Agency name: eBIZ

tabella cod.: NT100
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT100.xml*

Code	Description	Adoption note	Date of insertion
2013-1	v2013-1		01/07/2013
2018-1	v2018-1		04/11/2018
draft	draft		08/09/2017

NT16 - VAT rate or code

VAT rate or code (DEPRECATED, use dtScheme element)

tabella cod.: NT16
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT16.xml*

NT18 - message function

function performed by the present message with regards to the transmission

Agency name: eBIZ

tabella cod.: NT18
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT18.xml*

Code	Description	Adoption note	Date of insertion
CA	delete this document		01/07/2013
CP	copy		
OR	original		
RC	re-transmission for data correction		
RT	re-transmission		

NT29 - format of a date

format used for the date

Agency name: eBIZ

tabella cod.: NT29
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml*

Code	Description	Adoption note	Date of insertion
D	YYYY-MM-DD		
M	YYYY-MM-DD:HH-MM		
W	YYYY-WW		

NT3 - data format

format of a string according to a customized User rule (local rule)

Agency name: eBIZ

tabella cod.: NT3
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT3.xml*

Code	Description	Adoption note	Date of insertion
EN4	GS1-GLN		01/07/2013
MD	mutually agreed		

NT6 - coding system owner/issuer

code specifying the organisation who has created or owns the coding or numbering system

Agency name: eBIZ

tabella cod.: NT6
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml*

Code	Description	Adoption note	Date of insertion
CL	Customer/buyer		
CO	Quality Controller		
EN	GS1 (ex-EAN International)		
ES	e-Stockflow		
FO	Supplier		
GS	GS1		01/07/2013
MF	VAT identifier		
ML	Moda-ML		

SP	Service Provider		

NT7 - unit of measure

specification of the unit of measure, it is a sub set of table Unit of Measure Code - UN/ECE REC 20 delivered by United Nations Economic Commission for Europe (UN/ECE)

Agency name: eBIZ / UN/ECE

tabella cod.: NT7
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT7.xml*
Other link: http://docs.oasis-open.org/ubl/os-UBL-2.1/cl/gc/default/UnitOfMeasureCode-2.1.gc#

Code	Description	Adoption note	Date of insertion
CMK	square centimetre		20/12/2017
CMQ	cubic centimetre		20/12/2017
CMT	centimetre		
CNE	centiNewton		
CO2TON	ton of CO2		10/09/2014
COUPLES	couples		
DMQ	cubic decimetre		
E37	pixel		11/04/2018
GRM	gram		
HUR	hour		
INH	inch		
KGM	kilogram		
KMT	kilometer		
KWH	kilowatthours		10/09/2014
LBR	pound		
MIN	minute		
MMK	centimetre		20/12/2017
MMK	square millimetre		20/12/2017
MTK	square metre		20/12/2017
MTQ	cubic metre		
MTR	metre		
NMB	numero		
ONZ	ounce		
P1	percent		

PPM	parts per milion		
PZ	piece		
RPM	rounds per metre		
YRD	yard		

T10 - ISO3166 - Country

code of the nation

Agency name: ISO

tabella cod.: T10
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml*

Table not printed: there are 239 elements, more than the maximum specified for printing: 99.

T11 - transport package type

code specifying the type of package used for transport and delivery (subset of UN/ECE 8053 and UBL TransportEquipmentTypeCode-2.1)

Agency name: eBIZ

tabella cod.: T11
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T11.xml*
Other link: http://docs.oasis-open.org/ubl/os-UBL-2.1/cl/gc/default/TransportEquipmentTypeCode-2.1.gc#

Code	Description	Adoption note	Date of insertion
4A	box, steel		
4C	box, wood		
4G	Box, fibreboard		01/08/2018
4H	Box, plastic		01/08/2018
5H	Bag, woven plastic		01/08/2018
5L	Bag, textile		01/08/2018
5M	Bag, paper		
AJ	Cone		01/08/2018
BL	Bale, compressed		01/08/2018
BN	Bale, non-compressed		01/08/2018
BX	Box		
CI	Canister		01/08/2018
CL	Coil		01/08/2018

CN	Container, not otherwise specified as transport equipment		01/08/2018
CS	Case		01/08/2018
CT	Carton		01/08/2018
EC	Bag, plastic		01/08/2018
ED	Case, with pallet base		01/08/2018
EE	Case, with pallet base, wooden		01/08/2018
EF	Case, with pallet base, cardboard		01/08/2018
EG	Case, with pallet base, plastic		01/08/2018
EH	Case, with pallet base, metal		01/08/2018
FX	Bag, flexible container		01/08/2018
HN	Hanger		01/08/2018
NE	unpacked		
NF	Unpacked or unpackaged, single unit		01/08/2018
NG	Unpacked or unpackaged, multiple units		01/08/2018
OA	Pallet, CHEP 40 cm x 60 cm		01/08/2018
OB	Pallet, CHEP 80 cm x 120 cm		01/08/2018
OC	Pallet, CHEP 100 cm x 120 cm		01/08/2018
OD	Pallet, AS 4068-1993		01/08/2018
OE	Pallet, ISO T11		01/08/2018
PE	europallet (80x120)		
PX	pallet		
QS	box, plastic, solid		
RJ	Rack, clothing hanger		01/08/2018
RL	Reel		01/08/2018
SO	Spool		01/08/2018
TU	tube		
XD	bag, plastics film		
XK	bag,paper, multi-wall, water resistant		
ZZ	Mutually defined		01/08/2018

T21 - type of document

type or class to which the referenced document belongs

Agency name: eBIZ

tabella cod.: T21
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml*

Code	Description	Adoption note	Date of insertion
BOR	blanket order		01/02/2018
CAT	Price catalogue - tech sheet		
CEO	Certificate of origin		13/04/2018
CER	Certificate		13/04/2018
COC	colour card		
CRN	Credit note		08/09/2017
CTO	Checking order		01/07/2013
CTR	Contract		
CXF	CxF3 file		01/07/2013
DAD	Darn order		
DDT	ddt		
DEA	Despatch advise		
DER	Despatch request		
DR	Document Request		02/12/2014
FOR	Forecast		02/12/2014
GSO	Garment stock offer		
GSX	Garment stock offer change		
INV	Invoice		
KCC	Knitting-Clothing Commission Order		02/12/2014
KCI	Garment in Work Inventory Report		02/12/2014
M2M	Made to Measure Production Order		02/12/2014
MAS	Master marker		
MCI	Visual merchandising instruction		13/04/2018
OCH	Order change		
OFF	Offer		
ORD	Purchase order		
ORP	Order response		
OSR	order status request		
OSS	Offer status		02/12/2014
OST	Order status		
OUR	our reference		
QR	Quality Report		02/12/2014

RAI	Raw Material in Work Inventory Report		02/12/2014
RDC	Raw dyeing commission order		
RDH	Raw dyeing order change		
RDR	Raw dyeing order response		
REA	Receiving advise		
REQ	Request for Offer		
RET	Return		02/12/2014
RSC	Spinning commission order		
RSH	Spinning order change		
RSR	Spinning order response		
SCL	process sheet		
TFC	Textile dyeing-finishing commission order		
TFX	Textile Dyeing-Finishing Order Change		02/12/2014
TPC	Textile printing commission order		
TPX	Textile Printing Order Change		02/12/2014
TWI	Textile in work inventory		
VMI	visual merchandising instructions		01/02/2018
WAC	Warping commission order		
WEC	Weaving commission order		
YDC	Yarn dyeing commission order		
YDH	Yarn dyeing order change		
YDR	Yarn dyeing order response		
YTC	Twisting commission order		
YWI	Yarn in work inventory		

T44 - additional code type

qualifier of the additional coding of a product

Agency name: eBIZ

tabella cod.: T44
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T44.xml*

Code	Description	Adoption note	Date of insertion
CC	colour card		
CL	sales collection		
CO	company identification code		08/09/2017

DY	dye number		
LT	lot number		
MDI	Made in		08/09/2017
MS	manufacturing state		
PKG	packaging		09/09/2014
PL	product line		
RGB	RGB value		
SE	selvedge code		

T47 - stock type

code classifying a stock of goods with reference to the manufacturing status

Agency name: eBIZ

tabella cod.: T47
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T47.xml*

Code	Description	Adoption note	Date of insertion
ALL	overall stock		
DMG	damaged stock		
FIW	finished (post-works) stock		
PRW	pre-works stock		
WIP	work in progress stock		