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DRAFT

IMPLEMENTATION GUIDE

TRANSACTION "YARN ORDER STATUS REPORT"

Version: draft
Date of release: 17/5/2019
Document code: G015
technical Documentation: http://www.ebiz.enea.it
XML Schemas repository: http://www.ebiz.enea.it/moda-ml/repository/schema/draft/default.asp
Guides repository: http://www.ebiz.enea.it/moda-ml/repository/guide/draft/default.asp
Guide filename: G015-eBIZ-YarnOrderStatusReport.pdf

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

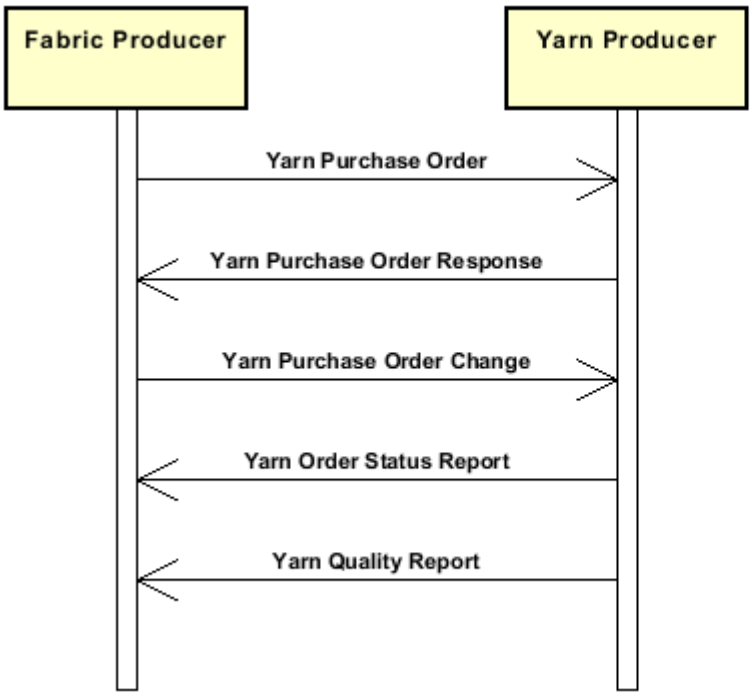
The present guide has been issued to assist the companies of the Textile-Clothing sector in the implementation of the standard XML document type "YARN ORDER STATUS REPORT", providing all the instruction required for its use in any context of e-commerce between the Yarn Producers (or their Subcontractors) and their Customers.
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 message is issued to report to the Client the status of his Orders and the updated dates of delivery, with the possibility of splitting the order line into several consignements.
The message may concern all the articles ordered (Type = H "historic"), all the articles ordered and not yet delivered (type = C "complete") or just the articles in the “ready for shipment” status (type = S "for shipping").
The status report can be given for each article or for each Order line.

1.3. Possible scenario

Purchase of yarn


Fabric Producer
Yarn Producer
Yarn Purchase Order
Yarn Purchase Order Response
Yarn Purchase Order Change
Yarn Order Status Report
Yarn Quality 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

YARNOrdStatus
@TStype [Required]
@msgfunction [Optional] [Default= OR]
@version [Optional] [Default= draft]
@useProfile [Optional]
| TSheader 1-1
| | msgN 1-1
- choose -
| | msgID 0-1
- or -
| | docID 0-1
| | *@numberingOrg [Optional]*
- end choose -
| | msgDate 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
| | **supplier 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
| | note 0-99
| | *@numberingOrg [Optional]*
| | *@codeList [Optional]*
| | *@noteLabel [Optional]*

| YSbody 1-1
| | **YSitem 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 1-2
| | | *@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]*
| | | progress 1-99
| | | | qty 1-2
| | | | *@um [Required]*
| | | | deliveryDate 0-1
| | | | *@dateForm [Optional]*
| | | | delGrantedDate 0-1
| | | | *@dateForm [Optional]*
- choose -
| | | | mfrStatus 0-1
- or -
| | | | mfrStatusText 0-1
- end choose -
| | | | itemsList 0-1
| | | | | qualityLevel 0-1
| | | | | *@numberingOrg [Optional]*
| | | | | *@codeList [Optional]*
| | | | | *@listName [Optional]*
| | | | | *@listVersion [Optional]*
| | | | | itemIdentification 1-unbounded
| | | | | | serialN 1-9
| | | | | | *@numberingOrg [Optional]*
| | | | | | *@idQualifier [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.

attachment	an attached document. An attachment can refer to an external document or be included with the document being exchanged (XPath YARNOrdStatus/YSbody/YSitem/refDoc/attachment) 0-1 (XPath YARNOrdStatus/TSheader/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 YARNOrdStatus/TSheader/buyer) 1-1
externalReference	details about an external object, such as a document stored at a remote loc ation (XPath YARNOrdStatus/TSheader/refDoc/attachment/externalReference) 0-99 (XPath YARNOrdStatus/YSbody/YSitem/refDoc/attachment/externalReference) 0-99
itemIdentification	serial identification of a product unit (XPath YARNOrdStatus/YSbody/YSitem/progress/itemsList/itemIdentification) 1-unb ounded - note: *identification of the single product unit contained in the list*
itemsList	list of the single product units (XPath YARNOrdStatus/YSbody/YSitem/progress/itemsList) 0-1
progress	description of the progress of a production lot in a manufacturing process (XPath YARNOrdStatus/YSbody/YSitem/progress) 1-99
refDoc	identification of a document and of an item thereof, to which the message m akes reference (XPath YARNOrdStatus/TSheader/refDoc) 0-9 (XPath YARNOrdStatus/YSbody/YSitem/refDoc) 0-1 - note: *here the order and order line whose status is reported can be identifi ed*
supplier	details of the Supplier (party that supplies the good or service that is object of the current collaborative process) - base type: Nad, (XPath YARNOrdStatus/TSheader/supplier) 1-1
TSheader	header of the TEXTILES (YARN) ORDER STATUS REPORT (XPath YARNOrdStatus/TSheader) 1-1
yarnCode	full codification of a yarn product (XPath YARNOrdStatus/YSbody/YSitem/yarnCode) 1-2
YSbody	body of the document YARN ORDER STATUS REPORT (XPath YARNOrdStatus/YSbody) 1-1
YSitem	line item of the document YARN ORDER STATUS REPORT (XPath YARNOrdStatus/YSbody/YSitem) 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.

added	additional code of the product (complementing the formers) - base type: string, max length: 80, (XPath YARNOrdStatus/YSbody/YSitem/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 ot hers - base type: string, max length: 15, (XPath YARNOrdStatus/TSheader/supplier/additionalIdentifier) 0-9 - note: *identifiers for example for exports, such as MID (Manufacturer Identifi cation Code), EORI (E.O.R.I. - Economic Operator Registration and Identific ation)* (XPath YARNOrdStatus/TSheader/buyer/additionalIdentifier) 0-9 - note: *identifiers for example for exports, such as MID (Manufacturer Identifi cation Code), EORI (E.O.R.I. - Economic Operator Registration and Identific ation)*
@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 YARNOrdStatus/YSbody/YSitem/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 YARNOrdStatus/YSbody/YSitem/yarnCode/art) 1-1
binaryObject	a binary large object containing an attached document - base type: base64Binary, (XPath YARNOrdStatus/YSbody/YSitem/refDoc/attachment/binaryObject) 0-1 (XPath YARNOrdStatus/TSheader/refDoc/attachment/binaryObject) 0-1
@characterSet	the character set of the binary object if the mime type is text - base type: normalizedString, (XPath YARNOrdStatus/TSheader/refDoc/attachment/ binaryObject/@characterSet) [Optional] (XPath YARNOrdStatus/YSbody/YSitem/refDoc/attachment/ binaryObject/@characterSet) [Optional]
characterSetCode	the character set of an external document - base type: normalizedString, (XPath YARNOrdStatus/YSbody/YSitem/refDoc/attachment/ externalReference/characterSetCode) 0-1 (XPath YARNOrdStatus/TSheader/refDoc/attachment/ externalReference/characterSetCode) 0-1
city	name of the city (town, village) - base type: string, max length: 40, (XPath YARNOrdStatus/TSheader/supplier/city) 0-1 (XPath YARNOrdStatus/TSheader/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 YARNOrdStatus/YSbody/YSitem/yarnCode/color/@codeList) [Optional] - nota: *this attribute could be used as alternative to the others* (XPath YARNOrdStatus/YSbody/YSitem/refDoc/season/@codeList) [Optional] (XPath YARNOrdStatus/TSheader/refDoc/season/@codeList) [Optional] (XPath YARNOrdStatus/YSbody/YSitem/yarnCode/art/@codeList) [Optional]

	- nota: *this attribute should be ALTERNATIVE to the others* (XPath YARNOrdStatus/TSheader/note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"* (XPath YARNOrdStatus/YSbody/YSitem/progress/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 YARNOrdStatus/YSbody/YSitem/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 YARNOrdStatus/TSheader/buyer/country) 0-1 (XPath YARNOrdStatus/TSheader/supplier/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 YARNOrdStatus/YSbody/YSitem/refDoc/docDate/@dateForm) [Optional] (XPath YARNOrdStatus/TSheader/refDoc/docDate/@dateForm) [Optional] (XPath YARNOrdStatus/YSbody/YSitem/progress/delGrantedDate/@dateForm) [Optional] (XPath YARNOrdStatus/YSbody/YSitem/progress/deliveryDate/@dateForm) [Optional] (XPath YARNOrdStatus/TSheader/msgDate/@dateForm) [Optional]
delGrantedDate	effective granted date of delivery of goods; in case of doubt delivery must be understood as the event when the ownership of goods is transferred, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath YARNOrdStatus/YSbody/YSitem/progress/delGrantedDate) 0-1
deliveryDate	date of delivery of goods, requested or promised in the purchase process, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath YARNOrdStatus/YSbody/YSitem/progress/deliveryDate) 0-1
dept	name or code of a contact department within a Party - base type: string, max length: 40, (XPath YARNOrdStatus/TSheader/buyer/dept) 0-1 (XPath YARNOrdStatus/TSheader/supplier/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 instance for each language). - base type: string, max length: 250, (XPath YARNOrdStatus/YSbody/YSitem/yarnCode/description) 0-unbounded - note: *Product description*
docDate	date of issue of the referenced document, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath YARNOrdStatus/YSbody/YSitem/refDoc/docDate) 0-1 (XPath YARNOrdStatus/TSheader/refDoc/docDate) 0-1
docID	identification number of the referenced document SINCE 2008-1 ITS USE IN THE HEADER IS DISCOURAGED (REPLACED BY msgID) - base type: string, max length: 80, (XPath YARNOrdStatus/TSheader/docID) 0-1 (XPath YARNOrdStatus/TSheader/refDoc/docID) 1-2 (XPath YARNOrdStatus/YSbody/YSitem/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 YARNOrdStatus/TSheader/refDoc/@docType) [Required] (XPath YARNOrdStatus/YSbody/YSitem/refDoc/@docType) [Required]
@email	electronic mail address of the contact person within a Party - base type: string, max length: 250, (XPath YARNOrdStatus/TSheader/buyer/person/@email) [Optional] (XPath YARNOrdStatus/TSheader/supplier/person/@email) [Optional]
@encoding	specifies the decoding algorithm of the binary object - base type: normalizedString, (XPath YARNOrdStatus/YSbody/YSitem/refDoc/attachment/ binaryObject/@encoding) [Optional] (XPath YARNOrdStatus/TSheader/refDoc/attachment/ binaryObject/@encoding) [Optional]
encodingCode	the encoding/decoding algorithm used with the external object - base type: normalizedString, (XPath YARNOrdStatus/YSbody/YSitem/refDoc/attachment/ externalReference/encodingCode) 0-1 (XPath YARNOrdStatus/TSheader/refDoc/attachment/ externalReference/encodingCode) 0-1
@fax	fax number of the contact person within a Party - base type: string, max length: 35, (XPath YARNOrdStatus/TSheader/buyer/person/@fax) [Optional] (XPath YARNOrdStatus/TSheader/supplier/person/@fax) [Optional]
fileName	unique identifier (name) of the file - base type: string, max length: 255, (XPath YARNOrdStatus/TSheader/refDoc/attachment/fileName) 0-1 (XPath YARNOrdStatus/YSbody/YSitem/refDoc/attachment/fileName) 0-1
@format	the format of the binary content - base type: string, (XPath YARNOrdStatus/TSheader/refDoc/attachment/ binaryObject/@format) [Optional] (XPath YARNOrdStatus/YSbody/YSitem/refDoc/attachment/ binaryObject/@format) [Optional]
formatCode	the format of the external object - base type: normalizedString, (XPath YARNOrdStatus/TSheader/refDoc/attachment/ externalReference/formatCode) 0-1 (XPath YARNOrdStatus/YSbody/YSitem/refDoc/attachment/ externalReference/formatCode) 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 YARNOrdStatus/TSheader/buyer/id) 1-1 (XPath YARNOrdStatus/TSheader/supplier/id) 1-1
@idQualifier	Qualification of the identifier. - base type: string, (XPath YARNOrdStatus/YSbody/YSitem/progress/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 YARNOrdStatus/TSheader/buyer/additionalIdentifier/@idQualifier) [Optional] - nota: *this attribute should be used when the numberingOrg attribute is not enough to declare the type of identifier*

	(XPath YARNOrdStatus/TSheader/supplier/additionalIdentifier/@idQualifier) [Optional] - nota: *this attribute should be used when the numberingOrg attribute is not enough to declare the type of identifier*
@isURL	it indicates if the referred element is an URL (true) or not (false) - base type: boolean, (XPath YARNOrdStatus/YSbody/YSitem/refDoc/attachment/ externalReference/uri/@isURL) [Optional] [Default= true] - nota: *usage of URLs is recommended* (XPath YARNOrdStatus/TSheader/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 YARNOrdStatus/YSbody/YSitem/refDoc/itemID) 0-1 (XPath YARNOrdStatus/TSheader/refDoc/itemID) 0-1
legalName	legal name of a Party - base type: string, max length: 250, (XPath YARNOrdStatus/TSheader/supplier/legalName) 0-1 (XPath YARNOrdStatus/TSheader/buyer/legalName) 0-1
lineN	number of the line item of the present message (xml document); it is set by t he role that produces the document. Usually it is a progressive number, but not always. - base type: positiveInteger, min inclusive: 1, max inclusive: 9999, (XPath YARNOrdStatus/YSbody/YSitem/lineN) 1-1
@listName	the name of the list of codes used to make an instance of the element (it mi gth be thought as descriptive element, i.e. 'fabric printing technologies', or n ot, i.e. "T264") - base type: string, max length: 40, (XPath YARNOrdStatus/YSbody/YSitem/refDoc/season/@listName) [Optional] (XPath YARNOrdStatus/YSbody/YSitem/progress/itemsList/ qualityLevel/@listName) [Optional] (XPath YARNOrdStatus/TSheader/refDoc/season/@listName) [Optional] (XPath YARNOrdStatus/YSbody/YSitem/yarnCode/color/@listName) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg"* (XPath YARNOrdStatus/YSbody/YSitem/yarnCode/art/@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 YARNOrdStatus/YSbody/YSitem/progress/itemsList/ qualityLevel/@listVersion) [Optional] (XPath YARNOrdStatus/YSbody/YSitem/yarnCode/color/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" an d "listName"* (XPath YARNOrdStatus/TSheader/refDoc/season/@listVersion) [Optional] (XPath YARNOrdStatus/YSbody/YSitem/refDoc/season/@listVersion) [Optional] (XPath YARNOrdStatus/YSbody/YSitem/yarnCode/art/@listVersion) [Optional] - nota: *this attribute should always be used coupled with "numberingOrg" an d "listName"*
@ln	Language code. - base type: string, (XPath YARNOrdStatus/YSbody/YSitem/yarnCode/description/@ln) [Optional]
@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 YARNOrdStatus/TSheader/supplier/@logo) [Optional]

	(XPath YARNOrdStatus/TSheader/buyer/@logo) [Optional]
mfrStatus	code of the manufacturing stage used to describe the progress in the production cycle - base type: string, cod. table: T7 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T7.xml* (XPath YARNOrdStatus/YSbody/YSitem/progress/mfrStatus) 0-1
mfrStatusText	free text description of the manufacturing stage used to specify the progress in the production cycle - base type: string, max length: 250, (XPath YARNOrdStatus/YSbody/YSitem/progress/mfrStatusText) 0-1
@mime	the mime type of the binary object - base type: normalizedString, (XPath YARNOrdStatus/YSbody/YSitem/refDoc/attachment/binaryObject/@mime) [Optional] (XPath YARNOrdStatus/TSheader/refDoc/attachment/binaryObject/@mime) [Optional]
mimeCode	mime type of the external object - base type: normalizedString, (XPath YARNOrdStatus/TSheader/refDoc/attachment/externalReference/mimeCode) 0-1 (XPath YARNOrdStatus/YSbody/YSitem/refDoc/attachment/externalReference/mimeCode) 0-1
msgDate	date of issue of the present message (xml document), according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath YARNOrdStatus/TSheader/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 YARNOrdStatus/@msgfunction) [Optional] [Default= OR]
msgID	key identifier of the business document in the information system of the issuing Party. In case of more despatches of the same business document, it is unchanged. - base type: string, max length: 35, (XPath YARNOrdStatus/TSheader/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 YARNOrdStatus/TSheader/msgN) 1-1
note	free text or structured (computer processing) note. For note structuring use the attributes "noteLabel" and "codelist" - base type: string, max length: 350, (XPath YARNOrdStatus/TSheader/note) 0-99
@noteLabel	subject qualifier of a note - base type: string, max length: 35, (XPath YARNOrdStatus/TSheader/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 numbering system - base type: string, cod. table: NT6 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml* (XPath YARNOrdStatus/YSbody/YSitem/yarnCode/@numberingOrg) [Optional] [Default= CL] (XPath YARNOrdStatus/YSbody/YSitem/yarnCode/art/@numberingOrg) [Optional] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"*

	(XPath YARNOrdStatus/YSbody/YSitem/yarnCode/color/@numberingOrg) [Optional] - nota: *this attribute should be used either single or coupled with "listName" and "listVersion"* (XPath YARNOrdStatus/TSheader/docID/@numberingOrg) [Optional] - nota: *here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)* (XPath YARNOrdStatus/YSbody/YSitem/progress/itemsList/ qualityLevel/@numberingOrg) [Optional] (XPath YARNOrdStatus/TSheader/note/@numberingOrg) [Optional] (XPath YARNOrdStatus/TSheader/buyer/additionalIdentifier/@numberingOrg) [Optional] - nota: *here the issuer of the identifier must be specified* (XPath YARNOrdStatus/TSheader/refDoc/attachment/fileName/@numberingOrg) [Optional] (XPath YARNOrdStatus/TSheader/refDoc/season/@numberingOrg) [Optional] (XPath YARNOrdStatus/TSheader/supplier/additionalIdentifier/@numberingOrg) [Optional] - nota: *here the issuer of the identifier must be specified* (XPath YARNOrdStatus/TSheader/supplier/id/@numberingOrg) [Optional] (XPath YARNOrdStatus/YSbody/YSitem/refDoc/season/@numberingOrg) [Optional] (XPath YARNOrdStatus/YSbody/YSitem/progress/itemsList/ itemIdentification/serialN/@numberingOrg) [Optional] - nota: *here the issuer of the serial number must be specified (when different from the Supplier)* (XPath YARNOrdStatus/YSbody/YSitem/refDoc/attachment/ fileName/@numberingOrg) [Optional] (XPath YARNOrdStatus/YSbody/YSitem/yarnCode/added/@numberingOrg) [Optional] (XPath YARNOrdStatus/TSheader/refDoc/docID/@numberingOrg) [Optional] - nota: *here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)* (XPath YARNOrdStatus/TSheader/buyer/id/@numberingOrg) [Optional] (XPath YARNOrdStatus/YSbody/YSitem/refDoc/docID/@numberingOrg) [Optional] - nota: *here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)*
person	name of the contact person within a Party - base type: string, max length: 40, (XPath YARNOrdStatus/TSheader/buyer/person) 0-1 (XPath YARNOrdStatus/TSheader/supplier/person) 0-1
@phone	phone number of the contact person within a Party - base type: string, max length: 35, (XPath YARNOrdStatus/TSheader/buyer/person/@phone) [Optional] (XPath YARNOrdStatus/TSheader/supplier/person/@phone) [Optional]
postCode	code defining the postal zone - base type: string, max length: 10, (XPath YARNOrdStatus/TSheader/supplier/postCode) 0-1 (XPath YARNOrdStatus/TSheader/buyer/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 YARNOrdStatus/YSbody/YSitem/progress/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 YARNOrdStatus/YSbody/YSitem/progress/itemsList/qualityLevel) 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 YARNOrdStatus/YSbody/YSitem/refDoc/season) 0-1 - note: *here indicates the season to which the referenced document belongs* (XPath YARNOrdStatus/TSheader/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 YARNOrdStatus/TSheader/supplier/@sender) [Optional] - nota: *This attibute is mandatory when the STYLESHEET must be used* (XPath YARNOrdStatus/TSheader/buyer/@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 YARNOrdStatus/YSbody/YSitem/progress/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 YARNOrdStatus/TSheader/supplier/street) 0-1 (XPath YARNOrdStatus/TSheader/buyer/street) 0-1
subCountry	short name or code of the sub-country entity - base type: string, max length: 9, (XPath YARNOrdStatus/TSheader/supplier/subCountry) 0-1 (XPath YARNOrdStatus/TSheader/buyer/subCountry) 0-1
subDept	name or code of a contact department within a Party - base type: string, max length: 40, (XPath YARNOrdStatus/TSheader/buyer/subDept) 0-1 (XPath YARNOrdStatus/TSheader/supplier/subDept) 0-1
@TStype	type of Order status report - base type: string, cod. table: NT8 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT8.xml* (XPath YARNOrdStatus/@TStype) [Required]
@uid	unique element identifier within the xml document - base type: string, (XPath YARNOrdStatus/TSheader/refDoc/attachment/@uid) [Optional] (XPath YARNOrdStatus/YSbody/YSitem/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 YARNOrdStatus/YSbody/YSitem/progress/qty/@um) [Required]
uri	Uniform Resource Identifier (URI) that identifies the external object as an Internet resource - base type: normalizedString, (XPath YARNOrdStatus/YSbody/YSitem/refDoc/attachment/ externalReference/uri) 1-1 (XPath YARNOrdStatus/TSheader/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 YARNOrdStatus/@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 YARNOrdStatus/YSbody/YSitem/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 YARNOrdStatus/@version) [Optional] [Default= draft]

2.3 Suggested best practices

YARNOrdStatus/YSbody/YSitem/progress/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

YARNOrdStatus/YSbody/YSitem/progress/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
NT6 - coding system owner/issuer
NT7 - unit of measure
NT8 - Order status type
T10 - ISO3166 - Country
T21 - type of document
T44 - additional code type
T7 - manufacturing status

ACKNOWLEDGEMENT

This action is part of the eBIZ-4.0 project, which has received funding from the European Union's COSME Programme (2014 - 2020).

DISCLAIMER

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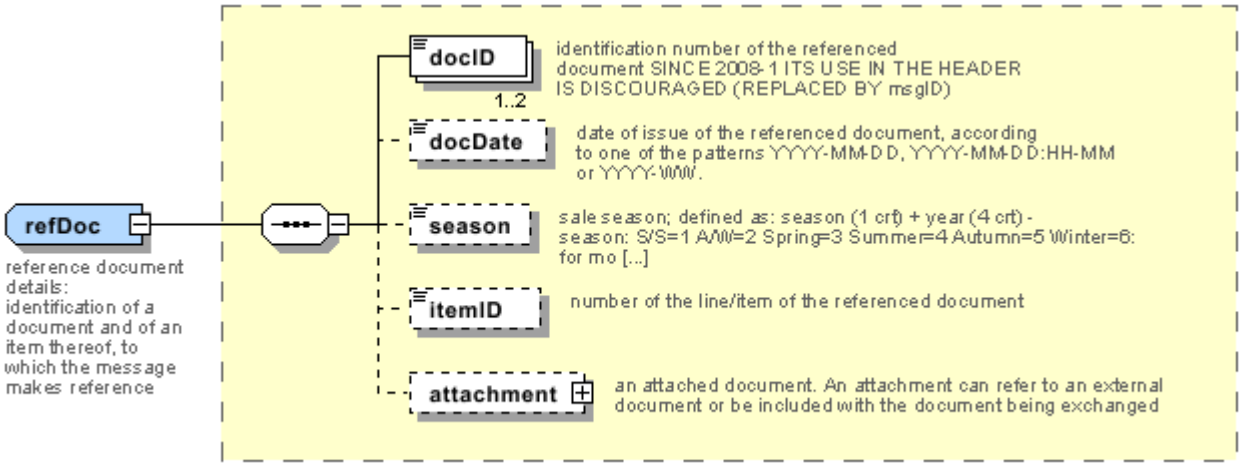
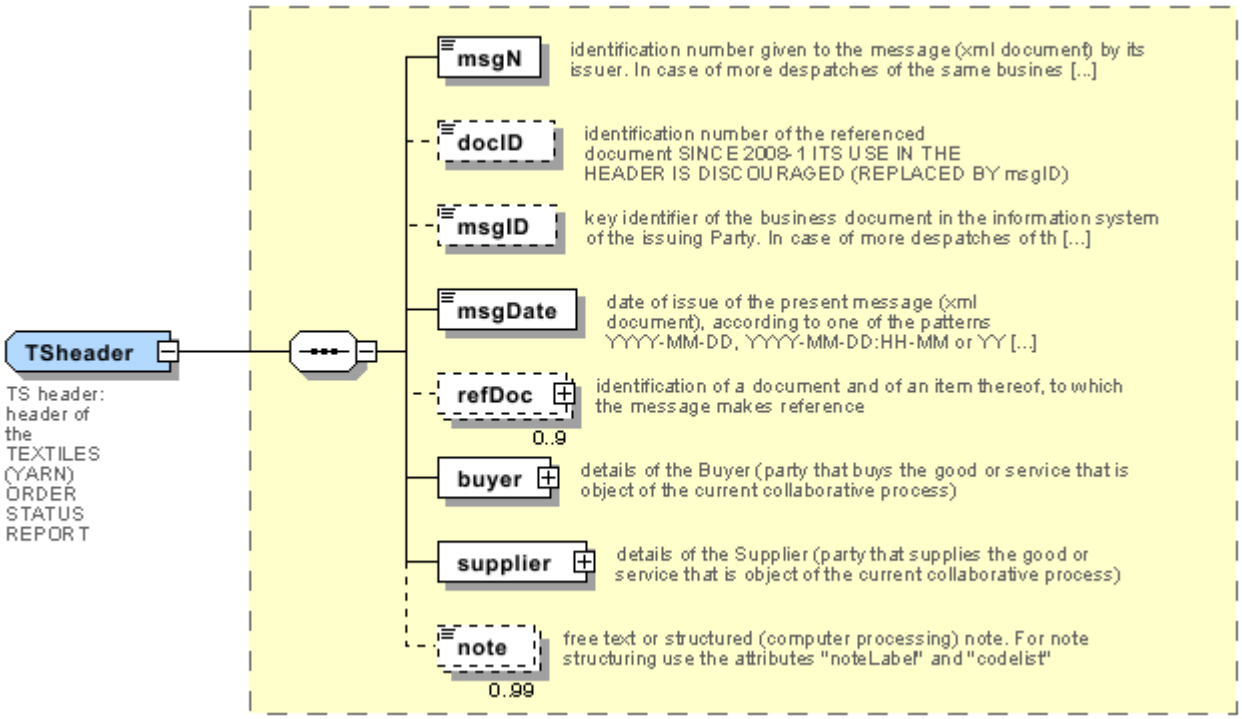
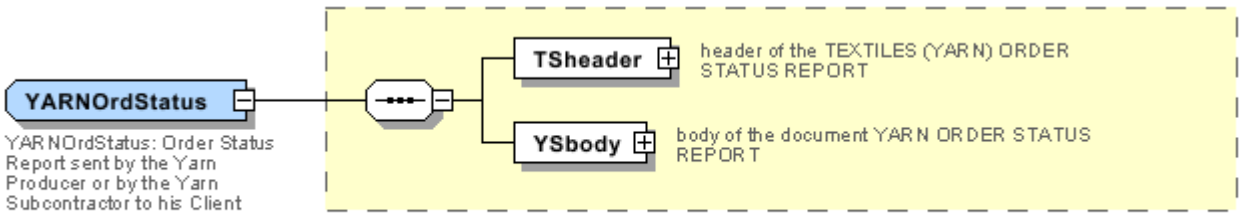
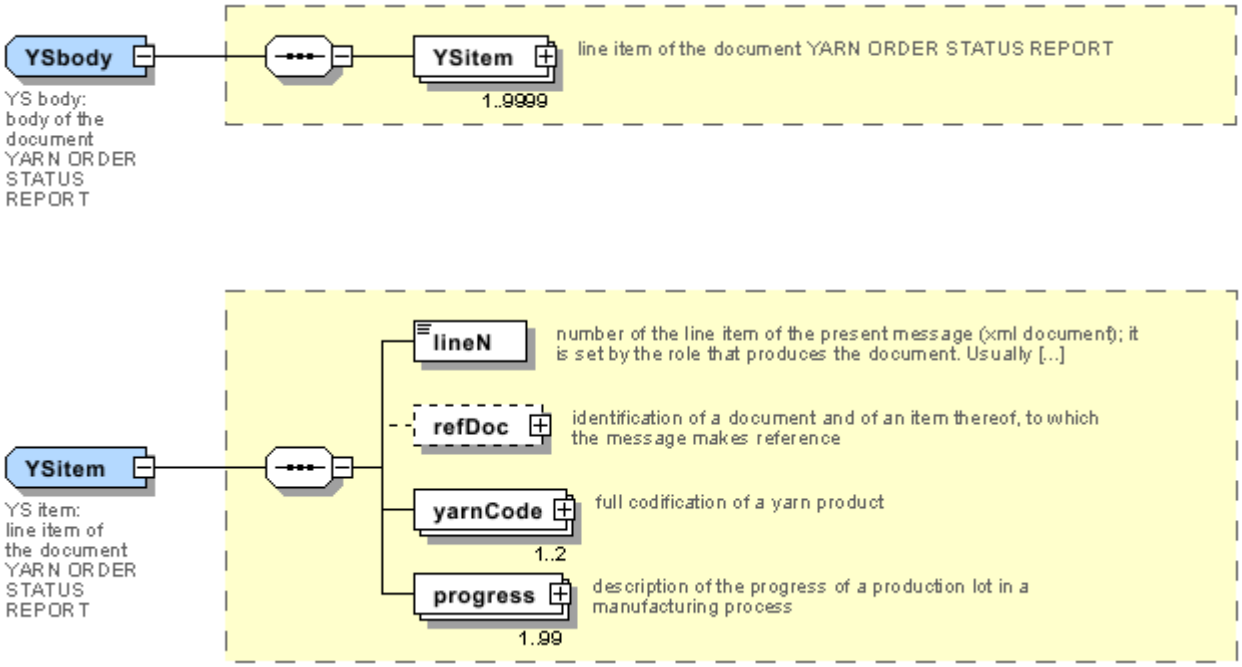
Annex A

Representative images of the principal complex elements' structure.








YSbody
YS body:
body of the
document
YARN ORDER
STATUS
REPORT
YSitem
1..9999
line item of the document YARN ORDER STATUS REPORT
YSitem
YS item:
line item of
the document
YARN ORDER
STATUS
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
1..2
full codification of a yarn product
progress
1..99
description of the progress of a production lot in a manufacturing process

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		

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		

NT8 - Order status type

type of Order status report

Agency name: eBIZ

tabella cod.: NT8
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT8.xml*

Code	Description	Adoption note	Date of insertion
C	complete		
H	historic (whole season)		
I	incremental (only status changes)		01/07/2013
S	despatchables only		

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.

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		

T7 - manufacturing status

code of the manufacturing stage used to describe the progress in the production cycle

Agency name: eBIZ

tabella cod.: T7
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T7.xml*

Code	Description	Adoption note	Date of insertion
000	to be launched		
001	launched		01/07/2013
010	knitted		
020	packed		
090	preparing		01/07/2013
095	prepared		01/07/2013
100	warping		
199	warped		
200	weaving		
299	woven		
300	dyeing		
399	dyed		
400	finishing		
499	finished		
500	printing		
599	printed		
600	darning		
640	preparing for printing		01/07/2013
650	prepared for printing		01/07/2013
660	checking		01/07/2013
670	checked		01/07/2013
700	spinning		
799	spun		
800	twisting		
899	twisted		
900	despatch-ready		
950	despatched		
999	other, see note if any		01/07/2013