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DRAFT

Extract from IMPLEMENTATION GUIDE
TRANSACTION "FASHION COMMISSION ORDER"

Version: draft

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Document code: G040e

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: G040-eBIZ-FashionCommissionOrder.pdf

0. PREMISE

This document contains a proposal for the updating and extension of eBIZ specifications starting from the eBIZ version 2018. 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 **TRICK project** funded by the European Commission: grant agreement 958352, call H2020-LOW-CARBON-CIRCULAR-INDUSTRIES-2020 / H2020-LCCI-2020-EASME-twostage.

The technical contents are backwards compatible with the latest official published version, with the exclusion of the totally new concepts added explicitly for the version that are thought as incremental evolution of the knowledge base.

1. BUSINESS DESCRIPTION

1.1 Scope

This guide is intended to illustrate the standard XML form of the "FASHION COMMISSION ORDER" document type to companies in the fashion sector, providing instructions for their use in the electronic commerce context between fashion subcontractors and their customers as illustrated in the enclosed diagram

All the rules necessary for the construction and validation of the document are expressed through a specific XML schema, which is presented in detail in paragraph 3.

1.2 Generalities

The FASHION Commission Order is used by the commissioner Company to commit to a Sub-contractor

Each commission order can include one or more operations of the manufacturing cycle, each one corresponding to a line item

The document can be used either to order the manufacturing of finished goods or of component parts of them.

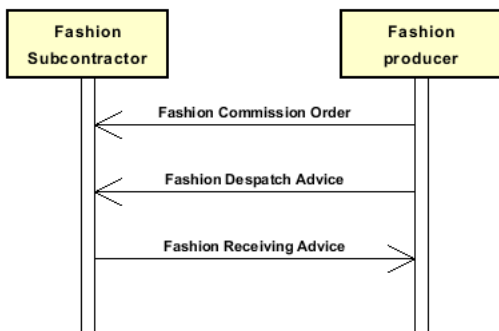
When the Commissioner orders a sequence of operations to different Sub-contractors, he can use this document also to dispose the delivering of semifinished goods from one Sub-contractor to the next.

This document specifies only the technology (when necessary) and the characteristics of the final product and of the initial goods (components) to be used in the manufacturing; it can also give directives that involve also nth-tier sub-subcontractors in order to be compliant with requirements like CITES or Country of Origin

The output product specified in each line item can be the inputcomponent in a following line item also in the same Commission order.

1.3. Possible scenario

Subcontracted fashion manufacturing



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

KnitClothOrder

```
@msgfunction [Optional] [Default= OR]
@version [Optional] [Default= 2018-1]
@useProfile [Optional]
@KCCOtype [Optional]
| KCCOheader 1-1
| | msgN 1-1
| | - choose -
| | | msgID 0-1
| | | - or -
| | | docID 0-1
| | | @numberingOrg [Optional]
| | | - end choose -
| | | msgDate 1-1
| | | @dateForm [Optional]
| | | season 0-1
| | | @numberingOrg [Optional]
| | | @codeList [Optional]
| | | @listName [Optional]
| | | @listVersion [Optional]
| | | msgCurrency 0-1
| | | validityStart 0-1
| | | @dateForm [Optional]
| | | validityEnd 0-1
| | | @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

geoCoordinates 0-1

| @um [Optional] [Default= DEGD]

| @geoReferenceSystem [Optional]

| | xGeoCoord 1-1

| | yGeoCoord 1-1

| | zGeoCoord 0-0

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

geoCoordinates 0-1

| @um [Optional] [Default= DEGD]

| @geoReferenceSystem [Optional]

| | xGeoCoord 1-1

| | yGeoCoord 1-1

| | zGeoCoord 0-0

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
 | | | **geoCoordinates 0-1**
 | | | @um [Optional] [Default= DEGD]
 | | | @geoReferenceSystem [Optional]
 | | | | xGeoCoord 1-1
 | | | | yGeoCoord 1-1
 | | | | zGeoCoord 0-0
 | | | note 0-99
 | | | @numberingOrg [Optional]
 | | | @codeList [Optional]
 | | | @noteLabel [Optional]

| **terms 0-1**

| | **payment 0-5**
 | | | @finDiscount [Optional]
 | | | @finSurcharge [Optional]
 | | | - choose -
 | | | | payTerm 1-1
 | | | | - or -
 | | | | | payTermText 1-1
 | | | | | - end choose -
 | | | | | payMode 0-1
 | | | **insPayment 0-5**
 | | | @part [Required]
 | | | - choose -
 | | | | payTerm 1-1
 | | | | - or -
 | | | | | payTermText 1-1
 | | | | | - end choose -
 | | | | | payMode 0-1
 | | | **trade 0-1**
 | | | - choose -
 | | | | incoTermText 1-1
 | | | | - or -
 | | | | | incoTerm 1-1
 | | | | | - end choose -
 | | | | | location 0-1
 | | | | | @LRI [Optional]
 | | | **transInfo 0-5**
 | | | @transReason [Optional]
 | | | @progr [Optional]
 | | | | transMode 1-1
 | | | | carrier 0-1
 | | | - choose -
 | | | | **deliveryLocation 0-1**
 | | | | | location 0-1
 | | | | | @LRI [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
 | | | | | **geoCoordinates 0-1**
 | | | | | @um [Optional] [Default= DEGD]
 | | | | | @geoReferenceSystem [Optional]
 | | | | | | xGeoCoord 1-1
 | | | | | | yGeoCoord 1-1
 | | | | | | zGeoCoord 0-0
 | | | | - or -
 | | | | deliveryPlace 0-1

```

- end choose -
| | grossWeight 0-1
| |   @um [Required]
| | netWeight 0-1
| |   @um [Required]
| | transMeans 0-1
| |   @propulsionSystemCode [Optional]
| | transCondition 0-3
| | transConditionText 0-1
- choose -
| | despatchPlace 0-1
- or -
| | despatchLocation 0-1
| |   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
| |   geoCoordinates 0-1
| |     @um [Optional] [Default= DEGD]
| |     @geoReferenceSystem [Optional]
| |       xGeoCoord 1-1
| |       yGeoCoord 1-1
| |       zGeoCoord 0-0
- end choose -
| | despatchDate 0-1
| |   @dateForm [Optional]
| | delEffectiveDate 0-1
| |   @dateForm [Optional]
| | routeLength 0-1
| |   @um [Required]
| | allowanceCharge 0-9
| |   @um [Optional]
| |   @VAT [Optional]
| |   @minQty [Optional]
| |   @currency [Optional]
| |   @maxQty [Optional]
| |   @isCharge [Optional]
- choose -
| | AC_category 1-1
- or -
| | AC_categoryText 1-1
- end choose -
- choose -
| | AC_percent 1-1
- or -
| | AC_amount 1-1
| |   @currency [Optional]
- end choose -
| | dtScheme 0-1
| |   @taxType [Required]
| |   taxCategory 0-1
| |   taxRate 0-1
| |   legalRef 0-1
| |   @numberingOrg [Optional]
| |   @codeList [Optional]
| |   @listName [Optional]
| |   @listVersion [Optional]
| |   note 0-99
| |   @numberingOrg [Optional]
| |   @codeList [Optional]

```

| | | | @noteLabel [Optional]

| **garComInfo 0-1**

| @endUse [Optional]

| season 0-1

| | @numberingOrg [Optional]

| | @codeList [Optional]

| | @listName [Optional]

| | @listVersion [Optional]

| brand 0-1

| | @numberingOrg [Optional]

| | @codeList [Optional]

| | @listName [Optional]

| | @listVersion [Optional]

| productLine 0-1

| | @numberingOrg [Optional]

| | @codeList [Optional]

| | @listName [Optional]

| | @listVersion [Optional]

| project 0-1

| operationalCode 0-19

| | @numberingOrg [Optional]

| | @codeList [Optional]

| | @listName [Optional]

| | @listVersion [Optional]

| | @codeQualifier [Optional]

| deliveryDate 0-1

| | @dateForm [Optional]

| specDate 0-1

| | @dateForm [Optional]

- choose -

| **yarnPack 0-1**

| | **yarnReel 1-1**

| | | @reelType [Required]

| | | @reelMat [Optional]

| | | | yarnReelID 0-1

| | | | | @um [Required]

| | | | yarnReelH 0-1

| | | | | @um [Required]

| | | | yarnConeAngle 0-1

| | | | yarnReelQty 0-2

| | | | | @um [Required]

| | | | label 0-1

| | | | labelWrit 0-1

| | | **yarnInWrap 0-1**

| | | | yarnReelWrap 1-1

| | | | label 0-1

| | | | labelWrit 0-1

- choose -

| | | yarnOutWrapText 0-1

- or -

| | | yarnOutWrap 0-1

- end choose -

- or -

| **piecePack 0-1**

- choose -

| | piecePackText 1-1

- or -

| | | pieceInnWrap1 1-1

| | | pieceInnWrap2 0-1

| | | pieceOutWrap 0-1

- end choose -

- or -

| **acsPack 0-1**

- choose -

| | acsPackCode 1-1

| | | @numberingOrg [Optional]

| | | @codeList [Optional]


```

| | | @listName [Optional]
| | | @listVersion [Optional]
| | - or -
| | | acsPackText 1-1
| | - end choose -
- or -
| | garPack 0-1
| | - choose -
| | | garPackCode 1-1
| | | | @numberingOrg [Optional]
| | | | @codeList [Optional]
| | | | @listName [Optional]
| | | | @listVersion [Optional]
| | | - or -
| | | | garPackText 1-1
| | | - end choose -
| | - end choose -
| | | note 0-99
| | | | @numberingOrg [Optional]
| | | | @codeList [Optional]
| | | | @noteLabel [Optional]

| KCCObody 1-1
| | KCCOitem 1-unbounded
| | | @productLevel [Optional] [Default= END]
| | | | lineN 1-1
| | | | | @VAT [Optional]
| | | | | lineID 0-1
| | | | | priority 0-1
| | | | apparelProd 1-1
| | | | - choose -
| | | | | garmentPartCode 1-2
| | | | | | @numberingOrg [Optional]
| | | | | | | gPart 1-1
| | | | | | | mod 1-1
| | | | | | | | @numberingOrg [Optional]
| | | | | | | | @codeList [Optional]
| | | | | | | | @listName [Optional]
| | | | | | | | @listVersion [Optional]
| | | | | | | fabric 0-1
| | | | | | | | @numberingOrg [Optional]
| | | | | | | | @codeList [Optional]
| | | | | | | | @listName [Optional]
| | | | | | | | @listVersion [Optional]
| | | | | | | color 0-1
| | | | | | | | @numberingOrg [Optional]
| | | | | | | | @codeList [Optional]
| | | | | | | | @listName [Optional]
| | | | | | | | @listVersion [Optional]
| | | | | | | added 0-19
| | | | | | | | @numberingOrg [Optional]
| | | | | | | | @addType [Optional]
| | | | | | | size 0-1
| | | | | | | | @numberingOrg [Optional]
| | | | | | | | @codeList [Optional]
| | | | | | | | @listName [Optional]
| | | | | | | | @listVersion [Optional]
| | | | | | | description 0-unbounded
| | | | | | | | @ln [Optional]
| | | | - or -
| | | | | garmentCode 1-2
| | | | | | @numberingOrg [Optional]
| | | | | - choose -
| | | | | | garmentCodeB 1-1
| | | | | | | @numberingOrg [Optional]
| | | | | | | | mod 1-1
| | | | | | | | @numberingOrg [Optional]
| | | | | | | | @codeList [Optional]

```

```

| | | | | @listName [Optional]
| | | | | @listVersion [Optional]
| | | | | fabric 0-1
| | | | | @numberingOrg [Optional]
| | | | | @codeList [Optional]
| | | | | @listName [Optional]
| | | | | @listVersion [Optional]
| | | | | color 0-1
| | | | | @numberingOrg [Optional]
| | | | | @codeList [Optional]
| | | | | @listName [Optional]
| | | | | @listVersion [Optional]
| | | | | garmentVariant 0-9
| | | | | | variantType 1-1
| | | | | | @numberingOrg [Optional]
| | | | | | @codeList [Optional]
| | | | | | @listName [Optional]
| | | | | | @listVersion [Optional]
| | | | | | variantCode 1-1
| | | | | | @numberingOrg [Optional]
| | | | | | @codeList [Optional]
| | | | | | @listName [Optional]
| | | | | | @listVersion [Optional]
| | | | | drop 0-1
| | | | | @numberingOrg [Optional]
| | | | | @codeList [Optional]
| | | | | @listName [Optional]
| | | | | @listVersion [Optional]
| | | | | size 0-1
| | | | | @numberingOrg [Optional]
| | | | | @codeList [Optional]
| | | | | @listName [Optional]
| | | | | @listVersion [Optional]
| | | | | artGroup 0-1
| | | | | @numberingOrg [Optional]
| | | | | @codeList [Optional]
| | | | | @listName [Optional]
| | | | | @listVersion [Optional]
| | | | | added 0-9
| | | | | @numberingOrg [Optional]
| | | | | @addType [Optional]
| | | | | description 0-unbounded
| | | | | @ln [Optional]
| | | | | - or -
| | | | | garmentCodeA 1-1
| | | | | | art 1-1
| | | | | | @numberingOrg [Optional]
| | | | | | @codeList [Optional]
| | | | | | @listName [Optional]
| | | | | | @listVersion [Optional]
| | | | | | description 0-unbounded
| | | | | | @ln [Optional]
| | | | | - end choose -
| | | | | - end choose -
| | | | | lotN 0-1
| | | | | @numberingOrg [Optional]
| | | | | dyeN 0-1
| | | | | @numberingOrg [Optional]
| | | | | qty 1-2
| | | | | @um [Required]
| | | | | csRange 0-99
| | | | | @numberingOrg [Optional]
| | | | | @sizeSystemNat [Optional]
| | | | | @sizeSystemSeg [Optional]
| | | | | @sizeSystemBase [Optional]
| | | | | @sizeSystemID [Optional]
| | | | | | color 0-1
| | | | | | @numberingOrg [Optional]

```

```

| @codeList [Optional]
| @listName [Optional]
| @listVersion [Optional]
| garmentVariant 0-9
|   variantType 1-1
|     @numberingOrg [Optional]
|     @codeList [Optional]
|     @listName [Optional]
|     @listVersion [Optional]
|   variantCode 1-1
|     @numberingOrg [Optional]
|     @codeList [Optional]
|     @listName [Optional]
|     @listVersion [Optional]
| drop 0-1
|   @numberingOrg [Optional]
|   @codeList [Optional]
|   @listName [Optional]
|   @listVersion [Optional]
| sizeMatrix 1-1
|   sizeRow 1-99
|     additionalComponentCode 0-9
|       @numberingOrg [Optional]
|       @codeList [Optional]
|       @listName [Optional]
|       @listVersion [Optional]
|     drop 0-1
|       @numberingOrg [Optional]
|       @codeList [Optional]
|       @listName [Optional]
|       @listVersion [Optional]
|     size 1-1
|       @numberingOrg [Optional]
|       @codeList [Optional]
|       @listName [Optional]
|       @listVersion [Optional]
|     qty 0-1
|       @um [Required]
|     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]
| price 0-1
|   @um [Optional]
|   @priceQualifier [Optional] [Default= NET]
|   @currency [Optional]
| deliveryDate 0-1
|   @dateForm [Optional]
| 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
| | | | geoCoordinates 0-1
| | | | | @um [Optional] [Default= DEGD]
| | | | | @geoReferenceSystem [Optional]
| | | | | | xGeoCoord 1-1
| | | | | | yGeoCoord 1-1
| | | | | | zGeoCoord 0-0
| | | | garTecSheet 0-1
| | | | | garmentCode 1-2
| | | | | | @numberingOrg [Optional]
| | | | | - choose -
| | | | | | garmentCodeB 1-1
| | | | | | | @numberingOrg [Optional]
| | | | | | | mod 1-1
| | | | | | | | @numberingOrg [Optional]
| | | | | | | | @codeList [Optional]
| | | | | | | | @listName [Optional]
| | | | | | | | @listVersion [Optional]
| | | | | | | fabric 0-1
| | | | | | | | @numberingOrg [Optional]
| | | | | | | | @codeList [Optional]
| | | | | | | | @listName [Optional]
| | | | | | | | @listVersion [Optional]
| | | | | | | color 0-1
| | | | | | | | @numberingOrg [Optional]
| | | | | | | | @codeList [Optional]
| | | | | | | | @listName [Optional]
| | | | | | | | @listVersion [Optional]
| | | | | | | garmentVariant 0-9
| | | | | | | | variantType 1-1
| | | | | | | | | @numberingOrg [Optional]
| | | | | | | | | @codeList [Optional]
| | | | | | | | | @listName [Optional]
| | | | | | | | | @listVersion [Optional]
| | | | | | | | variantCode 1-1
| | | | | | | | | @numberingOrg [Optional]
| | | | | | | | | @codeList [Optional]
| | | | | | | | | @listName [Optional]
| | | | | | | | | @listVersion [Optional]
| | | | | | | drop 0-1
| | | | | | | | @numberingOrg [Optional]
| | | | | | | | @codeList [Optional]
| | | | | | | | @listName [Optional]
| | | | | | | | @listVersion [Optional]
| | | | | | | size 0-1
| | | | | | | | @numberingOrg [Optional]
| | | | | | | | @codeList [Optional]
| | | | | | | | @listName [Optional]
| | | | | | | | @listVersion [Optional]
| | | | | | | artGroup 0-1
| | | | | | | | @numberingOrg [Optional]
| | | | | | | | @codeList [Optional]
| | | | | | | | @listName [Optional]
| | | | | | | | @listVersion [Optional]
| | | | | | | added 0-9
| | | | | | | | @numberingOrg [Optional]
| | | | | | | | @addType [Optional]
| | | | | | | description 0-unbounded
| | | | | | | | @ln [Optional]
| | | | - or -
| | | | garmentCodeA 1-1

```

```

| | | | | art 1-1
| | | | |   @numberingOrg [Optional]
| | | | |   @codeList [Optional]
| | | | |   @listName [Optional]
| | | | |   @listVersion [Optional]
| | | | | description 0-unbounded
| | | | | @ln [Optional]
| | | | | - end choose -
| | | | | 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]
| | | | |       mimeTypeCode 0-1
| | | | |       formatCode 0-1
| | | | |       encodingCode 0-1
| | | | |       characterSetCode 0-1
| | | | |   fabricCompos 0-1
| | | | |     percCompos 1-9
| | | | |       @fibre [Required]
| | | | |       @materialSource [Optional]
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| | | | |       sizeEnd 0-1
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- gPart 0-1
- yarnComponent 0-9**
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 - @um [Optional]
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 - @encoding [Optional]
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 - formatCode 0-1
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 - location 0-1
 - @LRI [Optional]

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encodingCode 0-1
characterSetCode 0-1

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gPart 1-1

mod 1-1

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| | | | | | pieceOutWrap 0-1
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- or -
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- or -
| | | | | piecePack 0-1
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| | | | | | | @codeList [Optional]
| | | | | | | @listName [Optional]
| | | | | | | @listVersion [Optional]
- or -
| | | | | | acsPackText 1-1
- end choose -
- or -
| | | | | garPack 0-1
- choose -
| | | | | | garPackCode 1-1
| | | | | | | @numberingOrg [Optional]
| | | | | | | @codeList [Optional]
| | | | | | | @listName [Optional]
| | | | | | | @listVersion [Optional]
- or -
| | | | | | garPackText 1-1

```

```

- end choose -
- end choose -
| note 0-99
| @numberingOrg [Optional]
| @codeList [Optional]
| @noteLabel [Optional]
endUseGroup 0-99
| endUseGroupId 1-1
| qty 0-1
| @um [Required]
| csRange 0-1
| @numberingOrg [Optional]
| @sizeSystemNat [Optional]
| @sizeSystemSeg [Optional]
| @sizeSystemBase [Optional]
| @sizeSystemID [Optional]
| color 0-1
| @numberingOrg [Optional]
| @codeList [Optional]
| @listName [Optional]
| @listVersion [Optional]
| garmentVariant 0-9
| variantType 1-1
| @numberingOrg [Optional]
| @codeList [Optional]
| @listName [Optional]
| @listVersion [Optional]
| variantCode 1-1
| @numberingOrg [Optional]
| @codeList [Optional]
| @listName [Optional]
| @listVersion [Optional]
| drop 0-1
| @numberingOrg [Optional]
| @codeList [Optional]
| @listName [Optional]
| @listVersion [Optional]
| sizeMatrix 1-1
| sizeRow 1-99
| additionalComponentCode 0-9
| @numberingOrg [Optional]
| @codeList [Optional]
| @listName [Optional]
| @listVersion [Optional]
| drop 0-1
| @numberingOrg [Optional]
| @codeList [Optional]
| @listName [Optional]
| @listVersion [Optional]
| size 1-1
| @numberingOrg [Optional]
| @codeList [Optional]
| @listName [Optional]
| @listVersion [Optional]
| qty 0-1
| @um [Required]
| itemsList 0-1
| qualityLevel 0-1
| @numberingOrg [Optional]
| @codeList [Optional]
| @listName [Optional]
| @listVersion [Optional]
| itemIdentification 1-unbounded
| serialN 1-9
| @numberingOrg [Optional]
| @idQualifier [Optional]
packages 0-99
| @packageLevel [Optional]

```

```

- choose -
| | | | packageText 1-1
- or -
| | | | package 1-1
- end choose -
| | | | packageModelCode 0-1
| | | | @numberingOrg [Optional]
| | | | description 0-unbounded
| | | | @ln [Optional]
| | | | packageDim 0-1
| | | | | length 1-1
| | | | | @um [Required]
| | | | | width 0-1
| | | | | @um [Required]
| | | | | height 0-1
| | | | | @um [Required]
| | | | handlingChar 0-1
- choose -
| | | | | yarnPack 0-1
| | | | | | yarnReel 1-1
| | | | | | @reelType [Required]
| | | | | | @reelMat [Optional]
| | | | | | | yarnReelID 0-1
| | | | | | | @um [Required]
| | | | | | | yarnReelH 0-1
| | | | | | | @um [Required]
| | | | | | | yarnConeAngle 0-1
| | | | | | | yarnReelQty 0-2
| | | | | | | @um [Required]
| | | | | | | label 0-1
| | | | | | | labelWrit 0-1
| | | | | | yarnInWrap 0-1
| | | | | | | yarnReelWrap 1-1
| | | | | | | label 0-1
| | | | | | | labelWrit 0-1
- choose -
| | | | | | yarnOutWrapText 0-1
- or -
| | | | | | yarnOutWrap 0-1
- end choose -
- or -
| | | | | | piecePack 0-1
- choose -
| | | | | | | piecePackText 1-1
- or -
| | | | | | | pieceInnWrap1 1-1
| | | | | | | pieceInnWrap2 0-1
| | | | | | | pieceOutWrap 0-1
- end choose -
- or -
| | | | | | acsPack 0-1
- choose -
| | | | | | | acsPackCode 1-1
| | | | | | | @numberingOrg [Optional]
| | | | | | | @codeList [Optional]
| | | | | | | @listName [Optional]
| | | | | | | @listVersion [Optional]
- or -
| | | | | | | acsPackText 1-1
- end choose -
- or -
| | | | | | garPack 0-1
- choose -
| | | | | | | garPackCode 1-1
| | | | | | | @numberingOrg [Optional]
| | | | | | | @codeList [Optional]
| | | | | | | @listName [Optional]
| | | | | | | @listVersion [Optional]

```

```

- or -
| | | | | garPackText 1-1
- end choose -
- end choose -
| | | | | sortableIndicator 0-1
| | | | | stackabilityLevel 0-1
| | | | | handlingType 0-1
| | | | | @ln [Optional]
| | | | | volume 0-1
| | | | | @um [Required]
| | | | | netWeight 0-1
| | | | | @um [Required]
| | | | | grossWeight 0-1
| | | | | @um [Required]
| | | | | note 0-99
| | | | | @numberingOrg [Optional]
| | | | | @codeList [Optional]
| | | | | @noteLabel [Optional]
| | | | | itemsPerPackage 0-1
| | | | | @um [Required]
| | | | | minItemsPerPackage 0-1
| | | | | @um [Required]
| | | | | fillingCriterion 0-9
| | | | | @progr [Optional]
| | | | | packageQty 0-1
| | | | | packageN 0-unbounded
| | | | | @numberingOrg [Optional]
| | | | | @packageContainerN [Optional]
| | | | | EPCList 0-1
| | | | | | EPC 1-unbounded
| | | | | | @numberingOrg [Optional]
| | | | | | @TID [Optional]
| | | | | dtScheme 0-1
| | | | | @taxType [Required]
| | | | | | taxCategory 0-1
| | | | | | taxRate 0-1
| | | | | | legalRef 0-1
| | | | | | @numberingOrg [Optional]
| | | | | | @codeList [Optional]
| | | | | | @listName [Optional]
| | | | | | @listVersion [Optional]
| | | | | | note 0-99
| | | | | | @numberingOrg [Optional]
| | | | | | @codeList [Optional]
| | | | | | @noteLabel [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 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.

acsCode	full codification identifying an accessory product usually coupled with garment or other fashion product
acsComponent	identification details of a accessory used in a sub-contracted manufacturing operation
acsPack	type of wrapping or packing of the accessory
allowanceCharge	Allowances and Charges related to an Order or a contract
apparelComponent	identification details of a component used in the sub-contracted production of an apparel article or of one of its part
apparelProd	manufacturing specifications for a garment article to be obtained from an operation of sub-contracted production
appMnfrOperation	details of a manufacturing operation used for garment production
attachment	an attached document. An attachment can refer to an external document or be included with the document being exchanged
buyer	details of the Buyer (party that buys the good or service that is object of the current collaborative process) - base type: Nad,
csRange	range of color-size for a fashion article
deliveryLocation	data relating to a place of delivery - base type: Nad,
despatchLocation	data relating to a place of despatch - base type: Nad,
dtScheme	set of data usable to declare the duty or tax applied
endUseGroup	references that connect the instances of a product to a group of articles (such as a group of items used in a shop window) of which it will be part of.
EPCList	list of identifiers used for tracing a physical item with RFID technology
externalReference	details about an external object, such as a document stored at a remote location
fabricComponent	identification details of a fabric used in a sub-contracted manufacturing operation
fabricCompos	composition of the fabric according to the Directory 97/37/CE
garComInfo	miscellaneous commercial information.
garConsumption	consumption of the component for the given size range
garConsumptionSet	components and average prescribed or effective consumptions for a garment
garMea	attribute's measure for the given size
garMeaSet	physical measures of the set of sizes of a garment
garmentCode	codification of the garment product
garmentCodeA	codification of the garment product- type A

garmentCodeB	codification of the garment product - type B
garmentPartCode	codification of the component or part of a fashion article
garmentPartComponent	identification details of a FASHION product part used in a sub-contracted manufacturing operation
garmentVariant	garment product variant
garPack	the packaging mode of the item or a part of it.
garSizeSet	size table for a garment
garSizeTier	definition of the range of sizes associated with a given code
garTecSheet	garment technical sheet
geoCoordinates	geographical coordinates
handlingChar	features of an item (item or package) useful for its transport and warehouse management.
insPayment	payment details for payment by installments
itemIdentification	serial identification of a product unit
itemsList	list of the single product units
KCCObody	body of the document FASHION COMMISSION ORDER (ex GARMENT COMMISSION ORDER)
KCCOheader	header of the document FASHION COMMISSION ORDER
KCCOitem	line of the document GARMENT COMMISSION ORDER
lotDetails	details about the lot to be assigned to a group of items.
packageDim	dimensions of a transport package
packages	describes the composition of the transport packaging. Each element corresponds to a type of package: type, quantity, hierarchic level, list of identifiers of the single packages
payment	payment details for payment all in one
phase	a production phase of a fashion product.
piecePack	type of wrapping or packing of the fabric pieces
progress	description of the progress of a production lot in a manufacturing process
refDoc	identification of a document and of an item thereof, to which the message makes reference
sizeMatrix	size matrix of an apparel product
sizeRow	size matrix row of an apparel product
subContractor	details of the Sub-contractor - base type: Nad,
terms	details of the commercial obligations for payment and delivery
texCode	full codification of the textile product
thirdParty	identification and details of the Third Party, different from Sender and Receiver of the document - base type: Nad,
trade	general terms of trade for the specified supply
transInfo	details of transport: mode, carrier and delivery place
yarnCode	full codification of a yarn product
yarnComponent	identification details of a yarn used in a sub-contracted manufacturing operation

yarnInWrap	details specifying the inner wrapping of a yarn product
yarnPack	details of type of presentation used for the yarn
yarnReel	details of the packaging of a yarn product (bobbin and reel,...)

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.

AC_amount	amount of an Allowance or Charge - base type: decimal, fraction digits: 2,
AC_category	coded specification of an Allowance or Charge - base type: string, cod. table: T41 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T41.xml
AC_categoryText	free text description of an Allowance or Charge - base type: string, max length: 250,
AC_percent	amount of an Allowance or Charge as a percentage (always non negative value) - base type: decimal, max inclusive: 100, fraction digits: 2,
acsPackCode	code specifying the type of wrapping or packing used for the accessory - base type: string,
acsPackText	free text specifying the type of wrapping or packing used for the accessory - base type: string, max length: 250,
added	additional code of the product (complementing the formers) - base type: string, max length: 80,
additionalComponentCode	an additional code to identify a fashion product or a part of it (it is a way to codify the item, but it is not one of the codes to identify it). It is not a serial identifier. - base type: string,
additionalIdentifier	additional identification code of a Party, for example customs registries or others - base type: string, max length: 15,
@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
appJob	operation of a work cycle for garment manufacturing - base type: string, cod. table: T205 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T205.xml
appJobTech	operation technology for garment production - base type: string, cod. table: T265 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T265.xml
@application	force or similar condition (e.g. no. of revolutions) applied in a test as specified within the standard - base type: string, max length: 15,
appMachine	machine used in an operation of a work cycle for garment production - base type: string, cod. table: T275 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T275.xml
art	article number of the product - base type: string, max length: 80,
artGroup	code identifying a class of products - base type: string, max length: 40,
binaryObject	a binary large object containing an attached document, Coding 'base64Binary' is recommended. - base type: base64Binary,

brand	A brand name. - base type: string,
carrier	identification of the transport carrier - base type: string, max length: 40,
@characterSet	the character set of the binary object (examples UTF-8, UTF-16, Windows-1252, ISO-8859-7,..) - base type: normalizedString,
characterSetCode	the character set of an external document (examples UTF-8, UTF-16, Windows-1252, ISO-8859-7,..) - base type: normalizedString,
city	name of the city (town, village) - base type: string, max length: 40,
@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,
@codeQualifier	operational code qualifier: it states if the code is related to a project, an event, an initiative, a sales channel, a management type (eg CITES), - base type: string, cod. table: NT43 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT43.xml
color	colour number of the product, when not included in the model or fabric code - base type: string, max length: 15,
@consumptionType	indicates what the indicated quantity is referred to (for example, required quantity for unit of product -BoM- or required quantity to obtain the indicated total amount of product -BoL-) - base type: string, cod. table: NT39 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT39.xml
country	code of the nation - base type: string, cod. table: T10 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml
@CQQ	specifies if the committed quantity can or can not include the loss in weight - base type: string, cod. table: NT37 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT37.xml
criticalityIndicator	criticality indicator (it can be "true" or "false": true = criticality, false = non criticality) - base type: boolean,
@currency	currency in which a specified monetary data is expressed - base type: string, cod. table: T9 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T9.xml
customsStat	statistic code assigned by Customs to a specified product (TARIC code) - base type: string, max length: 15,
@CV	coefficient of variation (CV) of a measurement - base type: decimal,
@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
delEffectiveDate	estimated date for actual delivery, which may be different from what is foreseen by the agreements between the parties. Formatted according to one of the patterns indicated by the dateForm attribute: YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string,
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,
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,
deliveryPlace	place of delivery of goods, ultimate or related to a given leg - base type: string, max length: 250,
dept	name or code of a department - base type: string, max length: 40,
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,
despatchDate	date of despatch 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,
despatchPlace	place of despatch of goods, origin or related to a given leg - base type: string, max length: 250,
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,
docID	identification number of the referenced document - base type: string, max length: 80,
@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
drop	drop number of the garment - base type: string, max length: 15,
dyeN	number of the dying batch of a textile product - base type: string, max length: 15,
@email	electronic mail address of the contact person within a Party - base type: string, max length: 250,
@encoding	specifies the decoding algorithm of the binary object - base type: normalizedString,
encodingCode	the encoding/decoding algorithm used with the external object (example is 'base64Binary') - base type: normalizedString,
@endUse	specifies the final use of the fabric - base type: string, cod. table: NT4 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT4.xml
endUseGroupID	group identifier. - base type: string,
EPC	serial identifier used for tracing a physical item with RFID technology - base type: string,
fabric	fabric number of the garment - base type: string, max length: 15,
@fax	fax number of the contact person within a Party - base type: string, max length: 35,
@fibre	type of fibre used in a textile product - base type: string, cod. table: T19 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T19.xml
fileName	unique identifier (name) of the file - base type: string, max length: 255,
fillingCriterion	the assortment criterion to fill the specified kind of package: it states the homogeneity criterion (eg: "model", "color", "size"). - base type: string, cod. table: NT51

	http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT51.xml
finalIndicator	final phase indicator. - base type: boolean,
@finDiscount	financial discount rate applied for payment by the date specified - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2,
@finSurcharge	financial surcharge rate applied for payment after the date specified - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2,
@format	the format of the binary content (examples xml, pdf, doc,...) - base type: string,
formatCode	the format of the external object (examples xml, pdf, doc,...) - base type: normalizedString,
garAttrib	garment's attribute to which the measures are referred - base type: string, cod. table: NT41 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT41.xml
garPackCode	a code specifying the type of packaging used for the item. - base type: string,
garPackText	a free text specifying the type of packaging used for the item. - base type: string,
garSizeCode	code of a range of sizes - base type: string, max length: 15,
@geoReferenceSystem	georeference system adopted for the coordinate (in example wgs84 with decimal degree or degree with minute and seconds) - base type: string,
gPart	code specifying the type of component or part of a fashion product (sleeve, neck, ...) - base type: string, cod. table: T48 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T48.xml
grossWeight	the gross weight, declared for transport or customs purpose - base type: decimal, min inclusive: 0, fraction digits: 2,
handlingType	information to handle the item (eg "breakable"). - base type: string,
height	effective height of a specified object - base type: decimal, min inclusive: 0, fraction digits: 2,
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,
@idQualifier	Qualification of the identifier. - base type: string,
image	URL address of an annexed image - base type: string, max length: 255,
incoTerm	specification of the terms of trade (INCOTERMS) - base type: string, cod. table: T3 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T3.xml
incoTermText	free text specifying the terms of trade (incoterm, location) - base type: string, max length: 250,
@isCharge	Indicates if the element to which it refers is a charge (true = charge, false = allowance) - base type: boolean,
@isURL	it indicates if the referred element is an URL (true) or not (false) - base type: boolean,
itemID	number of the line/item of the referenced document - base type: string, max length: 40,

itemsPerPackage	the quantity of items that can be contained in a package. - base type: decimal,
jobName	description of the elementary job - base type: string, max length: 40,
@KCCOtype	type of Order. - base type: string, cod. table: NT1 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT1.xml
label	indicates if the physical object specified has to be labelled - base type: boolean,
labelWrit	text that must be written on the lable of a specified physical object when its customizati on is required - base type: string, max length: 350,
legalName	legal name - base type: string, max length: 250,
legalRef	legal reference of the duty or tax or fee category - base type: string,
length	effective length of a specified object - base type: decimal, min inclusive: 0, fraction digits: 2,
lineID	unique identifier of the line item of the business document; it is set by the role that prod uces the document. - base type: string, max length: 30,
lineN	number of the line item of the present message (xml document); it is set by the role tha t produces the document. Usually it is a progressive number, but not always. - base type: positiveInteger, min inclusive: 1, max inclusive: 9999,
@listName	the name of the list of codes used to make an instance of the element (it might be thou ght as descriptive element, i.e. 'fabric printing technologies', or not, i.e. "T264") - base type: string, max length: 40,
@listVersion	it specifie the version of the list of codes used to make an instance of the element - base type: string, max length: 6,
@In	Language code. - base type: string, cod. table: NT60 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT60.xml
location	specification of a location - base type: string, max length: 40,
@logo	company logo (URL of the image jpeg or gif). It is recommended that the width of the i mage does not exceed 640 pixel. - base type: string, max length: 255,
lotN	lot number of a product or batch number of the raw material - base type: string, max length: 15,
@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
@materialSource	Indicates whether the material is virgin or comes from recycling or reuse processes - base type: string, cod. table: T306 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T306.xml
@maxQty	maximum product quantity - base type: decimal, min inclusive: 0, fraction digits: 2,
@method	standard protocol or method employed in a test to evaluate a characteristic or a param eter - base type: string, max length: 80,
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

mfrStatusText	free text description of the manufacturing stage used to specify the progress in the production cycle - base type: string, max length: 250,
@mime	the mime type of the binary object - base type: normalizedString,
mimeCode	mime type of the external object - base type: normalizedString,
minItemsPerPackage	the minimum quantity of items for the specified kind of package. - base type: decimal, min inclusive: 0,
@minQty	minimum product quantity - base type: decimal, min inclusive: 0, fraction digits: 2,
mnfrNote	free text manufacturing note - base type: string, max length: 350,
mod	model number of the garment - base type: string, max length: 15,
msgCurrency	currency used to express the monetary amounts of the message - base type: string, cod. table: T9 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T9.xml
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,
@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
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,
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,
netWeight	the net weight declared for transport or customs purpose - base type: decimal, min inclusive: 0, fraction digits: 2,
notBeforeDate	earliest date possible to begin an activity, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string,
note	free text or structured (computer processing) note. For note structuring use the attributes "noteLabel" and "codelist" - base type: string, max length: 350,
@noteLabel	subject qualifier of a note - base type: string, max length: 35,
@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
operationalCode	operational code: it is the code of a project, an event, an initiative, a sales channel, a management type (eg CITES), ... the document, or product, is connected with. - base type: string,
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
@packageContainerN	reference usable to indicate the outer package containing this package - base type: string, max length: 40,
@packageLevel	level used to indicate the hierarchical structure of the packages (from outer to inner level)

	els) - base type: positiveInteger, min inclusive: 1, max inclusive: 9,
packageModelCode	a code (eg a barcode) identifying the type of packaging - base type: string,
packageN	serial number used to identify a transport package - base type: string, max length: 40,
packageQty	quantity of the specified transport packages - base type: positiveInteger,
packageText	denomination of the type of transport package (text) - base type: string, max length: 80,
@part	percent fraction - base type: decimal, min inclusive: 1, max inclusive: 100, fraction digits: 2,
pattern	pattern/design number of the product, when not included in the article code - base type: string, max length: 15,
payMode	way or means of payment - base type: string, cod. table: T2 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T2.xml
payTerm	code specifying the terms or time by which the payment must be done - base type: string, cod. table: T1 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T1.xml
payTermText	free text specifying the terms by which the payment must be done (time/mode or means) - base type: string, max length: 250,
pcQty	percent quantity of a raw material or of a specified component in a fabric or in a yarn - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2,
percCompos	fiber rate in the product composition - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2,
@percSourcesRenewable	indicates the percentage of renewable sources - base type: decimal,
person	name of a person (e.g. contact person within an organization) - base type: string, max length: 40,
phaseCode	Code that identifies a production phase of a fashion product. - base type: string,
@phone	phone number of the contact person within a Party - base type: string, max length: 35,
pieceInnWrap1	code specifying the type of inner wrapping/packing used for the fabric piece - base type: string, cod. table: T4 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T4.xml
pieceInnWrap2	code sub-specifying the type of inner wrapping/packing used for the fabric piece - base type: string, cod. table: T5 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T5.xml
pieceOutWrap	code specifying the type of outer wrapping or packing used for the fabric piece - base type: string, cod. table: T6 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T6.xml
piecePackText	free text specifying the type of wrapping or packing used for the fabric piece - base type: string, max length: 250,
postCode	code defining the postal zone - base type: string, max length: 10,
price	unit price of the article, object or service specified - base type: decimal, min inclusive: 0, fraction digits: 4,
@priceQualifier	type of price with reference to discount and taxes

	- base type: string, cod. table: NT20 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT20.xml
priority	the priority of this row. - base type: string,
@productLevel	level of the product (end or intermediate) yielded by an operation in a work cycle - base type: string, cod. table: NT22 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT22.xml
productLine	the product line name of a fashion product. - base type: string,
@progr	progressive number in the sequence - base type: positiveInteger, min inclusive: 1,
project	code used to assign the items ordered (fabric pieces, accessories, garments...) to a specific project of the Client - base type: string, max length: 40,
@propulsionSystemCode	propulsion system type - base type: string, cod. table: NT324 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT324.xml
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,
qtyVariance	difference between two quantities qualified by the context (e.g.: delivered vs. ordered; received vs. despatched etc..) - base type: decimal, fraction digits: 2,
qualityLevel	the product quality level (first choice, second choice,...). - base type: string,
@recyclingProcessMethod	recycling process method - base type: string, cod. table: T307 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T307.xml
@reelMat	type of material of which a package for yarn is made - base type: string, cod. table: T30 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T30.xml
@reelType	type of package used for a yarn product - base type: string, cod. table: T29 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T29.xml
@role	Third Party role qualifier - base type: string, cod. table: NT2 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT2.xml
routeLength	length of a route - base type: decimal, min inclusive: 0, fraction digits: 2,
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,
@sender	qualifier that specifies the Party issuing of the document - base type: boolean,
serialN	serial number used for the identification of a physical unit - base type: string, max length: 250,
size	size number of a fashion product (knitwear, clothing, ..) - base type: string, max length: 15,
sizeEnd	first size of a range of sizes - base type: string, max length: 15,
sizeStart	first size of a range of sizes - base type: string, max length: 15,

@sizeSystemBase	base of the size system - base type: string, cod. table: T423 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T423.xml
@sizeSystemID	the identifier of the size system. - base type: string,
@sizeSystemNat	nation or agency identifying the size system - base type: string, cod. table: T421 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T421.xml
@sizeSystemSeg	market segment identifying the size system - base type: string, cod. table: T422 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T422.xml
sortableIndicator	It states if the item can be automatically sorted. - base type: boolean,
@source	party who has provided the data - base type: string, cod. table: NT12 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT12.xml
specDate	date by which the referenced blanket order must receive full product specifications (e.g.: colour), according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYY-WW. - base type: string,
specValue	value requested for a property or a parameter that is measured - base type: decimal,
stackabilityLevel	This value indicates the level at which the item can be stacked. - base type: integer,
statusReason	the reason for the indicated status. - base type: string,
street	street and building number identifying a location - base type: string, max length: 80,
subCountry	short name or code of the sub-country entity - base type: string, max length: 9,
subDept	name or code of a department - base type: string, max length: 40,
@subject	qualifier of the product treated in the note - base type: string, cod. table: NT40 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT40.xml
taxCategory	duty or tax or fee category - base type: string, cod. table: T62 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T62.xml
taxRate	duty or tax or fee percent rate - base type: string,
@taxType	duty or tax or fee type - base type: string, cod. table: T61 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T61.xml
@TID	serial number wired into the RFID chip - base type: string,
transCondition	special condition of transport or special service requested to the Forwarder - base type: string, cod. table: T38 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T38.xml
transConditionText	free text description of the special condition of transport or special service requested to the Forwarder - base type: string, max length: 250,
transMeans	means of transport, in general or referred to a specific leg - base type: string, cod. table: T40

	http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T40.xml
transMode	way of transport, in general or referred to the specified leg - base type: string, cod. table: T8 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T8.xml
@transReason	reason for the transport - base type: string, cod. table: NT11 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT11.xml
@uid	unique element identifier within the xml document - base type: string,
@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
uri	Uniform Resource Identifier (URI) that identifies the external object as an Internet resource - base type: normalizedString,
@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 firms or the URL of the profile. - base type: string,
validityEnd	date by which the validity ends, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string,
validityStart	date by which the validity starts, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string,
variantCode	Code of variant used for fashion product. - base type: string,
variantType	Type of variant used for fashion product (examples: 'treatment', 'washing type', 'size class',...) - base type: string,
@varReason	reason for the difference between the two quantities specified by the context - base type: string, cod. table: T46 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T46.xml
@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
@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
volume	effective volume of a specified object - base type: decimal, min inclusive: 0, fraction digits: 2,
warpLetter	letter that indicates a specific yarn in the warping formula (diagram) - base type: string, length: 1,
weftLetter	letter that indicates a specific yarn in the wefting formula (diagram) - base type: string, length: 1,
width	effective width of a specified object - base type: decimal, min inclusive: 0, fraction digits: 2,
xGeoCoord	geographical coordinate x, corresponding to latitude - base type: decimal,
yarnConeAngle	tapering angle of the cone on which a yarn is reeled - base type: positiveInteger,
yarnOutWrap	code specifying the type of outer wrapping or packing of a yarn - base type: string, cod. table: T33 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T33.xml

yarnOutWrapText	free text specifying the type of outer wrapping or packing of a yarn - base type: string, max length: 250,
yarnReelID	diameter of the bobbin used for a yarn product - base type: decimal, min inclusive: 0, fraction digits: 2,
yarnReelH	height of the bobbin used a yarn product - base type: decimal, min inclusive: 0, fraction digits: 2,
yarnReelQty	quantity of yarn (by weight or length) wound upon a bobbin - base type: decimal, min inclusive: 0, fraction digits: 2,
yarnReelWrap	type of wrapping in which a package of yarn is wrapped - base type: string, cod. table: T32 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T32.xml
yGeoCoord	geographical coordinate y , corresponding to longitude - base type: decimal,
zGeoCoord	geographical coordinate z , corresponding to altitude - base type: decimal,

2.3 Suggested best practices

**KnitClothOrder/KCCObody/KCCOitem/apparelComponent/
acsComponent/refDoc/docID (identification number of the referenced document)**

numberingOrg indicates the role that produced the document identifier (it is allowed to declare two different ones -e.g. customer and supplier - with two docID with different numberingOrg

KnitClothOrder/KCCObody/KCCOitem/phase/refDoc/docID (identification number of the referenced document)

numberingOrg indicates the role that produced the document identifier (it is allowed to declare two different ones -e.g. customer and supplier - with two docID with different numberingOrg

**KnitClothOrder/KCCObody/KCCOitem/appMnfrOperation/
refDoc/docID (identification number of the referenced document)**

numberingOrg indicates the role that produced the document identifier (it is allowed to declare two different ones -e.g. customer and supplier - with two docID with different numberingOrg

KnitClothOrder/KCCOheader/refDoc/docID (identification number of the referenced document)

numberingOrg indicates the role that produced the document identifier (it is allowed to declare two different ones -e.g. customer and supplier - with two docID with different numberingOrg

**KnitClothOrder/KCCObody/KCCOitem/apparelComponent/
fabricComponent/refDoc/docID (identification number of the referenced document)**

numberingOrg indicates the role that produced the document identifier (it is allowed to declare two different ones -e.g. customer and supplier - with two docID with different numberingOrg

**KnitClothOrder/KCCObody/KCCOitem/apparelComponent/
garmentPartComponent/refDoc/docID (identification number of the referenced document)**

numberingOrg indicates the role that produced the document identifier (it is allowed to declare two different ones -e.g. customer and supplier - with two docID with different numberingOrg

**KnitClothOrder/KCCObody/KCCOitem/garTecSheet/
refDoc/docID (identification number of the referenced document)**

numberingOrg indicates the role that produced the document identifier (it is allowed to declare two different ones -e.g. customer and supplier - with two docID with different numberingOrg

**KnitClothOrder/KCCObody/KCCOitem/apparelComponent/
yarnComponent/refDoc/docID (identification number of the referenced document)**

numberingOrg indicates the role that produced the document identifier (it is allowed to declare two different ones -e.g. customer and supplier - with two docID with different numberingOrg

**KnitClothOrder/KCCObody/KCCOitem/phase/refDoc/
attachment/externalReference/mimeCode (mime type of the external object)**

Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

**KnitClothOrder/KCCObody/KCCOitem/appMnfrOperation/
refDoc/attachment/externalReference/mimeCode (mime type of the external object)**

Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

**KnitClothOrder/KCCObody/KCCOitem/apparelComponent/
acsComponent/refDoc/attachment/externalReference/mimeCode (mime type of the external object)**

Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

**KnitClothOrder/KCCObody/KCCOitem/garTecSheet/
refDoc/attachment/externalReference/mimeType (mime type of the external object)**
Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

**KnitClothOrder/KCCOheader/refDoc/attachment/
externalReference/mimeType (mime type of the external object)**
Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

**KnitClothOrder/KCCObody/KCCOitem/apparelComponent/
fabricComponent/refDoc/attachment/externalReference/mimeType (mime type of the external object)**
Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

**KnitClothOrder/KCCObody/KCCOitem/apparelComponent/
garmentPartComponent/refDoc/attachment/externalReference/mimeType (mime type of the external object)**
Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

**KnitClothOrder/KCCObody/KCCOitem/apparelComponent/
yarnComponent/refDoc/attachment/externalReference/mimeType (mime type of the external object)**
Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

KnitClothOrder/KCCObody/KCCOitem/apparelProd/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

**KnitClothOrder/KCCObody/KCCOitem/apparelComponent/
acsComponent/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

**KnitClothOrder/KCCObody/KCCOitem/apparelComponent/
yarnComponent/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

KnitClothOrder/KCCObody/KCCOitem/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

KnitClothOrder/KCCObody/KCCOitem/phase/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

**KnitClothOrder/KCCObody/KCCOitem/apparelComponent/
garmentPartComponent/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

**KnitClothOrder/KCCObody/KCCOitem/phase/lotDetails/
csRange/sizeMatrix/sizeRow/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".

KnitClothOrder/KCCObody/KCCOitem/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".

KnitClothOrder/KCCObody/KCCOitem/apparelComponent/

fabricComponent/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".

KnitClothOrder/KCCObody/KCCOitem/apparelProd/

csRange/sizeMatrix/sizeRow/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".

KnitClothOrder/KCCObody/KCCOitem/endUseGroup/

csRange/sizeMatrix/sizeRow/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 all the tables with the corresponding codes at:
<http://www.ebiz.enea.it/eBIZ/imple/eBIZTCU-draft.asp?lingua=en&pag=6>

NT1 - Order type
NT100 - eBIZ TCFUpstream version
NT11 - transport causal
NT12 - data source
NT16 - VAT rate or code
NT18 - message function
NT2 - third party qualifier
NT20 - price qualifier
NT22 - product type of an operation
NT29 - format of a date
NT3 - data format
NT324 - propulsion system type
NT37 - committed quantity qualifier
NT39 - consumption type
NT4 - end use
NT40 - manufacturing note qualifiers
NT41 - garment attributes
NT43 - operational code qualifier
NT51 - Filling Criterion for Package homogeneity
NT6 - coding system owner/issuer
NT60 - language, codes from ISO 639-1 (subset)
NT7 - unit of measure
T1 - terms of payment
T10 - ISO3166 - Country
T11 - transport package type
T19 - fibre type
T2 - Modes of payment
T205 - type of job in knitting/clothing
T21 - type of document
T265 - type of job technology in knitting/clothing
T275 - type of machine for knitting/clothing
T29 - type of yarn package
T3 - terms of delivery - IncoTerms
T30 - support of yarn package - material
T306 - material circularity attribute
T307 - recycling process method
T32 - yarn reel wrapping type
T33 - yarn outer packing
T38 - transport conditions
T4 - fabric piece inner packing (wrapping) 1
T40 - type of transport means
T41 - type of Allowance or Charge
T421 - size system: nationality
T422 - size system: market segment
T423 - size system: base
T44 - additional code type
T46 - quantity variance reason
T48 - garment part type
T5 - fabric piece inner packing (wrapping) 2
T6 - fabric piece outer packing
T61 - duty or tax or fee type
T62 - duty or tax or fee category
T7 - manufacturing status
T8 - Modes of Transport
T9 - ISO4217 - Currency

ACKNOWLEDGEMENT



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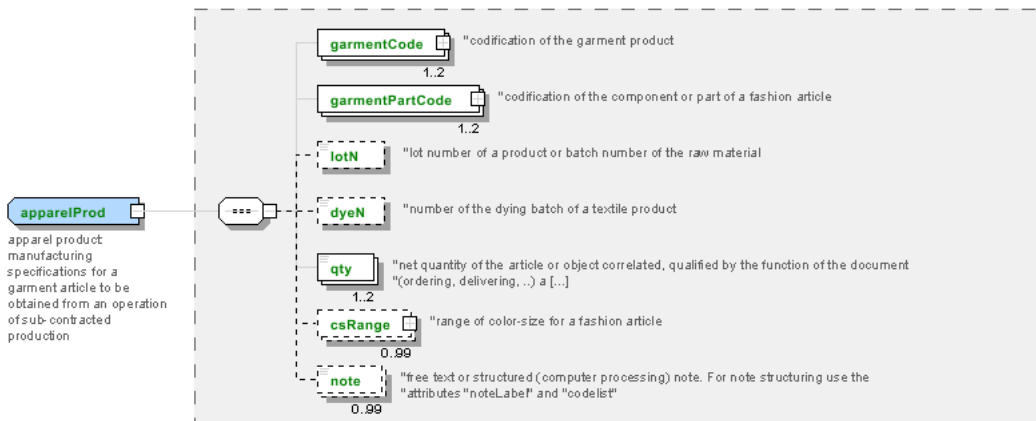
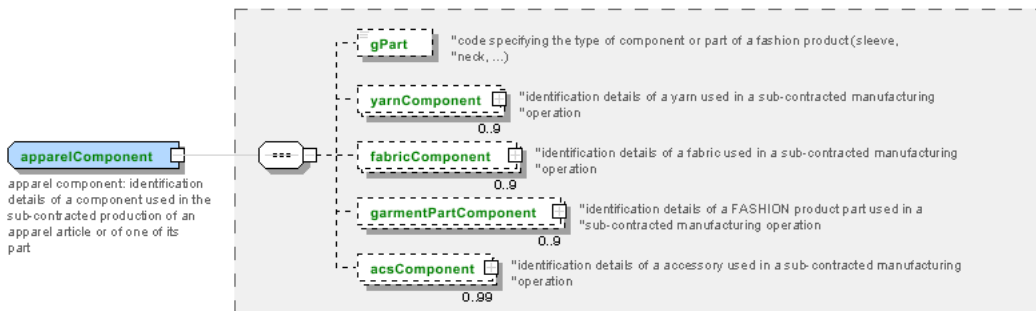
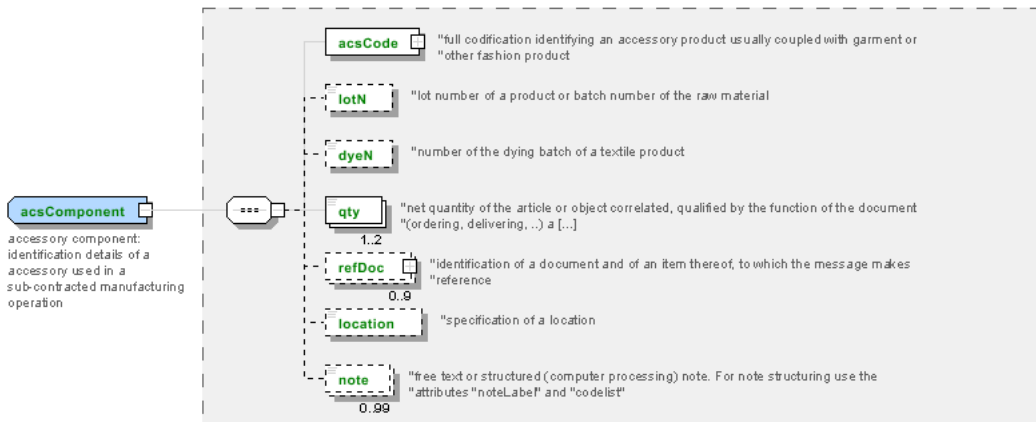
DISCLAIMER

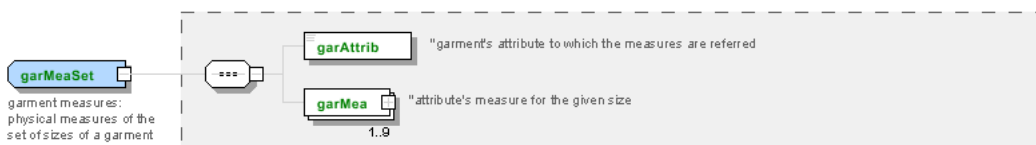
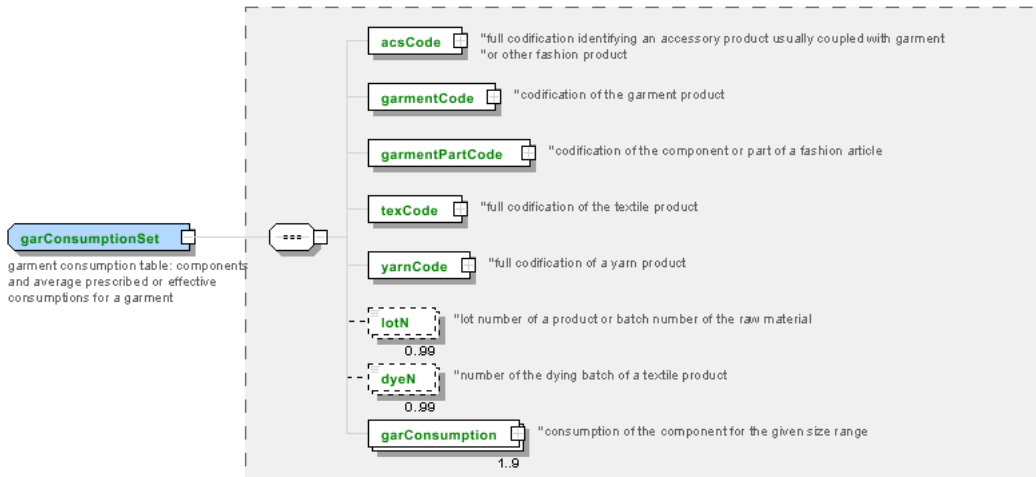
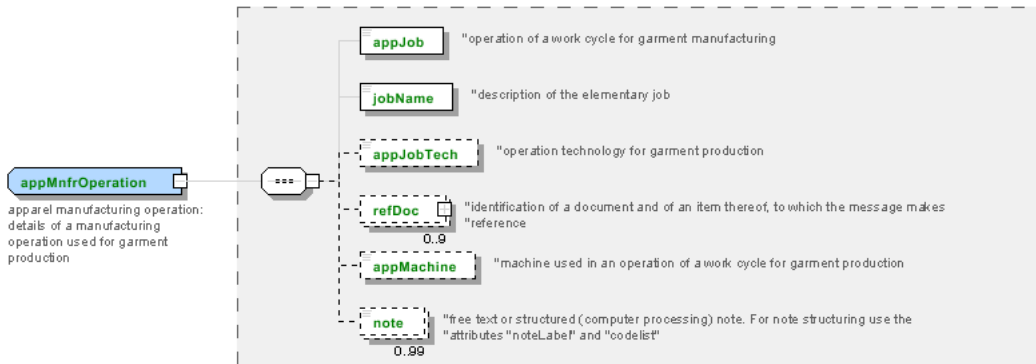
The content of this document represents the views of the authors only and is their sole responsibility; it cannot be considered to reflect the views of the European Commission or any other body of the European Union.

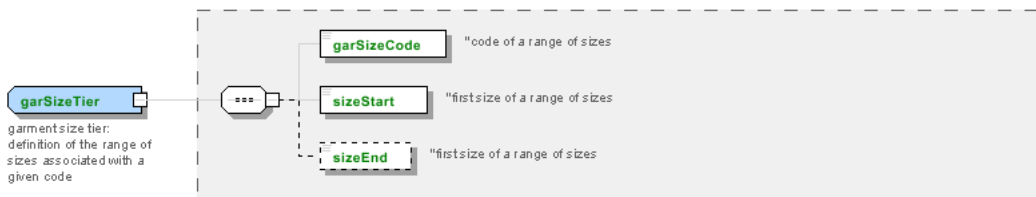
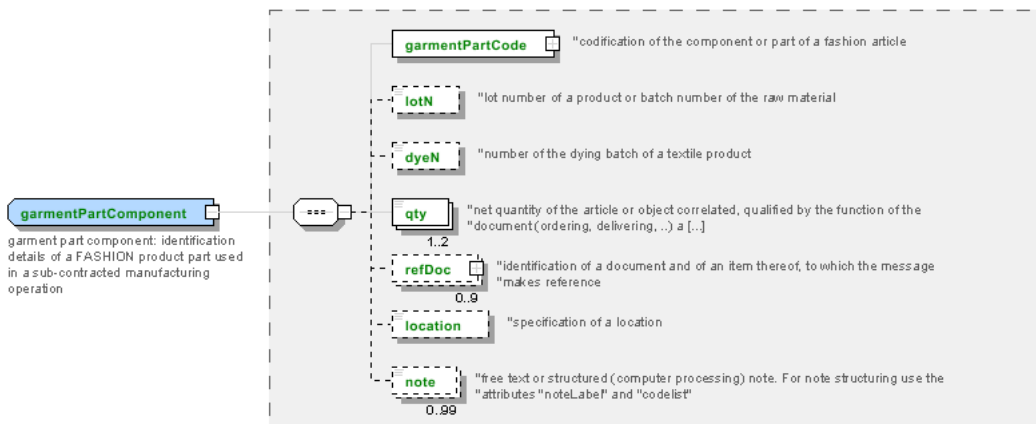
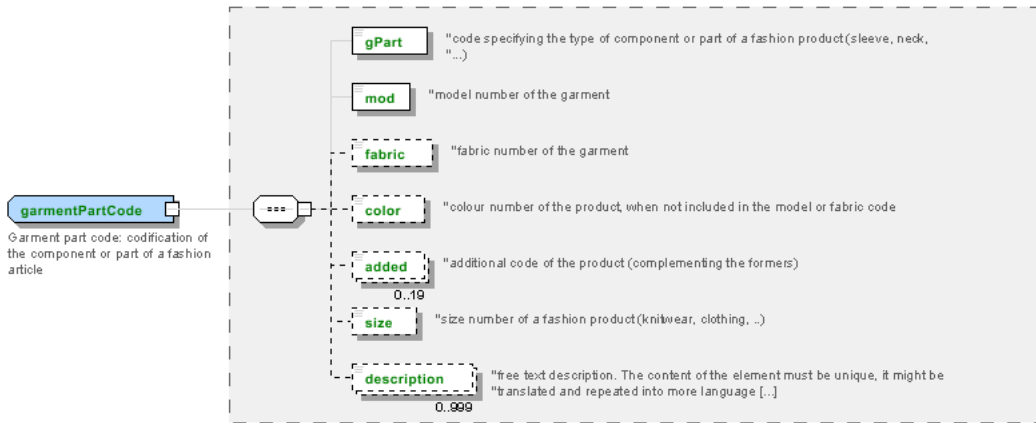
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Annex A

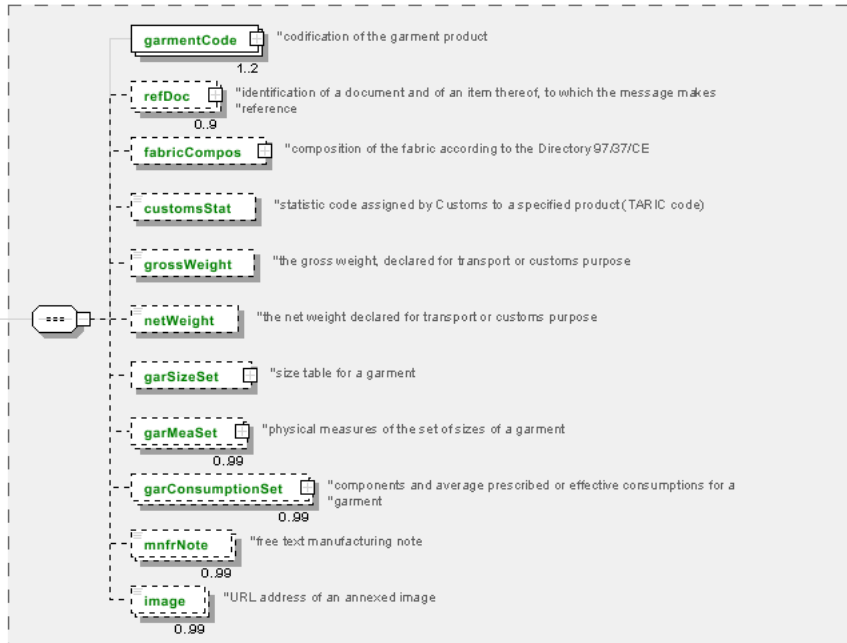
Representative images of the principal complex elements' structure.







garTecSheet
 garment technical sheet;
 garment technical sheet



KCCOheader
 KCCO header:
 header of the
 document FASHION
 COMMISSION ORDER



