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IMPLEMENTATION GUIDE TRANSACTION "RAW MATERIAL DYEING REQUEST"

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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: G047-eBIZ-RawMaterialDyeingRequest.pdf

0. PREMISE

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

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

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

1. BUSINESS DESCRIPTION

1.1 Scope

The present guide has been issued to assist the companies of the Textile-Clothing sector in the implementation of the standard XML document type "RAW MATERIAL DYEING REQUEST", providing all the instruction required for its use in the context of e-commerce between Subcontractors and their Customers shown in the enclosed diagram

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 Request is used by a Yarn Producer to request from a Subcontractor an Offer for the dyeing of a raw material.

The Request is structured in four levels:

Macro-type of Work Requested = document root (7 types of Request)

Product Family = document qualifier (type of product with reference to the manufacturing process; e.g.: combed yarn, jacquard weaved fabric, ..)

Product Specifications = "xxxSpecs" (technical characteristics and properties of the product)

Operations requested 0 "XXXMnfrOperation" (details of the works requested)

Quantities, unit measures and prices must be referred to the third level (Line Item)

1.3. Possible scenario

Subcontracted dyeing of raw material

Dyeing/Finishing Subcontractor

Yarn Producer

ontractor		
Ra	aw material Dyeing Reque	st
	Raw Material Dyeing Offe	
Raw Ma	iterial Dyeing Commissio	n Order
Raw m	naterial Dyeing Order Res	ponse
Raw	material Dyeing Order Ch	ange
Ra	w Material Despatch Adv	ice
	Fashion Receiving Advice	,
	Raw Material Order Status	· _
Ra	w Material Despatch Adv	ce
Raw M	aterial in Work Inventory	Report
		Ц

2. IMPLEMENTATION GUIDE

2.1 General structure of XML document

All the business data that can be exchanged through this class of documents are shown in the following "document structure", that provides a simplified vision of the Schema. In particular:

- the two numbers following each element define its "cardinality" (minimum and maximum number of occurrencies); the minimum equal zero indicates that the element is optional, the minimum greater than zero indicates that is mandatory;
- the bold character denotes the complex elements (aggregates of simple elements) that were built for the sake of functionality and re-usability of some complex informations sets. The child elements in each parent element are easily spotted as "indented";
- the symbol "@" denotes an attribute of the preceding element; here "the usage indicator (optional, required, ...) is shown in square brackets.

Structure

```
RAWDyeRequest
@msgfunction [Optional] [Default= OR]
@rawProcQualifier [Required]
@version [Optional] [Default= draft]
@useProfile [Optional]
  | RQheader 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]
        validityStart 0-1
        @dateForm [Optional]
        validityEnd 1-1
        @dateForm [Optional]
        refDoc 0-9
        @docType [Required]
            docID 1-2
            @numberingOrg [Optional]
            docDate 0-1
            @dateForm [Optional]
            season 0-1
            @numberingOrg [Optional]
             @codeList [Optional]
             @listName [Optional]
             @listVersion [Optional]
            itemID 0-1
            attachment 0-1
             @uid [Optional]
                fileName 0-1
                @numberingOrg [Optional]
                binaryObject 0-1
```

```
@format [Optional]
           @mime [Optional]
           @encoding [Optional]
           @characterSet [Optional]
          externalReference 0-99
              uri 1-1
               @isURL [Optional] [Default= true]
              mimeCode 0-1
              formatCode 0-1
              encodingCode 0-1
             | characterSetCode 0-1
  buyer 1-1
  @logo [Optional]
  @sender [Optional]
      id 1-1
      @numberingOrg [Optional]
      additionalIdentifier 0-9
       @numberingOrg [Optional]
       @idQualifier [Optional]
      legalName 0-1
      dept 0-1
      subDept 0-1
      person 0-1
      @email [Optional]
      @phone [Optional]
      @fax [Optional]
      street 0-1
      city 0-1
      subCountry 0-1
      country 0-1
    | postCode 0-1
- choose -
| supplier 0-1
  @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
- or -
| subContractor 0-1
  @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
  - end choose -
  | thirdParty 0-2
    @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]
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
        deliveryPlace 0-1
        grossWeight 0-1
        @um [Required]
        netWeight 0-1
        @um [Required]
        transMeans 0-1
        transCondition 0-3
        transConditionText 0-1
        despatchPlace 0-1
        despatchDate 0-1
        @dateForm [Optional]
        delEffectiveDate 0-1
       @dateForm [Optional]
    allowanceCharge 0-9
    @um [Optional]
    @VAT [Optional]
    @minQty [Optional]
    @currency [Optional]
    @maxQty [Optional]
     - choose -
      AC_category 1-1
     - or -
      | AC_categoryText 1-1
     - end choose -
     - choose -
      | AC_percent 1-1
     - or -
      | AC_amount 1-1
     - end choose -
        dtScheme 0-1
         @taxType [Required]
            taxCategory 0-1
            taxRate 0-1
            legalRef 0-1
            @codeList [Required]
            note 0-99
             @numberingOrg [Optional]
             @codeList [Optional]
            @noteLabel [Optional]
RDRQbody 1-1
    RDRQitem 1-unbounded
        lineN 1-1
        @VAT [Optional]
        rawSpecs 0-9
        - choose -
          | rawCharText 1-1
        - or -
          | rawChar 1-1
        - end choose -
            specValue 0-1
             @um [Optional]
             @source [Optional]
             @method [Optional]
             @application [Optional]
            @CV [Optional]
         choose -
            pcTolerance 0-2
            @um [Optional]
```

```
| tolerance 0-2
     @um [Required]
 - end choose -
 qty 1-2
 @um [Required]
 deliveryDate 1-1
  @dateForm [Optional]
 notBeforeDate 0-1
 @dateForm [Optional]
 thirdParty 0-1
  @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
| rawMnfrOperation 1-9
 - choose -
   | rawJob 1-1
 - or -
   | jobName 1-1
 - end choose -
    | refDoc 0-1
      @docType [Required]
         docID 1-2
          @numberingOrg [Optional]
         docDate 0-1
          @dateForm [Optional]
         season 0-1
          @numberingOrg [Optional]
          @codeList [Optional]
          @listName [Optional]
          @listVersion [Optional]
         itemID 0-1
          attachment 0-1
          @uid [Optional]
             fileName 0-1
              @numberingOrg [Optional]
             binaryObject 0-1
              @format [Optional]
              @mime [Optional]
              @encoding [Optional]
              @characterSet [Optional]
              externalReference 0-99
                 uri 1-1
                  @isURL [Optional] [Default= true]
                  mimeCode 0-1
                 formatCode 0-1
                  encodingCode 0-1
```

- or -

		characterSetCode 0-1
		note 0-99
		@numberingOrg [Optional]
Τ		@codeList [Optional]
Ĺ	ĺ	@noteLabel [Optional]
Ĺ	ĺ	note 0-99
ĺ	ĺ	@numberingOrg [Optional]
		@codeList [Optional]
		@noteLabel [Optional]

2.2 Detailed description of document elements

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

2.2.1 Complex elements (Aggregate Business Information Entities)

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

allowanceCharge	Allowances and Charges related to an Order or a contract (XPath RAWDyeRequest/terms/allowanceCharge) 0-9
attachment	an attached document. An attachment can refer to an external document or be included with the document being exchanged (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/refDoc/attachment) 0-1 (XPath RAWDyeRequest/RQheader/refDoc/attachment) 0-1
buyer	details of the Buyer (party that buys the good or service that is object of the current collaborative process) - base type: Nad, (XPath RAWDyeRequest/RQheader/buyer) 1-1
dtScheme	set of data usable to declare the duty or tax applied (XPath RAWDyeRequest/terms/allowanceCharge/dtScheme) 0-1
externalReference	details about an external object, such as a document stored at a remote loc ation (XPath RAWDyeRequest/RQheader/refDoc/attachment/externalReference) 0-99 (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/refDoc/attachment/externalReference) 0-99
insPayment	payment details for payment by installments (XPath RAWDyeRequest/terms/insPayment) 0-5 - note: excluded the case of offers, this set of data is alternative to payment set and must be iterated for each payment installment
payment	payment details for payment all in one (XPath RAWDyeRequest/terms/payment) 0-5 - note: excluded the case of offers, this set of data is alternative to insPaym ent, it can be iterated to specify alternative terms of payment (e.g.: 60 days or 30 days with 3% discount)
rawMnfrOperation	details of a manufacturing operation on raw material used for manufacturing a yarn product (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation) 1-9
rawSpecs	technical characteristics of a raw material linked to an operation of the sub-c ontracted production of yarn or to the purchas of yarn (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawSpecs) 0-9
RDRQbody	body of the document REQUEST FOR DYEING OF RAW MATERIAL (XPath RAWDyeRequest/RDRQbody) 1-1
RDRQitem	line of the document REQUEST FOR DYEING OF RAW MATERIAL (XPath RAWDyeRequest/RDRQbody/RDRQitem) 1-unbounded
refDoc	identification of a document and of an item thereof, to which the message m akes reference (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/refDoc) 0-1 (XPath RAWDyeRequest/RQheader/refDoc) 0-9

RQheader	header of the document REQUEST FOR OFFER (XPath RAWDyeRequest/RQheader) 1-1
subContractor	details of the Sub-contractor - base type: Nad, (XPath RAWDyeRequest/RQheader/subContractor) 0-1 - note: At least one out of Supplier and Subcontractor must be indicated.
supplier	details of the Supplier (party that supplies the good or service that is object of the current collaborative process) - base type: Nad, (XPath RAWDyeRequest/RQheader/supplier) 0-1 - note: At least one out of Supplier and Subcontractor must be indicated.
terms	details of the commercial obligations for payment and delivery (XPath RAWDyeRequest/terms) 0-1
thirdParty	details of the Third Party, different from Buyer or Supplier - base type: Nad, (XPath RAWDyeRequest/RQheader/thirdParty) 0-2 - note: In the Offer Request case it might give reference to the Originator of the request. (XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty) 0-1
trade	general terms of trade for the specified supply (XPath RAWDyeRequest/terms/trade) 0-1
transInfo	details of transport: mode, carrier and delivery place (XPath RAWDyeRequest/terms/transInfo) 0-5

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, (XPath RAWDyeRequest/terms/allowanceCharge/AC_amount) 1-1
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 (XPath RAWDyeRequest/terms/allowanceCharge/AC_category) 1-1
AC_categoryText	free text description of an Allowance or Charge - base type: string, max length: 250, (XPath RAWDyeRequest/terms/allowanceCharge/AC_categoryText) 1-1
AC_percent	amount of an Allowance or Charge as a percentage - base type: decimal, max inclusive: 100, fraction digits: 2, (XPath RAWDyeRequest/terms/allowanceCharge/AC_percent) 1-1
additionalIdentifier	additional identification code of a Party, for example customs registries or ot hers - base type: string, max length: 15, (XPath RAWDyeRequest/RQheader/buyer/additionalIdentifier) 0-9 - note: identifiers for example for exports, such as MID (Manufacturer Identification Code), EORI (E.O.R.I Economic Operator Registration and Identification) (XPath RAWDyeRequest/RQheader/supplier/additionalIdentifier) 0-9 - note: identifiers for example for exports, such as MID (Manufacturer Identification Code), EORI (E.O.R.I Economic Operator Registration and Identification)

@application	force or similar condition (e.g. no. of revolutions) applied in a test as specifie d within the standard - base type: string, max length: 15, (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawSpecs/specValue/@application) [Optional]
binaryObject	a binary large object containing an attached document - base type: base64Binary, (XPath RAWDyeRequest/RQheader/refDoc/attachment/binaryObject) 0-1 (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/ refDoc/attachment/binaryObject) 0-1
carrier	identification of the transport carrier - base type: string, max length: 40, (XPath RAWDyeRequest/terms/transInfo/carrier) 0-1
@characterSet	the character set of the binary object if the mime type is text - base type: normalizedString, (XPath RAWDyeRequest/RQheader/refDoc/attachment/ binaryObject/@characterSet) [Optional] (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/ refDoc/attachment/binaryObject/@characterSet) [Optional]
characterSetCode	the character set of an external document - base type: normalizedString, (XPath RAWDyeRequest/RQheader/refDoc/attachment/ externalReference/characterSetCode) 0-1 (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/ refDoc/attachment/externalReference/characterSetCode) 0-1
city	name of the city (town, village) - base type: string, max length: 40, (XPath RAWDyeRequest/RQheader/buyer/city) 0-1 (XPath RAWDyeRequest/RQheader/supplier/city) 0-1 (XPath RAWDyeRequest/RQheader/thirdParty/city) 0-1 (XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty/city) 0-1 (XPath RAWDyeRequest/RQheader/subContractor/city) 0-1
@codeList	it specifies the URL where the list of codes used to make an instance of the element can be found - base type: string, max length: 255, (XPath RAWDyeRequest/RDRQbody/RDRQitem/note/@codeList) [Optional] - nota: must be used to provide (URL) the list of codes used in "noteLabel" (XPath RAWDyeRequest/RQheader/refDoc/season/@codeList) [Optional] (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/
country	code of the nation - base type: string, cod. table: T10 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml (XPath RAWDyeRequest/RQheader/thirdParty/country) 0-1 (XPath RAWDyeRequest/RQheader/subContractor/country) 0-1 (XPath RAWDyeRequest/RQheader/buyer/country) 0-1 (XPath RAWDyeRequest/RQheader/supplier/country) 0-1 (XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty/country) 0-1

@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 (XPath RAWDyeRequest/terms/allowanceCharge/@currency) [Optional]
@CV	coefficient of variation (CV) of a measurement - base type: decimal, (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawSpecs/specValue/@CV) [Optional]
@dateForm	format used for the date - base type: string, cod. table: NT29 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml (XPath RAWDyeRequest/RQheader/msgDate/@dateForm) [Optional] (XPath RAWDyeRequest/RQheader/refDoc/docDate/@dateForm) [Optional] (XPath RAWDyeRequest/RQheader/validityStart/@dateForm) [Optional] (XPath RAWDyeRequest/RDRQbody/RDRQitem/notBeforeDate/@dateForm) [Optional] (XPath RAWDyeRequest/RQheader/validityEnd/@dateForm) [Optional] (XPath RAWDyeRequest/terms/transInfo/despatchDate/@dateForm) [Optional] (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/
delEffectiveDate	effective date of delivery of goods (declared in Despatch), according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW base type: string, (XPath RAWDyeRequest/terms/transInfo/delEffectiveDate) 0-1
deliveryDate	date of delivery of goods, requested or promised in the purchase process, a ccording to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YY YY-WW. - base type: string, (XPath RAWDyeRequest/RDRQbody/RDRQitem/deliveryDate) 1-1
deliveryPlace	place of delivery of goods, ultimate or related to a given leg - base type: string, max length: 250, (XPath RAWDyeRequest/terms/transInfo/deliveryPlace) 0-1
dept	name or code of a contact department within a Party - base type: string, max length: 40, (XPath RAWDyeRequest/RQheader/buyer/dept) 0-1 (XPath RAWDyeRequest/RQheader/supplier/dept) 0-1 (XPath RAWDyeRequest/RQheader/subContractor/dept) 0-1 (XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty/dept) 0-1 (XPath RAWDyeRequest/RQheader/thirdParty/dept) 0-1
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 Y YYY-WW. - base type: string, (XPath RAWDyeRequest/terms/transInfo/despatchDate) 0-1
despatchPlace	place of despatch of goods, origin or related to a given leg - base type: string, max length: 250, (XPath RAWDyeRequest/terms/transInfo/despatchPlace) 0-1
docDate	date of issue of the referenced document, according to one of the patterns Y YYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/refDoc/docDate) 0-1 (XPath RAWDyeRequest/RQheader/refDoc/docDate) 0-1

docID	identification number of the referenced document SINCE 2008-1 ITS USE I
G001D	N THE HEADER IS DISCOURAGED (REPLACED BY msgID) - base type: string, max length: 80, (XPath RAWDyeRequest/RQheader/refDoc/docID) 1-2 (XPath RAWDyeRequest/RQheader/docID) 0-1
	(XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/ refDoc/docID) 1-2
@docType	type or class to which the referenced document belongs - base type: string, cod. table: T21 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml (XPath RAWDyeRequest/RQheader/refDoc/@docType) [Required] (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/refDoc/@docType) [Required]
@email	electronic mail address of the contact person within a Party - base type: string, max length: 250, (XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty/person/@email) [Option al]
	(XPath RAWDyeRequest/RQheader/buyer/person/@email) [Optional] (XPath RAWDyeRequest/RQheader/supplier/person/@email) [Optional] (XPath RAWDyeRequest/RQheader/thirdParty/person/@email) [Optional] (XPath RAWDyeRequest/RQheader/subContractor/person/@email) [Optional]
@encoding	specifies the decoding algorithm of the binary object - base type: normalizedString, (XPath RAWDyeRequest/RQheader/refDoc/attachment/ binaryObject/@encoding) [Optional] (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/ refDoc/attachment/binaryObject/@encoding) [Optional]
encodingCode	the encoding/decoding algorithm used with the external object - base type: normalizedString, (XPath RAWDyeRequest/RQheader/refDoc/attachment/ externalReference/encodingCode) 0-1 (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/ refDoc/attachment/externalReference/encodingCode) 0-1
@fax	fax number of the contact person within a Party - base type: string, max length: 35, (XPath RAWDyeRequest/RQheader/thirdParty/person/@fax) [Optional] (XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty/person/@fax) [Optional] (XPath RAWDyeRequest/RQheader/subContractor/person/@fax) [Optional] (XPath RAWDyeRequest/RQheader/buyer/person/@fax) [Optional] (XPath RAWDyeRequest/RQheader/supplier/person/@fax) [Optional]
fileName	unique identifier (name) of the file - base type: string, max length: 255, (XPath RAWDyeRequest/RQheader/refDoc/attachment/fileName) 0-1 (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/refDoc/attachment/fileName) 0-1
@finDiscount	financial discount rate applied for payment by the date specified - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2, (XPath RAWDyeRequest/terms/payment/@finDiscount) [Optional]
@finSurcharge	financial surcharge rate applied for payment after the date specified - base type: decimal, min inclusive: 0, max inclusive: 100, fraction digits: 2, (XPath RAWDyeRequest/terms/payment/@finSurcharge) [Optional]
@format	the format of the binary content - base type: string, (XPath RAWDyeRequest/RQheader/refDoc/attachment/ binaryObject/@format) [Optional] (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/ refDoc/attachment/binaryObject/@format) [Optional]

formatCode	the format of the external object - base type: normalizedString, (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/ refDoc/attachment/externalReference/formatCode) 0-1 (XPath RAWDyeRequest/RQheader/refDoc/attachment/ externalReference/formatCode) 0-1
grossWeight	the gross weight, declared for transport or customs purpose - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath RAWDyeRequest/terms/transInfo/grossWeight) 0-1
id	primary identification code of a Party; it is recommended the format: nation c ode (ISO 3166) + VAT identification number (11 crt), with the qualifier "num beringOrg"= MF - base type: string, max length: 15, (XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty/id) 1-1 (XPath RAWDyeRequest/RQheader/buyer/id) 1-1 (XPath RAWDyeRequest/RQheader/thirdParty/id) 1-1 (XPath RAWDyeRequest/RQheader/subContractor/id) 1-1 (XPath RAWDyeRequest/RQheader/supplier/id) 1-1
@idQualifier	Qualification of the identifier base type: string, (XPath RAWDyeRequest/RQheader/supplier/additionalIdentifier/@idQualifier) [Optio nal] - nota: this attribute should be used when the numberingOrg attribute is not enough to declare the type of identifier (XPath RAWDyeRequest/RQheader/buyer/additionalIdentifier/@idQualifier) [Optiona l] - nota: this attribute should be used when the numberingOrg attribute is not enough to declare the type of identifier
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 (XPath RAWDyeRequest/terms/trade/incoTerm) 1-1
incoTermText	free text specifying the terms of trade (incoterm, location) - base type: string, max length: 250, (XPath RAWDyeRequest/terms/trade/incoTermText) 1-1
@isURL	it indicates if the referred element is an URL (true) or not (false) - base type: boolean, (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/
itemID	number of the line/item of the referenced document - base type: string, max length: 6, (XPath RAWDyeRequest/RQheader/refDoc/itemID) 0-1 (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/refDoc/itemID) 0-1
jobName	description of the elementary job - base type: string, max length: 40, (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/jobName) 1-1
legalName	legal name of a Party - base type: string, max length: 250, (XPath RAWDyeRequest/RQheader/thirdParty/legalName) 0-1 (XPath RAWDyeRequest/RQheader/buyer/legalName) 0-1 (XPath RAWDyeRequest/RQheader/subContractor/legalName) 0-1 (XPath RAWDyeRequest/RQheader/supplier/legalName) 0-1

	(XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty/legalName) 0-1
legalRef	legal reference of the duty or tax or fee category - base type: string, (XPath RAWDyeRequest/terms/allowanceCharge/dtScheme/legalRef) 0-1
lineN	number of the line item of the present message (xml document); it is set by the role that produces the document. Usually it is a progressive number, but not always. - base type: positiveInteger, min inclusive: 1, max inclusive: 9999, (XPath RAWDyeRequest/RDRQbody/RDRQitem/lineN) 1-1
@listName	the name of the list of codes used to make an instance of the element (it mi gth be thought as descriptive element, i.e. 'fabric printing technologies', or n ot, i.e. "T264") - base type: string, max length: 40, (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/refDoc/season/@listName) [Optional] (XPath RAWDyeRequest/RQheader/refDoc/season/@listName) [Optional] (XPath RAWDyeRequest/RQheader/season/@listName) [Optional]
@listVersion	it specifie the version of the list of codes used to make an instance of the ele ment - base type: string, max length: 6, (XPath RAWDyeRequest/RQheader/refDoc/season/@listVersion) [Optional] (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/refDoc/season/@listVersion) [Optional] (XPath RAWDyeRequest/RQheader/season/@listVersion) [Optional]
location	specification of a location - base type: string, max length: 40, (XPath RAWDyeRequest/terms/trade/location) 0-1 - note: place to which the INCOTERM applies
@logo	company logo (URL of the image jpeg or gif). It is recommended that the width of the image does not exceed 640 pixel base type: string, max length: 255, (XPath RAWDyeRequest/RQheader/supplier/@logo) [Optional] (XPath RAWDyeRequest/RQheader/buyer/@logo) [Optional]
@LRI	attribute usable to format a string according to a customized User rule (local rule) - base type: string, cod. table: NT3 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT3.xml (XPath RAWDyeRequest/terms/trade/location/@LRI) [Optional]
@maxQty	maximum product quantity - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath RAWDyeRequest/terms/allowanceCharge/@maxQty) [Optional] - nota: maximum quantity of product for the application of this allowance or c harge
@method	standard protocol or method employed in a test to evaluate a characteristic or a parameter - base type: string, max length: 80, (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawSpecs/specValue/@method) [Optional]
@mime	the mime type of the binary object - base type: normalizedString, (XPath RAWDyeRequest/RQheader/refDoc/attachment/ binaryObject/@mime) [Optional] (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/ refDoc/attachment/binaryObject/@mime) [Optional]
mimeCode	mime type of the external object

	(XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/ refDoc/attachment/externalReference/mimeCode) 0-1 (XPath RAWDyeRequest/RQheader/refDoc/attachment/ externalReference/mimeCode) 0-1
@minQty	minimum product quantity - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath RAWDyeRequest/terms/allowanceCharge/@minQty) [Optional] - nota: minimum quantity of product for the application of this allowance or c harge
msgDate	date of issue of the present message (xml document), according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW base type: string, (XPath RAWDyeRequest/RQheader/msgDate) 1-1
@msgfunction	function performed by the present message with regards to the transmission - base type: string, cod. table: NT18 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT18.xml (XPath RAWDyeRequest/@msgfunction) [Optional] [Default= OR]
msgID	key identifier of the business document in the information system of the issui ng Party. In case of more despatches of the same business document, it is unchanged. - base type: string, max length: 35, (XPath RAWDyeRequest/RQheader/msgID) 0-1
msgN	identification number given to the message (xml document) by its issuer. In case of more despatches of the same business document, it changes base type: string, max length: 35, (XPath RAWDyeRequest/RQheader/msgN) 1-1
netWeight	the net weight declared for transport or customs purpose - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath RAWDyeRequest/terms/transInfo/netWeight) 0-1
notBeforeDate	earliest date possible to beguin an activity, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW base type: string, (XPath RAWDyeRequest/RDRQbody/RDRQitem/notBeforeDate) 0-1
note	free text or structured (computer processing) note. For note structuring use t he attributes "noteLabel" and "codelist" - base type: string, max length: 350, (XPath RAWDyeRequest/terms/allowanceCharge/dtScheme/note) 0-99 (XPath RAWDyeRequest/RQheader/note) 0-99 (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/note) 0-99 (XPath RAWDyeRequest/RDRQbody/RDRQitem/note) 0-99
@noteLabel	subject qualifier of a note - base type: string, max length: 35, (XPath RAWDyeRequest/RQheader/note/@noteLabel) [Optional] - nota: must be used to qualify the subject of the note (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/ note/@noteLabel) [Optional] - nota: must be used to qualify the subject of the note (XPath RAWDyeRequest/RDRQbody/RDRQitem/note/@noteLabel) [Optional] - nota: must be used to qualify the subject of the note (XPath RAWDyeRequest/terms/allowanceCharge/dtScheme/note/@noteLabel) [Optional] - nota: must be used to qualify the subject of the note
@numberingOrg	code specifying the organisation who has created or owns the coding or nu mbering system - base type: string, cod. table: NT6 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml (XPath RAWDyeRequest/RQheader/docID/@numberingOrg) [Optional]

	- nota: here can be specified whose document numbering is used (e.g.: Clie nt, Supplier,)
	(XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/
	refDoc/docID/@numberingOrg) [Optional]
	- nota: here can be specified whose document numbering is used (e.g.: Clie
	nt, Supplier,) (XPath RAWDyeRequest/RQheader/thirdParty/id/@numberingOrg) [Optional]
	(XPath RAWDyeRequest/RQheader/season/@numberingOrg) [Optional]
	(XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/
	refDoc/attachment/fileName/@numberingOrg) [Optional] (XPath RAWDyeRequest/terms/allowanceCharge/dtScheme/note/@numberingOrg)
	[Optional]
	(XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/ refDoc/season/@numberingOrg) [Optional]
	(XPath RAWDyeRequest/RQheader/subContractor/id/@numberingOrg) [Optional]
	(XPath RAWDyeRequest/RQheader/buyer/id/@numberingOrg) [Optional] (XPath RAWDyeRequest/RDRQbody/RDRQitem/note/@numberingOrg) [Optional]
	(XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/ note/@numberingOrg) [Optional]
	(XPath RAWDyeRequest/RQheader/refDoc/docID/@numberingOrg) [Optional]
	- nota: here can be specified whose document numbering is used (e.g.: Clie nt, Supplier,)
	(XPath RAWDyeRequest/RQheader/refDoc/season/@numberingOrg) [Optional] (XPath RAWDyeRequest/RQheader/refDoc/attachment/fileName/@numberingOrg) [
	Optional]
	(XPath RAWDyeRequest/RQheader/supplier/id/@numberingOrg) [Optional] (XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty/id/@numberingOrg) [Opt
	ional] (XPath RAWDyeRequest/RQheader/note/@numberingOrg) [Optional]
	(XPath RAWDyeRequest/RQheader/buyer/additionalIdentifier/@numberingOrg) [Optional]
	- nota: here the issuer of the identifier must be specified (XPath
	RAWDyeRequest/RQheader/supplier/additionalIdentifier/@numberingOrg) [
	Optional] - nota: here the issuer of the identifier must be specified
@part	percent fraction of a total payment
	- base type: decimal, min inclusive: 1, max inclusive: 99, fraction digits: 2,
	(XPath RAWDyeRequest/terms/insPayment/@part) [Required] - nota: here the % value of each installment must be indicated
	- Hota. Here the 76 value of each installment must be indicated
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
	(XPath RAWDyeRequest/terms/insPayment/payMode) 0-1
	(XPath RAWDyeRequest/terms/payment/payMode) 0-1
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 (XPath RAWDyeRequest/terms/insPayment/payTerm) 1-1
	(XPath RAWDyeRequest/terms/payment/payTerm) 1-1
payTermText	free text specifying the terms by which the payment must be done (time/mo
	de or means)
	- base type: string, max length: 250, (XPath RAWDyeRequest/terms/insPayment/payTermText) 1-1
	(XPath RAWDyeRequest/terms/payment/payTermText) 1-1
pcTolerance	percent deviation tolerated on the value of a measurement (it must have a pl
	us or minus sign)
	- base type: decimal, min inclusive: 0, max inclusive: 100, total digits: 2, (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawSpecs/pcTolerance) 0-2
person	name of the contact person within a Party
- 	- base type: string, max length: 40,

	(XPath RAWDyeRequest/RQheader/buyer/person) 0-1 (XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty/person) 0-1 (XPath RAWDyeRequest/RQheader/supplier/person) 0-1 (XPath RAWDyeRequest/RQheader/subContractor/person) 0-1 (XPath RAWDyeRequest/RQheader/thirdParty/person) 0-1
@phone	phone number of the contact person within a Party - base type: string, max length: 35, (XPath RAWDyeRequest/RQheader/supplier/person/@phone) [Optional] (XPath RAWDyeRequest/RQheader/buyer/person/@phone) [Optional] (XPath RAWDyeRequest/RQheader/subContractor/person/@phone) [Optional] (XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty/person/@phone) [Optional] (XPath RAWDyeRequest/RQheader/thirdParty/person/@phone) [Optional]
postCode	code defining the postal zone - base type: string, max length: 10, (XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty/postCode) 0-1 (XPath RAWDyeRequest/RQheader/supplier/postCode) 0-1 (XPath RAWDyeRequest/RQheader/subContractor/postCode) 0-1 (XPath RAWDyeRequest/RQheader/thirdParty/postCode) 0-1 (XPath RAWDyeRequest/RQheader/buyer/postCode) 0-1
@progr	progressive number in the sequence - base type: positiveInteger, min inclusive: 1, (XPath RAWDyeRequest/terms/transInfo/@progr) [Optional] - nota: Indicates the position of the leg in a sequence of transport legs.
qty	net quantity of the article or object correlated, qualified by the function of the document (ordering, delivering,) and by the context - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath RAWDyeRequest/RDRQbody/RDRQitem/qty) 1-2 AAAA-WARNING! - text not AVAILABLE n. 245 - In=en
rawChar	physical or mechanical parameter used to define a characteristics of a raw material - base type: string, cod. table: T22 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T22.xml (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawSpecs/rawChar) 1-1
rawCharText	free text describing the physical or mechanical parameter used to define a c haracteristics of a raw material - base type: string, max length: 250, (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawSpecs/rawCharText) 1-1
rawJob	operation of a work cycle for raw material - base type: string, cod. table: T200 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T200.xml (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/rawJob) 1-1
@rawProcQualifier	type of raw material with reference to the manufacturing process - base type: string, cod. table: NT30 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT30.xml (XPath RAWDyeRequest/@rawProcQualifier) [Required]
@role	Third Party role qualifier - base type: string, cod. table: NT2 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT2.xml (XPath RAWDyeRequest/RQheader/thirdParty/@role) [Required] (XPath RAWDyeRequest/RDRQbody/RDRQitem/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 RAWDyeRequest/RQheader/season) 0-1 (XPath RAWDyeRequest/RQheader/refDoc/season) 0-1

	 note: here indicates the season to which the referenced document belongs (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/ refDoc/season) 0-1 note: here indicates the season to which the referenced document belongs
@sender	qualifier that specifies the Party issuing of the document - base type: boolean, (XPath RAWDyeRequest/RQheader/buyer/@sender) [Optional] - nota: This attibute is mandatory when the STYLESHEET must be used (XPath RAWDyeRequest/RQheader/supplier/@sender) [Optional] - nota: This attibute is mandatory when the STYLESHEET must be used (XPath RAWDyeRequest/RQheader/thirdParty/@sender) [Optional] - nota: This attibute is mandatory when the STYLESHEET must be used (XPath RAWDyeRequest/RQheader/subContractor/@sender) [Optional] - nota: This attibute is mandatory when the STYLESHEET must be used (XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty/@sender) [Optional] - nota: This attibute is mandatory when the STYLESHEET must be used
@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 (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawSpecs/specValue/@source) [Optional]
specValue	value requested for a property or a parameter that is measured - base type: decimal, (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawSpecs/specValue) 0-1
street	street and building number identifying a location - base type: string, max length: 80, (XPath RAWDyeRequest/RQheader/supplier/street) 0-1 (XPath RAWDyeRequest/RQheader/subContractor/street) 0-1 (XPath RAWDyeRequest/RQheader/thirdParty/street) 0-1 (XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty/street) 0-1 (XPath RAWDyeRequest/RQheader/buyer/street) 0-1
subCountry	short name or code of the sub-country entity - base type: string, max length: 9, (XPath RAWDyeRequest/RQheader/buyer/subCountry) 0-1 (XPath RAWDyeRequest/RQheader/subContractor/subCountry) 0-1 (XPath RAWDyeRequest/RQheader/supplier/subCountry) 0-1 (XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty/subCountry) 0-1 (XPath RAWDyeRequest/RQheader/thirdParty/subCountry) 0-1
subDept	name or code of a contact department within a Party - base type: string, max length: 40, (XPath RAWDyeRequest/RQheader/buyer/subDept) 0-1 (XPath RAWDyeRequest/RQheader/subContractor/subDept) 0-1 (XPath RAWDyeRequest/RQheader/supplier/subDept) 0-1 (XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty/subDept) 0-1 (XPath RAWDyeRequest/RQheader/thirdParty/subDept) 0-1
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 (XPath RAWDyeRequest/terms/allowanceCharge/dtScheme/taxCategory) 0-1
taxRate	duty or tax or fee percent rate - base type: string, (XPath RAWDyeRequest/terms/allowanceCharge/dtScheme/taxRate) 0-1
@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 (XPath RAWDyeRequest/terms/allowanceCharge/dtScheme/@taxType) [Required]

tolerance	deviation tolerated on the value of a measurement (it must have a plus or mi nus sign) - base type: decimal, (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawSpecs/tolerance) 0-2		
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 (XPath RAWDyeRequest/terms/transInfo/transCondition) 0-3		
transConditionText	free text description of the special condition of transport or special service re quested to the Forwarder - base type: string, max length: 250, (XPath RAWDyeRequest/terms/transInfo/transConditionText) 0-1		
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 (XPath RAWDyeRequest/terms/transInfo/transMeans) 0-1		
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 (XPath RAWDyeRequest/terms/transInfo/transMode) 1-1		
@transReason	reason for the transport - base type: string, cod. table: NT11 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT11.xml (XPath RAWDyeRequest/terms/transInfo/@transReason) [Optional]		
@uid	unique element identifier within the xml document - base type: string, (XPath RAWDyeRequest/RQheader/refDoc/attachment/@uid) [Optional] (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/ refDoc/attachment/@uid) [Optional]		
@um	specification of the unit of measure - base type: string, cod. table: NT7 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT7.xml (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawSpecs/ pcTolerance/@um) [Optional] - nota: to be used when it has to be soecified if the declared percentage is b y weight, volume, etc (XPath RAWDyeRequest/terms/transInfo/grossWeight/@um) [Required] (XPath RAWDyeRequest/terms/transInfo/netWeight/@um) [Required] (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawSpecs/specValue/@um) [Optional] (XPath RAWDyeRequest/terms/allowanceCharge/@um) [Optional] (XPath RAWDyeRequest/RDRQbody/RDRQitem/qty/@um) [Required] (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawSpecs/tolerance/@um) [Required]		
uri	Uniform Resource Identifier (URI) that identifies the external object as an Int ernet resource - base type: normalizedString, (XPath RAWDyeRequest/RQheader/refDoc/attachment/ externalReference/uri) 1-1 (XPath RAWDyeRequest/RDRQbody/RDRQitem/rawMnfrOperation/ refDoc/attachment/externalReference/uri) 1-1		
@useProfile	use profile to which the present document if compliant if it was agreed by the parties. It is suggested a URI with reference to the firms or the URL of the profile. - base type: string, (XPath RAWDyeRequest/@useProfile) [Optional]		

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, (XPath RAWDyeRequest/RQheader/validityEnd) 1-1
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, (XPath RAWDyeRequest/RQheader/validityStart) 0-1
@VAT	VAT rate or code (DEPRECATED, use dtScheme element) - base type: string, cod. table: NT16 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT16.xml (XPath RAWDyeRequest/RQheader/thirdParty/@VAT) [Optional] (XPath RAWDyeRequest/RDRQbody/RDRQitem/thirdParty/@VAT) [Optional] (XPath RAWDyeRequest/terms/allowanceCharge/@VAT) [Optional] (XPath RAWDyeRequest/RDRQbody/RDRQitem/lineN/@VAT) [Optional] - nota: Deprecated, prefer dtScheme when available.
@version	Dictionary version from which the instance has been created - base type: string, cod. table: NT100 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT100.xml (XPath RAWDyeRequest/@version) [Optional] [Default= draft]

2.3 Suggested best practices

RAWDyeRequest/RDRQbody/RDRQitem/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

2.4 Enumeration tables

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

NT100 - eBIZ TCFUpstream version

NT11 - transport causal

NT12 - data source

NT16 - VAT rate or code

NT18 - message function

NT2 - third party qualifier

NT29 - format of a date

NT3 - data format

NT30 - raw material family

NT6 - coding system owner/issuer

NT7 - unit of measure

T1 - terms of payment

T10 - ISO3166 - Country

T2 - Modes of payment

T200 - type of job on raw material

T21 - type of document

T22 - raw material characteristics type

T3 - terms of delivery

T38 - transport conditions

T40 - type of transport means

T41 - type of Allowance or Charge

T61 - duty or tax or fee type

T62 - duty or tax or fee category

T8 - Modes of Transport

T9 - ISO4217 - Currency

ACKNOWLEDGEMENT



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

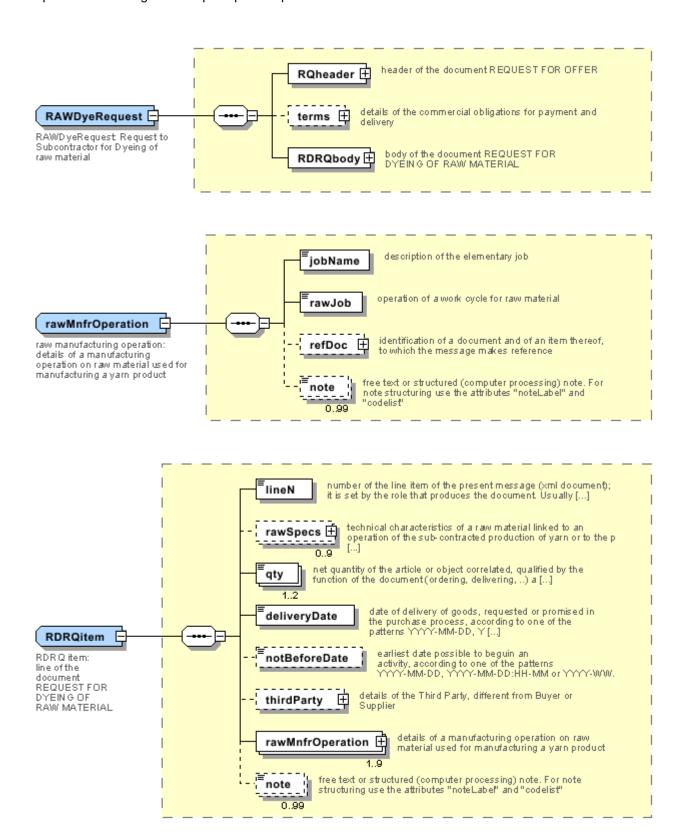
DISCLAIMER

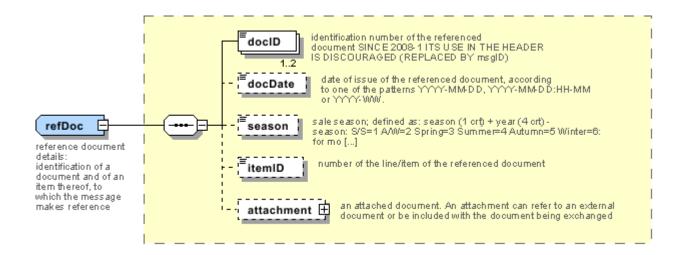
The content of this document represents the views of the authors only and is their sole responsibility; it cannot be considered to reflect the views of the European Commission and/or the Executive Agency for Small and Medium-sized Enterprises (EASME) or any other body of the European Union.

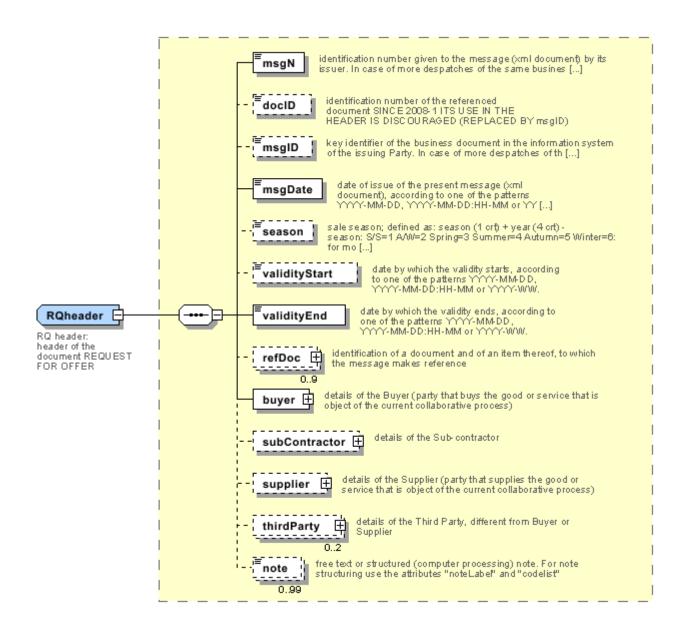
The European Commission and the Agency do not accept any responsibility for use that may be made of the information it contains.

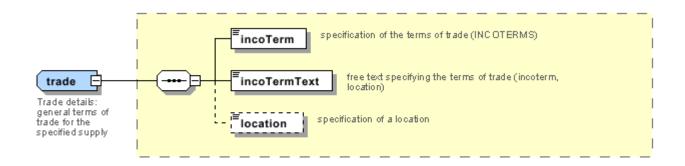
Annex A

Representative images of the principal complex elements' structure.









Annex B

NT100 - eBIZ TCFUpstream version

dictionary version

Agency name: eBIZ

tabella cod.: NT100

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

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

NT11 - transport causal

reason for the transport

Agency name: eBIZ

tabella cod.: NT11

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT11.xml

Code	Description	Adoption note	Date of insertion
FOC	free of charge		
FRW	return from re-works		
FST	return from storage		
FVW	return from view		
FWK	return from works		
IST	in storage		
NWK	return non-worked		
RJC	return from rejection		
SEL	to sell		
STO	to storage		
VEW	to view		
WRK	to works		

NT12 - data source

party who has provided the data

Agency name: eBIZ

tabella cod.: NT12

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT12.xml

Code	Description	Adoption note	Date of insertion
AC	internal test		
СО	external test		
CV	test after steaming		

NT16 - VAT rate or code

VAT rate or code (DEPRECATED, use dtScheme element)

tabella cod.: NT16

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

NT18 - message function

function performed by the present message with regards to the transmission

Agency name: eBIZ

tabella cod.: NT18

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

Code	Description	Adoption note	Date of insertion
CA	delete this document		01/07/2013
СР	сору		
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

Code	Description	Adoption note	Date of insertion
AG	Sales Agent		
СО	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

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

NT3 - data format

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

Agency name: eBIZ

tabella cod.: NT3

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

Code	Description	Adoption	Date of
	-	note	insertion

EN4	GS1-GLN	01/07/2013
MD	mutually agreed	

NT30 - raw material family

type of raw material with reference to the manufacturing process

Agency name: eBIZ

tabella cod.: NT30

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT30.xml

Code	Description	Adoption note	Date of insertion
FIO	staple fibre		
TOP	top		
TOW	tow		

NT6 - coding system owner/issuer

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

Agency name: eBIZ

tabella cod.: NT6

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

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

NT7 - unit of measure

33

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

Agency name: eBIZ / UN/ECE

tabella cod.: NT7

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT7.xml

Other link: http://docs.oasis-open.org/ubl/os-UBL-2.1/cl/gc/default/UnitOfMeasureCode-2.1.gc#

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

T1 - terms of payment

code specifying the terms or time by which the payment must be done

Agency name: eBIZ

tabella cod.: T1

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T1.xml

Code	Description	Adoption note	Date of insertion
ANTICIP	PAYMENT IN ADVANCE		
BLCOLLECT/120D	BILL OF LADING 120 DD		
BLCOLLECT/30D	BILL OF LADING 30 DD		
BLCOLLECT/60D	BILL OF LADING 60 DD		
BLCOLLECT/90D	BILL OF LADING 90 DD		
CASH	PAYMENT ON DELIVERY		
CASHINV	PAYMENT ON RECEIPT OF INVOICE		
CREDOC/0D	DOCUMENTARY CREDIT FOR PAYM. AT SIGHT		
CREDOC/120	DOCUMENTARY CREDIT FOR PAYM. AT 120 DD		
CREDOC/150	DOCUMENTARY CREDIT FOR PAYM. AT 150 DD		
CREDOC/180	DOCUMENTARY CREDIT FOR PAYM. AT 180 DD		
CREDOC/30D	DOCUMENTARY CREDIT FOR PAYM. AT 30 DD		
CREDOC/45D	DOCUMENTARY CREDIT FOR PAYM. AT 45 DD		
CREDOC/60	DOCUMENTARY CREDIT FOR PAYM. AT 60 DD		
CREDOC/90	DOCUMENTARY CREDIT FOR PAYM. AT 90 DD		
DEL/10	PAYMENT AT 10 DD AFTER DELIVERY		
DOCOLLECT/120D	DOCUMENTARY COLLECTION AT 120 DD		
DOCOLLECT/30D	DOCUMENTARY COLLECTION AT 30 DD		
DOCOLLECT/60D	DOCUMENTARY COLLECTION AT 60 DD		
DOCOLLECT/90D	DOCUMENTARY COLLECTION AT 90 DD		
INV/120D	PAYMENT AT 120 DD AFTER RECEIPT OF INVOICE		
INV/150D	PAYMENT AT 150 DD AFTER RECEIPT OF INVOICE		
INV/180D	PAYMENT AT 180 DD AFTER RECEIPT OF INVOICE		
INV/30D	PAYMENT AT 30 DD AFTER RECEIPT OF INVOICE		
INV/45D	PAYMENT AT 45 DD AFTER RECEIPT OF INVOICE		
INV/60D	PAYMENT AT 60 DD AFTER RECEIPT OF INVOICE		
INV/90D	PAYMENT AT 90 DD AFTER RECEIPT OF INVOICE		

INVULTIMO	PAYMENT AT END MONTH RECEIPT INVOICE	
INVULTIMO/10D	PAYMENT 10 DD AFTER END MONTH RECEIPT INVOICE	
INVULTIMO/120D	PAYMENT 120 DD AFTER END MONTH RECEIPT INVOICE	
INVULTIMO/150D	PAYMENT 150 DD AFTER END MONTH RECEIPT INVOICE	
INVULTIMO/180D	PAYMENT 180 DD AFTER END MONTH RECEIPT INVOICE	
INVULTIMO/240D	PAYMENT 240 DD AFTER END MONTH RECEIPT INVOICE	
INVULTIMO/30D	PAYMENT 30 DD AFTER END MONTH RECEIPT INVOICE	
INVULTIMO/45D	PAYMENT 45 DD AFTER END MONTH RECEIPT INVOICE	
INVULTIMO/60D	PAYMENT 60 DD AFTER END MONTH RECEIPT INVOICE	
INVULTIMO/90D	PAYMENT 90 DD AFTER END MONTH RECEIPT INVOICE	
NOPAY	WITHOUT PAYMENT	
RECREDOC/0D	IRREVOC. DOCUMENTARY CREDIT FOR PAYM. AT SIGHT	
RECREDOC/120D	IRREVOC. DOCUMENTARY CREDIT FOR PAYM. AT 120 DD	
RECREDOC/150D	IRREVOC. DOCUMENTARY CREDIT FOR PAYM. AT 150 DD	
RECREDOC/180D	IRREVOC. DOCUMENTARY CREDIT FOR PAYM. AT 180 DD	
RECREDOC/30D	IRREVOC. DOCUMENTARY CREDIT FOR PAYM. AT 30 DD	
RECREDOC/45D	IRREVOC. DOCUMENTARY CREDIT FOR PAYM. AT 45 DD	
RECREDOC/60D	IRREVOC. DOCUMENTARY CREDIT FOR PAYM. AT 60 DD	
RECREDOC/90D	IRREVOC. DOCUMENTARY CREDIT FOR PAYM. AT 90 DD	
ULTIMO	PAYMENT BY END MONTH OF DELIVERY	
ULTIMO/10	PAYMENT AT 10 DD AFTER END MONTH OF DELIVERY	
		 · ·

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

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T2 - Modes of payment

way or means of payment

Agency name: eBIZ

tabella cod.: T2

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T2.xml

Code	Description	Adoption note	Date of insertion
BB	bank transfer		
IA	collection through Agent		
IS	collection through Forwarder		
RB	bank receipt		
RD	remittance		
SW	bank SWIFT		
TR	bank draft		

T200 - type of job on raw material

operation of a work cycle for raw material

Agency name: eBIZ

tabella cod.: T200

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T200.xml

Code	Description	Adoption note	Date of insertion
01	dejarrare		
02	to wash		
03	to dry		
04	to mix		
05	to comb		
06	to cut		
07	to tear open		
08	to beat		
09	to carbonise		
10	to dye		
11	felting		
12	to smoothen		
13	vigoreux		
14	angra		
15	basolan		
16	unshrinkable		

T21 - type of document

type or class to which the referenced document belongs

Agency name: eBIZ

tabella cod.: T21

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

Code	Description	Adoption note	Date of insertion
BOR	blanket order		01/02/2018
CAT	Price catalogue - tech sheet		
CEO	Certificate of origin		13/04/2018
CER	Certificate		13/04/2018
COC	colour card		
CRN	Credit note		08/09/2017
СТО	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
ОСН	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	

T22 - raw material characteristics type

physical or mechanical parameter used to define a characteristics of a raw material

Agency name: eBIZ

tabella cod.: T22

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T22.xml

Code	Description	Adoption note	Date of insertion
FIN	fineness		
LNG	length		
RTR	shrinkage		
YLD	yeld		

T3 - terms of delivery

specification of the terms of trade (INCOTERMS)

Agency name: Incoterms

tabella cod.: T3

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T3.xml

Code	Description	Adoption note	Date of insertion
CF R	COST AND FREIGHT (named port of destinatio n)		
CIF	COST, INSURANCE AND FREIGHT (named p ort of destination)		
CIP	CARRIAGE AND INSURANCE PAID (named pl ace of destination)		
CP T	CARRIAGE PAID (named place of destination)		
DA F	DELIVERED AT FRONTIER (named place)	according to Incoterms® 2010 it is obsolete	08/12/2 017
DA P	Delivered at Place of destination (named place of destination)	according to Incoterms® 2010	08/12/2 017
DA T	Delivered at Terminal (named place of destination)	according to Incoterms® 2010	08/12/2 017
DD P	DELIVERED DUTY PAID (named place of destination)		
DD U	DELIVERED DUTY UNPAID (named place of d estination)	according to Incoterms® 2010 it is obsolete, use DAP	08/12/2 017
DE Q	DELIVERED EX-QUAY (named port of destination)	according to Incoterms® 2010 it is obsolete	08/12/2 017
DE S	DELIVERED EX-SHIP (named port of destination)	according to Incoterms® 2010 it is obsolete	08/12/2 017
EX W	EX WORKS (named place)		

FA S	FREE ALONGSIDE SHIP (named port of shipm ent)	
FC A	FREE CARRIER (named place)	
FO B	FREE ON BOARD (named port of shipment)	

T38 - transport conditions

special condition of transport or special service requested to the Forwarder

tabella cod.: T38

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T38.xml

Code	Description	Adoption note	Date of insertion
ACC	arrange customs clearance		
CAL	Carrier loads		
CAU	Carrier unloads		
CMR	CMR carnet		
FFN	freight forwarders national conditions		
FLD	special agreement for full loading		
NCC	do not arrange customs clearance		
PPB	packaging paid by Buyer		
PPS	packaging paid by Supplier		
PRO	proof of delivery		
RFR	return container free		
RPC	return container paid by Customer		
RPS	return container paid by Supplier		
SHL	Shipper loads		
SHU	Consignee unloads		

T40 - type of transport means

means of transport, in general or referred to a specific leg

Agency name: eBIZ

tabella cod.: T40

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T40.xml

Code	Description	Adoption note	Date of insertion
AIR	aircraft		
SHP	ship		
TRU	truck		
VAN	van		

T41 - type of Allowance or Charge

coded specification of an Allowance or Charge (elaborated from UNECE 4465)

Agency name: eBIZ

tabella cod.: T41

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T41.xml

Code	Description	Adoption note	Date of insertion
1	Agreed settlement		19/08/201 8
10	Costs for draft		19/08/201 8
11	Bank charges	DEPRECATED, use C BK	19/08/201 8
12	Agent commission		19/08/201 8
14	Wrong delivery		19/08/201 8
15	Goods returned to agent		19/08/201 8
16	Goods partly returned		19/08/201 8
17	Transport damage		19/08/201 8
19	Trade discount		19/08/201 8
2	Below specification goods		19/08/201 8
20	Deduction for late delivery	DEPRECATED, use C	19/08/201 8
21	Advertising costs		19/08/201 8
22	Customs duties		19/08/201 8

23	Telephone and postal costs	19/0 8	08/201
24	Repair costs	19/0	08/201
25	Attorney fees	19/0 8	08/201
26	Taxes	19/0 8	08/201
3	Damaged goods	19/0 8	08/201
30	Direct payment to seller	19/0 8	08/201
32	Goods not delivered	19/0 8	08/201
33	Late delivery	19/0 8	08/201
35	Goods returned	19/0 8	08/201
36	Invoice not received	19/0 8	08/201
37	Credit note to debtor/not to us	19/0 8	08/201
38	Deducted bonus	19/0 8	08/201
39	Deducted discount	19/0 8	08/201
4	Short delivery	19/0 8	08/201
40	Deducted freight costs	19/0 8	08/201
41	Deduction against other invoices	19/0 8	08/201
42	Credit balance(s)	19/0 8	08/201
45	Debit note to seller	19/0 8	08/201
46	Discount beyond terms	19/0	08/201
48	Allowance/charge error	19/0	08/201
49	Substitute product	19/0	08/201
50	Terms of sale error	19/0 8	08/201

52	Wrong invoice	19/08/201 8
53	Duplicate invoice	19/08/201
54	Weight error	19/08/201
55	Additional charge not authorized	19/08/201
56	Incorrect discount	19/08/201 8
57	Price change	19/08/201 8
58	Variation	19/08/201 8
59	Chargeback	19/08/201 8
65	Settlement to agent	19/08/201 8
66	Cash discount	19/08/201 8
7	Payment on account	19/08/201 8
70	Wrong monetary amount resulting from incorrect free goods quantity	19/08/201 8
72	Temporary special promotion	19/08/201 8
73	Difference in tax rate	19/08/201 8
74	Quantity discount	19/08/201 8
75	Promotion discount	19/08/201 8
76	Cancellation deadline passed	19/08/201 8
77	Pricing discount	19/08/201 8
78	Volume discount	19/08/201 8
79	Sundry discount	19/08/201 8
8	Returnable container charge included	19/08/201 8
9	Invoice error	19/08/201 8

AW A	bonus for works ahead of schedule	
СВК	bank charges	
CCR	servizio di corriere	
CIN	insurance	
CLB	labelling	
СРК	packing	
CSP	special packing	
CW B	penalty for works behind schedule	

T61 - duty or tax or fee type

duty or tax or fee type

Agency name: eBIZ

tabella cod.: T61

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T61.xml

Code	Description	Adoption note	Date of insertion
BOL	stamp duty		01/07/2013
CUD	customs duty		01/07/2013
ENV	environmental tax		01/07/2013
FRE	no tax		01/07/2013
ОТН	other tax charges		01/07/2013
VAT	value added tax		01/07/2013

T62 - duty or tax or fee category

duty or tax or fee category

Agency name: eBIZ

tabella cod.: T62

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T62.xml

Code	Description	Adoption note	Date of insertion
AA	lower than standard rate		01/07/2013
E	tax not applicable		01/07/2013
Н	higher than standard rate		01/07/2013

0	outside scope of tax	01/07/2013
S	standard rate	01/07/2013
Z	zero rate goods	01/07/2013

T8 - Modes of Transport

way of transport, in general or referred to the specified leg

Agency name: eBIZ

tabella cod.: T8

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T8.xml

Code	Description	Adoption note	Date of insertion
1	MARITIME TRANSPORT		
10	Courier		01/07/2013
2	RAIL TRANSPORT		
3	ROAD TRANSPORT		
4	AIR TRANSPORT		
5	MAIL		
6	AIR + SHIP TRANSPORT		
8	INLAND WATER TRANSPORT		
9	MODE UNKNOWN		

T9 - ISO4217 - Currency

currency code

Agency name: ISO

tabella cod.: T9

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T9.xml

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