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**DRAFT**

IMPLEMENTATION GUIDE

TRANSACTION "PIECE CONTROL ORDER"

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Guides repository: <http://www.ebiz.enea.it/moda-ml/repository/guide/draft/default.asp>

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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 "PIECE CONTROL ORDER", providing all the instruction required for its use in any context of e-commerce between Fabric Buyers and Textile Controllers.

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 document "Piece Control Orderr" is used by the Fabric Buyer to specify the type of inspection and accessory treatments requested for each fabric piece.

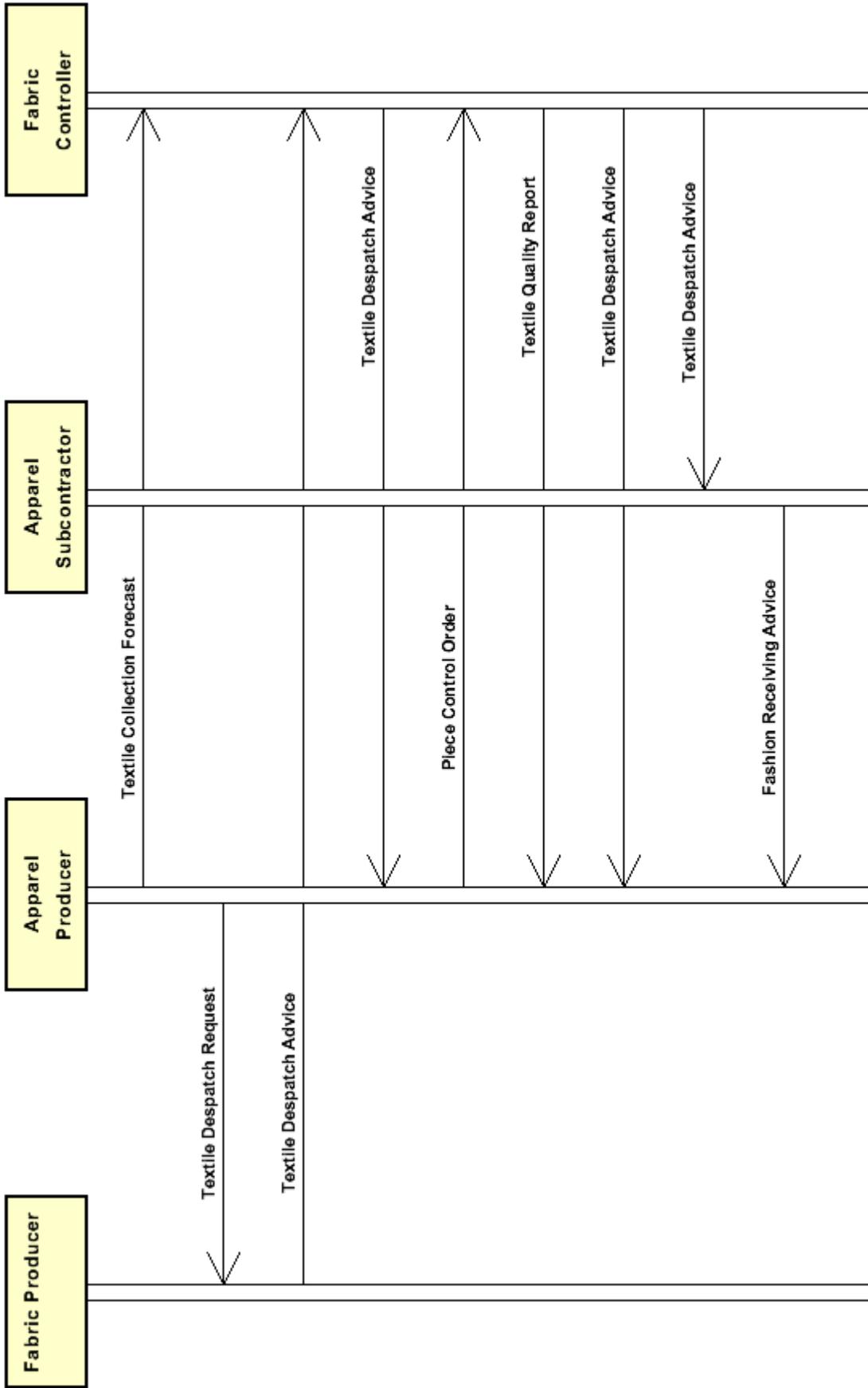
The Order can refer to one or more pieces and can be used either in conjunction with the "Textile Despatch Advise" (1 DA : 1 Order) or indipendently.

In the first instance the reference to the Despatch Advise must be given in the Header; in the second each piece can have at item level its reference to the document with which it was registered by the Controller.

Each line item refers to one fabric piece and indicates the inspection code and the ultimate receiver of the piece.

### 1.3. Possible scenario

Fabric delivery with quality reporting by controller





## 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 occurrences); 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

#### TEXControlOrder

*@msgfunction [Optional] [Default= OR]*

*@version [Optional] [Default= draft]*

*@useProfile [Optional]*

#### | **PCOheader 1-1**

| | msgN 1-1

| | - choose -

| | msgID 0-1

| | - or -

| | docID 0-1

| | *@numberingOrg [Optional]*

| | - end choose -

| | msgDate 1-1

| | *@dateForm [Optional]*

#### | **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
- | | **thirdParty 0-5**
- | | | *@VAT [Optional]*
- | | | *@role [Required]*
- | | | *@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]*

| **PCObody 1-1**

- | | **PCOitem 1-unbounded**
- | | | serialN 1-9
- | | | *@numberingOrg [Optional]*
- | | | *@idQualifier [Optional]*
- | | | **texCode 0-2**
- | | | *@numberingOrg [Optional]*
- | | | art 1-1
- | | | *@numberingOrg [Optional]*
- | | | *@codeList [Optional]*
- | | | *@listName [Optional]*
- | | | *@listVersion [Optional]*
- | | | pattern 0-1
- | | | *@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]

**refDoc 0-5**  
 @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]

| mimeTypeCode 0-1

| formatCode 0-1

| encodingCode 0-1

| characterSetCode 0-1

pieceControl 1-1  
 @numberingOrg [Optional]

**thirdParty 0-3**  
 @VAT [Optional]

@role [Required]

@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]

## 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 syntax 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.

<b>attachment</b>	an attached document. An attachment can refer to an external document or be included with the document being exchanged (XPath <code>TEXControlOrder/PCObody/PCOitem/refDoc/attachment</code> ) 0-1
<b>buyer</b>	details of the Buyer (party that buys the good or service that is object of the current collaborative process) - base type: Nad, (XPath <code>TEXControlOrder/PCOheader/buyer</code> ) 1-1
<b>externalReference</b>	details about an external object, such as a document stored at a remote location (XPath <code>TEXControlOrder/PCObody/PCOitem/refDoc/attachment/externalReference</code> ) 0-99
<b>PCObody</b>	body of the document PIECE CONTROL ORDER (XPath <code>TEXControlOrder/PCObody</code> ) 1-1
<b>PCOheader</b>	header of the document PIECE CONTROL ORDER (XPath <code>TEXControlOrder/PCOheader</code> ) 1-1
<b>PCOitem</b>	line item of the document PIECE CONTROL ORDER (XPath <code>TEXControlOrder/PCObody/PCOitem</code> ) 1-unbounded
<b>refDoc</b>	identification of a document and of an item thereof, to which the message makes reference (XPath <code>TEXControlOrder/PCObody/PCOitem/refDoc</code> ) 0-5
<b>supplier</b>	details of the Supplier (party that supplies the good or service that is object of the current collaborative process) - base type: Nad, (XPath <code>TEXControlOrder/PCOheader/supplier</code> ) 1-1
<b>texCode</b>	full codification of the textile product (XPath <code>TEXControlOrder/PCObody/PCOitem/texCode</code> ) 0-2
<b>thirdParty</b>	details of the Third Party, different from Buyer or Supplier - base type: Nad, (XPath <code>TEXControlOrder/PCOheader/thirdParty</code> ) 0-5 (XPath <code>TEXControlOrder/PCObody/PCOitem/thirdParty</code> ) 0-3 - note: <i>here the receiver of the fabric piece after the inspection can be specified</i>

### 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.

<b>added</b>	additional code of the product (complementing the formers) - base type: string, max length: 80,
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	(XPath <code>TEXControlOrder/PCObody/PCOitem/texCode/added</code> ) 0-9 - note: <i>here an additional codification (see table T44) can be specified</i>
additionalIdentifier	additional identification code of a Party, for example customs registries or others - base type: string, max length: 15, (XPath <code>TEXControlOrder/PCOheader/supplier/additionalIdentifier</code> ) 0-9 - note: <i>identifiers for example for exports, such as MID (Manufacturer Identification Code), EORI (E.O.R.I. - Economic Operator Registration and Identification)</i> (XPath <code>TEXControlOrder/PCOheader/buyer/additionalIdentifier</code> ) 0-9 - note: <i>identifiers for example for exports, such as MID (Manufacturer Identification Code), EORI (E.O.R.I. - Economic Operator Registration and Identification)</i>
@addType	qualifier of the additional coding of a product - base type: string, cod. table: T44 <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T44.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T44.xml</a> (XPath <code>TEXControlOrder/PCObody/PCOitem/texCode/added/@addType</code> ) [Optional] - nota: <i>addType allows the clarification of the meaning of the added element content; it is strongly suggested to use it always.</i>
art	article number of the product - base type: string, max length: 80, (XPath <code>TEXControlOrder/PCObody/PCOitem/texCode/art</code> ) 1-1 - note: <i>can be used either for the base-article (excluding pattern/colour) or for the SKU</i>
binaryObject	a binary large object containing an attached document - base type: base64Binary, (XPath <code>TEXControlOrder/PCObody/PCOitem/refDoc/attachment/binaryObject</code> ) 0-1
@characterSet	the character set of the binary object if the mime type is text - base type: normalizedString, (XPath <code>TEXControlOrder/PCObody/PCOitem/refDoc/attachment/binaryObject/@characterSet</code> ) [Optional]
characterSetCode	the character set of an external document - base type: normalizedString, (XPath <code>TEXControlOrder/PCObody/PCOitem/refDoc/attachment/externalReference/characterSetCode</code> ) 0-1
city	name of the city (town, village) - base type: string, max length: 40, (XPath <code>TEXControlOrder/PCOheader/buyer/city</code> ) 0-1 (XPath <code>TEXControlOrder/PCOheader/supplier/city</code> ) 0-1 (XPath <code>TEXControlOrder/PCObody/PCOitem/thirdParty/city</code> ) 0-1 (XPath <code>TEXControlOrder/PCOheader/thirdParty/city</code> ) 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 <code>TEXControlOrder/PCObody/PCOitem/refDoc/season/@codeList</code> ) [Optional] (XPath <code>TEXControlOrder/PCOheader/note/@codeList</code> ) [Optional] - nota: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i> (XPath <code>TEXControlOrder/PCObody/PCOitem/texCode/color/@codeList</code> ) [Optional] - nota: <i>this attribute could be used as alternative to the others</i> (XPath <code>TEXControlOrder/PCObody/PCOitem/note/@codeList</code> ) [Optional] - nota: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i> (XPath <code>TEXControlOrder/PCObody/PCOitem/texCode/art/@codeList</code> ) [Optional] - nota: <i>this attribute should be ALTERNATIVE to the others</i> (XPath <code>TEXControlOrder/PCObody/PCOitem/texCode/pattern/@codeList</code> ) [Optional] - nota: <i>this attribute should be ALTERNATIVE to the others</i>
color	colour number of the product, when not included in the model or fabric code - base type: string, max length: 15,

	(XPath <code>TEXControlOrder/PCObody/PCOitem/texCode/color</code> ) 0-1
country	code of the nation - base type: string, cod. table: T10 <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml</a> (XPath <code>TEXControlOrder/PCObody/PCOitem/thirdParty/country</code> ) 0-1 (XPath <code>TEXControlOrder/PCOheader/supplier/country</code> ) 0-1 (XPath <code>TEXControlOrder/PCOheader/buyer/country</code> ) 0-1 (XPath <code>TEXControlOrder/PCOheader/thirdParty/country</code> ) 0-1
@dateForm	format used for the date - base type: string, cod. table: NT29 <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml</a> (XPath <code>TEXControlOrder/PCObody/PCOitem/refDoc/docDate/@dateForm</code> ) [Optional] (XPath <code>TEXControlOrder/PCOheader/msgDate/@dateForm</code> ) [Optional]
dept	name or code of a contact department within a Party - base type: string, max length: 40, (XPath <code>TEXControlOrder/PCOheader/supplier/dept</code> ) 0-1 (XPath <code>TEXControlOrder/PCOheader/thirdParty/dept</code> ) 0-1 (XPath <code>TEXControlOrder/PCOheader/buyer/dept</code> ) 0-1 (XPath <code>TEXControlOrder/PCObody/PCOitem/thirdParty/dept</code> ) 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 <code>TEXControlOrder/PCObody/PCOitem/texCode/description</code> ) 0-unbounded - note: <i>Product description</i>
docDate	date of issue of the referenced document, according to one of the patterns YYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath <code>TEXControlOrder/PCObody/PCOitem/refDoc/docDate</code> ) 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 <code>TEXControlOrder/PCOheader/docID</code> ) 0-1 (XPath <code>TEXControlOrder/PCObody/PCOitem/refDoc/docID</code> ) 1-2
@docType	type or class to which the referenced document belongs - base type: string, cod. table: T21 <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml</a> (XPath <code>TEXControlOrder/PCObody/PCOitem/refDoc/@docType</code> ) [Required]
@email	electronic mail address of the contact person within a Party - base type: string, max length: 250, (XPath <code>TEXControlOrder/PCOheader/thirdParty/person/@email</code> ) [Optional] (XPath <code>TEXControlOrder/PCObody/PCOitem/thirdParty/person/@email</code> ) [Optional] (XPath <code>TEXControlOrder/PCOheader/buyer/person/@email</code> ) [Optional] (XPath <code>TEXControlOrder/PCOheader/supplier/person/@email</code> ) [Optional]
@encoding	specifies the decoding algorithm of the binary object - base type: normalizedString, (XPath <code>TEXControlOrder/PCObody/PCOitem/refDoc/attachment/binaryObject/@encoding</code> ) [Optional]
encodingCode	the encoding/decoding algorithm used with the external object - base type: normalizedString, (XPath <code>TEXControlOrder/PCObody/PCOitem/refDoc/attachment/externalReference/encodingCode</code> ) 0-1
@fax	fax number of the contact person within a Party - base type: string, max length: 35, (XPath <code>TEXControlOrder/PCOheader/buyer/person/@fax</code> ) [Optional] (XPath <code>TEXControlOrder/PCOheader/supplier/person/@fax</code> ) [Optional]

	(XPath TEXControlOrder/PCOheader/thirdParty/person/@fax) [Optional] (XPath TEXControlOrder/PCObody/PCOitem/thirdParty/person/@fax) [Optional]
fileName	unique identifier (name) of the file - base type: string, max length: 255, (XPath TEXControlOrder/PCObody/PCOitem/refDoc/attachment/fileName) 0-1
@format	the format of the binary content - base type: string, (XPath TEXControlOrder/PCObody/PCOitem/refDoc/attachment/binaryObject/@format) [Optional]
formatCode	the format of the external object - base type: normalizedString, (XPath TEXControlOrder/PCObody/PCOitem/refDoc/attachment/externalReference/formatCode) 0-1
id	primary identification code of a Party; it is recommended the format: nation code (ISO 3166) + VAT identification number (11 crt), with the qualifier "numberingOrg"= MF - base type: string, max length: 15, (XPath TEXControlOrder/PCObody/PCOitem/thirdParty/id) 1-1 (XPath TEXControlOrder/PCOheader/supplier/id) 1-1 (XPath TEXControlOrder/PCOheader/buyer/id) 1-1 (XPath TEXControlOrder/PCOheader/thirdParty/id) 1-1
@idQualifier	Qualification of the identifier. - base type: string, (XPath TEXControlOrder/PCOheader/buyer/additionalIdentifier/@idQualifier) [Optional] - nota: <i>this attribute should be used when the numberingOrg attribute is not enough to declare the type of identifier</i> (XPath TEXControlOrder/PCObody/PCOitem/serialN/@idQualifier) [Optional] - nota: <i>this attribute should be used when the numberingOrg attribute is not enough to declare the type of serial identifier</i> (XPath TEXControlOrder/PCOheader/supplier/additionalIdentifier/@idQualifier) [Optional] - nota: <i>this attribute should be used when the numberingOrg attribute is not enough to declare the type of identifier</i>
@isURL	it indicates if the referred element is an URL (true) or not (false) - base type: boolean, (XPath TEXControlOrder/PCObody/PCOitem/refDoc/attachment/externalReference/uri/@isURL) [Optional] [Default= true] - nota: <i>usage of URLs is recommended</i>
itemID	number of the line/item of the referenced document - base type: string, max length: 6, (XPath TEXControlOrder/PCObody/PCOitem/refDoc/itemID) 0-1
legalName	legal name of a Party - base type: string, max length: 250, (XPath TEXControlOrder/PCObody/PCOitem/thirdParty/legalName) 0-1 (XPath TEXControlOrder/PCOheader/supplier/legalName) 0-1 (XPath TEXControlOrder/PCOheader/thirdParty/legalName) 0-1 (XPath TEXControlOrder/PCOheader/buyer/legalName) 0-1
@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 TEXControlOrder/PCObody/PCOitem/texCode/color/@listName) [Optional] - nota: <i>this attribute should always be used coupled with "numberingOrg"</i> (XPath TEXControlOrder/PCObody/PCOitem/texCode/pattern/@listName) [Optional]

	<p>- nota: <i>this attribute should always be used coupled with “numberingOrg”</i> (XPath TEXControlOrder/PCObody/PCOitem/texCode/art/@listName) [Optional]</p> <p>- nota: <i>this attribute should always be used coupled with “numberingOrg”</i> (XPath TEXControlOrder/PCObody/PCOitem/refDoc/season/@listName) [Optional]</p>
@listVersion	<p>it specifies the version of the list of codes used to make an instance of the element</p> <p>- base type: string, max length: 6, (XPath TEXControlOrder/PCObody/PCOitem/texCode/pattern/@listVersion) [Optional]</p> <p>- nota: <i>this attribute should always be used coupled with “numberingOrg” and “listName”</i> (XPath TEXControlOrder/PCObody/PCOitem/refDoc/season/@listVersion) [Optional]</p> <p>(XPath TEXControlOrder/PCObody/PCOitem/texCode/art/@listVersion) [Optional]</p> <p>- nota: <i>this attribute should always be used coupled with “numberingOrg” and “listName”</i> (XPath TEXControlOrder/PCObody/PCOitem/texCode/color/@listVersion) [Optional]</p> <p>- nota: <i>this attribute should always be used coupled with “numberingOrg” and “listName”</i></p>
@ln	<p>Language code.</p> <p>- base type: string, (XPath TEXControlOrder/PCObody/PCOitem/texCode/description/@ln) [Optional]</p>
@logo	<p>company logo (URL of the image jpeg or gif). It is recommended that the width of the image does not exceed 640 pixel.</p> <p>- base type: string, max length: 255, (XPath TEXControlOrder/PCOheader/supplier/@logo) [Optional] (XPath TEXControlOrder/PCOheader/buyer/@logo) [Optional]</p>
@mime	<p>the mime type of the binary object</p> <p>- base type: normalizedString, (XPath TEXControlOrder/PCObody/PCOitem/refDoc/attachment/binaryObject/@mime) [Optional]</p>
mimeCode	<p>mime type of the external object</p> <p>- base type: normalizedString, (XPath TEXControlOrder/PCObody/PCOitem/refDoc/attachment/externalReference/mimeCode) 0-1</p>
msgDate	<p>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.</p> <p>- base type: string, (XPath TEXControlOrder/PCOheader/msgDate) 1-1</p>
@msgfunction	<p>function performed by the present message with regards to the transmission</p> <p>- base type: string, cod. table: NT18 <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT18.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT18.xml</a> (XPath TEXControlOrder/@msgfunction) [Optional] [Default= OR]</p>
msgID	<p>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.</p> <p>- base type: string, max length: 35, (XPath TEXControlOrder/PCOheader/msgID) 0-1</p>
msgN	<p>identification number given to the message (xml document) by its issuer. In case of more despatches of the same business document, it changes.</p> <p>- base type: string, max length: 35, (XPath TEXControlOrder/PCOheader/msgN) 1-1</p>
note	<p>free text or structured (computer processing) note. For note structuring use the attributes "noteLabel" and "codelist"</p> <p>- base type: string, max length: 350,</p>

	(XPath TEXControlOrder/PCObody/PCOitem/note) 0-99 (XPath TEXControlOrder/PCOheader/note) 0-99
@noteLabel	subject qualifier of a note - base type: string, max length: 35, (XPath TEXControlOrder/PCOheader/note/@noteLabel) [Optional] - nota: <i>must be used to qualify the subject of the note</i> (XPath TEXControlOrder/PCObody/PCOitem/note/@noteLabel) [Optional] - nota: <i>must be used to qualify the subject of the note</i>
@numberingOrg	code specifying the organisation who has created or owns the coding or numbering system - base type: string, cod. table: NT6 <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml</a> (XPath TEXControlOrder/PCObody/PCOitem/note/@numberingOrg) [Optional] (XPath TEXControlOrder/PCObody/PCOitem/thirdParty/id/@numberingOrg) [Optional] (XPath TEXControlOrder/PCObody/PCOitem/refDoc/season/@numberingOrg) [Optional] (XPath TEXControlOrder/PCObody/PCOitem/pieceControl/@numberingOrg) [Optional] (XPath TEXControlOrder/PCObody/PCOitem/refDoc/attachment/fileName/@numberingOrg) [Optional] (XPath TEXControlOrder/PCObody/PCOitem/refDoc/docID/@numberingOrg) [Optional] - nota: <i>here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)</i> (XPath TEXControlOrder/PCOheader/note/@numberingOrg) [Optional] (XPath TEXControlOrder/PCOheader/buyer/id/@numberingOrg) [Optional] (XPath TEXControlOrder/PCOheader/docID/@numberingOrg) [Optional] - nota: <i>here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)</i> (XPath TEXControlOrder/PCOheader/buyer/additionalIdentifier/@numberingOrg) [Optional] - nota: <i>here the issuer of the identifier must be specified</i> (XPath TEXControlOrder/PCOheader/thirdParty/id/@numberingOrg) [Optional] (XPath TEXControlOrder/PCOheader/supplier/additionalIdentifier/@numberingOrg) [Optional] - nota: <i>here the issuer of the identifier must be specified</i> (XPath TEXControlOrder/PCOheader/supplier/id/@numberingOrg) [Optional] (XPath TEXControlOrder/PCObody/PCOitem/texCode/added/@numberingOrg) [Optional] (XPath TEXControlOrder/PCObody/PCOitem/texCode/pattern/@numberingOrg) [Optional] - nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i> (XPath TEXControlOrder/PCObody/PCOitem/texCode/color/@numberingOrg) [Optional] - nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i> (XPath TEXControlOrder/PCObody/PCOitem/serialN/@numberingOrg) [Optional] - nota: <i>here the issuer of the serial number must be specified (when different from the Supplier)</i> (XPath TEXControlOrder/PCObody/PCOitem/texCode/@numberingOrg) [Optional] (XPath TEXControlOrder/PCObody/PCOitem/texCode/art/@numberingOrg) [Optional] - nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i>
pattern	pattern/design number of the product, when not included in the article code - base type: string, max length: 15, (XPath TEXControlOrder/PCObody/PCOitem/texCode/pattern) 0-1

person	name of the contact person within a Party - base type: string, max length: 40, (XPath TEXControlOrder/PCOheader/supplier/person) 0-1 (XPath TEXControlOrder/PCOheader/buyer/person) 0-1 (XPath TEXControlOrder/PCObody/PCOitem/thirdParty/person) 0-1 (XPath TEXControlOrder/PCOheader/thirdParty/person) 0-1
@phone	phone number of the contact person within a Party - base type: string, max length: 35, (XPath TEXControlOrder/PCOheader/buyer/person/@phone) [Optional] (XPath TEXControlOrder/PCOheader/thirdParty/person/@phone) [Optional] (XPath TEXControlOrder/PCOheader/supplier/person/@phone) [Optional] (XPath TEXControlOrder/PCObody/PCOitem/thirdParty/person/@phone) [Optional]
pieceControl	code assigned to a fabric piece to specify the type of control required/performed - base type: string, max length: 7, (XPath TEXControlOrder/PCObody/PCOitem/pieceControl) 1-1
postCode	code defining the postal zone - base type: string, max length: 10, (XPath TEXControlOrder/PCObody/PCOitem/thirdParty/postCode) 0-1 (XPath TEXControlOrder/PCOheader/thirdParty/postCode) 0-1 (XPath TEXControlOrder/PCOheader/buyer/postCode) 0-1 (XPath TEXControlOrder/PCOheader/supplier/postCode) 0-1
@role	Third Party role qualifier - base type: string, cod. table: NT2 <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT2.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT2.xml</a> (XPath TEXControlOrder/PCOheader/thirdParty/@role) [Required] (XPath TEXControlOrder/PCObody/PCOitem/thirdParty/@role) [Required]
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 TEXControlOrder/PCObody/PCOitem/refDoc/season) 0-1 - note: <i>here indicates the season to which the referenced document belongs</i>
@sender	qualifier that specifies the Party issuing of the document - base type: boolean, (XPath TEXControlOrder/PCOheader/thirdParty/@sender) [Optional] - nota: <i>This attribute is mandatory when the STYLESHEET must be used</i> (XPath TEXControlOrder/PCObody/PCOitem/thirdParty/@sender) [Optional] - nota: <i>This attribute is mandatory when the STYLESHEET must be used</i> (XPath TEXControlOrder/PCOheader/buyer/@sender) [Optional] - nota: <i>This attribute is mandatory when the STYLESHEET must be used</i> (XPath TEXControlOrder/PCOheader/supplier/@sender) [Optional] - nota: <i>This attribute is mandatory when the STYLESHEET must be used</i>
serialN	serial number used for the identification of a physical unit - base type: string, max length: 250, (XPath TEXControlOrder/PCObody/PCOitem/serialN) 1-9 - note: <i>multiple values of serialN are allowed in order to provide different representations of the serial identifier of the same piece. Different instances of serialN must differ at least for one value of idQualifier or numberingOrg</i>
street	street and building number identifying a location - base type: string, max length: 80, (XPath TEXControlOrder/PCOheader/thirdParty/street) 0-1 (XPath TEXControlOrder/PCObody/PCOitem/thirdParty/street) 0-1 (XPath TEXControlOrder/PCOheader/buyer/street) 0-1 (XPath TEXControlOrder/PCOheader/supplier/street) 0-1
subCountry	short name or code of the sub-country entity - base type: string, max length: 9,

	(XPath TEXControlOrder/PCOheader/thirdParty/subCountry) 0-1 (XPath TEXControlOrder/PCOheader/supplier/subCountry) 0-1 (XPath TEXControlOrder/PCObody/PCOitem/thirdParty/subCountry) 0-1 (XPath TEXControlOrder/PCOheader/buyer/subCountry) 0-1
subDept	name or code of a contact department within a Party - base type: string, max length: 40, (XPath TEXControlOrder/PCOheader/thirdParty/subDept) 0-1 (XPath TEXControlOrder/PCOheader/supplier/subDept) 0-1 (XPath TEXControlOrder/PCObody/PCOitem/thirdParty/subDept) 0-1 (XPath TEXControlOrder/PCOheader/buyer/subDept) 0-1
@uid	unique element identifier within the xml document - base type: string, (XPath TEXControlOrder/PCObody/PCOitem/refDoc/attachment/@uid) [Optional]
uri	Uniform Resource Identifier (URI) that identifies the external object as an Internet resource - base type: normalizedString, (XPath TEXControlOrder/PCObody/PCOitem/refDoc/attachment/externalReference/uri) 1-1
@useProfile	use profile to which the present document is compliant if it was agreed by the parties. It is suggested a URI with reference to the firm or the URL of the profile. - base type: string, (XPath TEXControlOrder/@useProfile) [Optional]
@VAT	VAT rate or code (DEPRECATED, use dtScheme element) - base type: string, cod. table: NT16 <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT16.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT16.xml</a> (XPath TEXControlOrder/PCObody/PCOitem/thirdParty/@VAT) [Optional] (XPath TEXControlOrder/PCOheader/thirdParty/@VAT) [Optional]
@version	Dictionary version from which the instance has been created - base type: string, cod. table: NT100 <a href="http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT100.xml">http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT100.xml</a> (XPath TEXControlOrder/@version) [Optional] [Default= draft]

## 2.3 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

NT2 - third party qualifier

NT29 - format of a date

NT6 - coding system owner/issuer

T10 - ISO3166 - Country

T21 - type of document

T44 - additional code type

## ACKNOWLEDGEMENT



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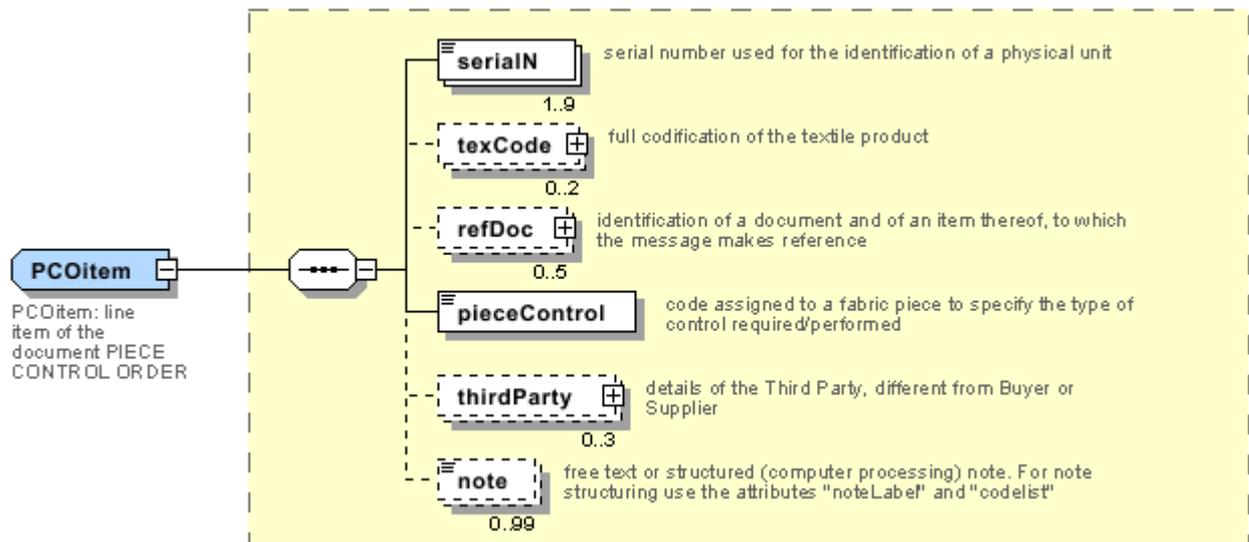
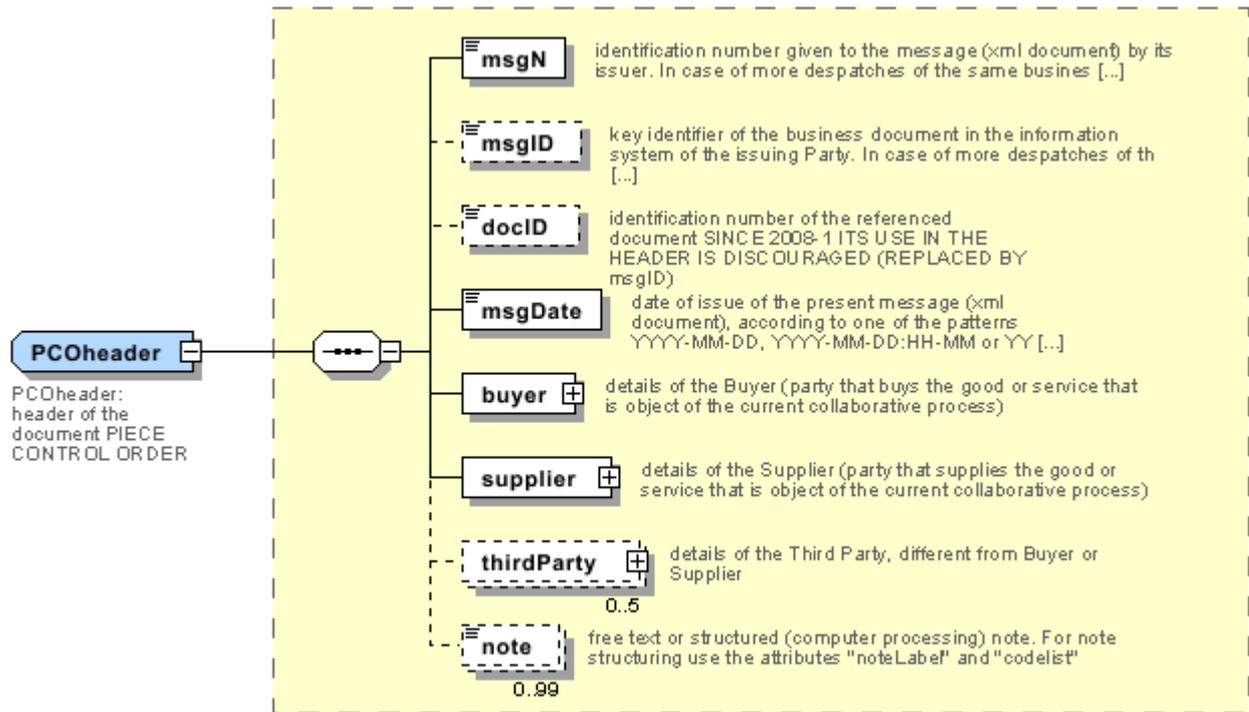
## DISCLAIMER

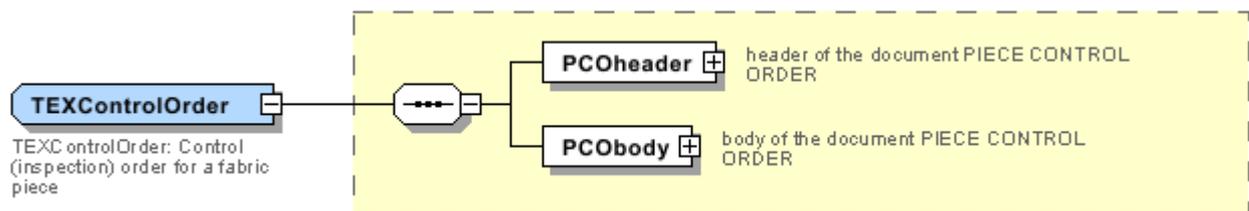
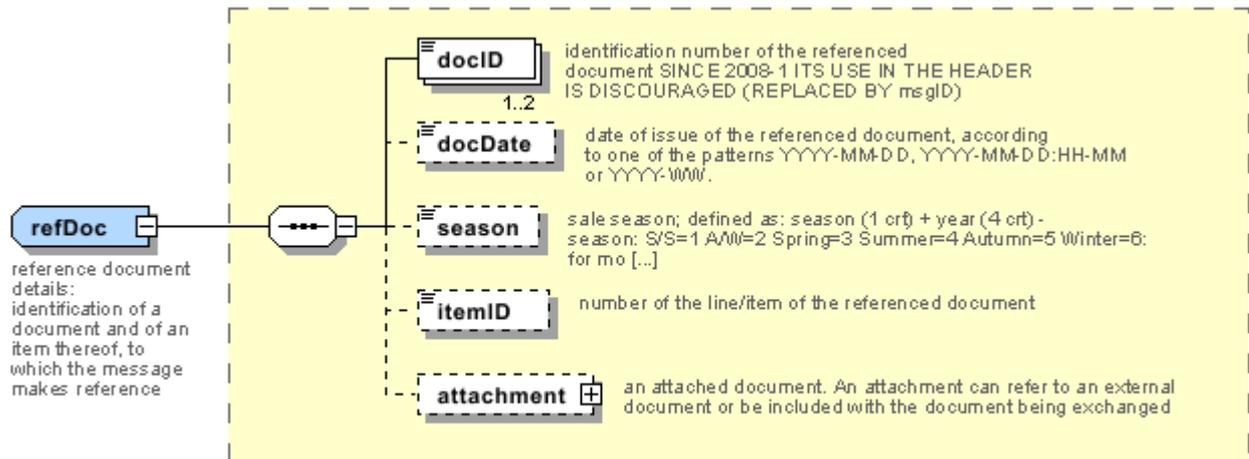
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# Annex A

Representative images of the principal complex elements' structure.







## 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](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](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](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		

### NT2 - third party qualifier

Third Party role qualifier

Agency name: eBIZ

tabella cod.: NT2

File codes list (Generic code): [http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc\\_NT2.xml](http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT2.xml)

Code	Description	Adoption note	Date of insertion
AG	Sales Agent		
CO	Quality Controller		
DC	Response to		
DF	Invoicee		
DI	Copy to (CC)		28/10/2014
DM	Consignee		
DP	Consignment address (Delivery Party)		
IM	Importer		
OR	Originator		10/09/2014
SP	Forwarder		
TX	Tax Representative		

#### 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](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](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		

### 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](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](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](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		