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DRAFT

IMPLEMENTATION GUIDE
TRANSACTION "FASHION RECEIVING ADVICE"

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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>

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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

The present guide has been issued to assist the companies of the Textile-Clothing sector in the implementation of the standard XML document type "RECEIVING ADVISE", providing all the instruction required for its use in the context of e-commerce in the Textile industry, as shown in the enclosed diagrams.

All the rules required for the construction and validation of the document are embedded into the specific XML-Schema, which is detailed in section "Implementation guide".

1.2 Generalities

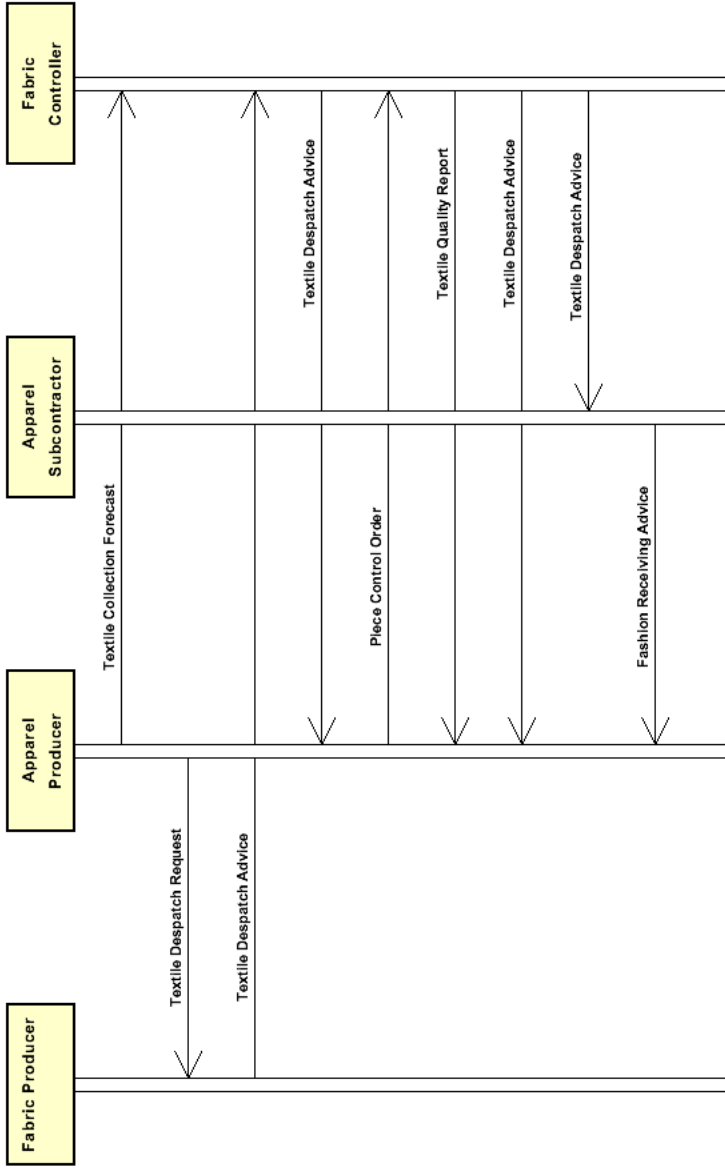
The Receiving Advise can be used by the Receiver of goods (purchased or received for commissioned works) either to confirm the regular receipt of goods or to notify discrepancies between what was declared by the Sender and what was received and accepted.

The present document must always be used in coupling with the Despatch Advise document.

It is recommended to issue one Receiving Advise against one Despatch Advise

1.3. Possible scenario

Fabric delivery with quality reporting by controller



2. IMPLEMENTATION GUIDE

2.1 General structure of XML document

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

In particular:

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

Structure

TEXRecAdvise

@msgfunction [Optional] [Default= OR]

@version [Optional] [Default= draft]

@useProfile [Optional]

| **TRHeader 1-1**

| | msgN 1-1

| - choose -

| | msgID 0-1

| - or -

| | docID 0-1

| | @numberingOrg [Optional]

| - end choose -

| | msgDate 1-1

| | @dateForm [Optional]

| **refDoc 0-9**

| | @docType [Required]

| | docID 1-2

| | | @numberingOrg [Optional]

| | docDate 0-1

| | | @dateForm [Optional]

| | season 0-1

| | | @numberingOrg [Optional]

| | | @codeList [Optional]

| | | @listName [Optional]

| | | @listVersion [Optional]

| | itemID 0-1

| **attachment 0-1**

| | @uid [Optional]

| | | fileName 0-1

| | | | @numberingOrg [Optional]

| | | binaryObject 0-1

| | | | @format [Optional]

| | | | @mime [Optional]

| | | | @encoding [Optional]

| | | | @characterSet [Optional]

| | **externalReference 0-99**

| | | uri 1-1

| | | | @isURL [Optional] [Default= true]

| | | mimeTypeCode 0-1

| | | formatCode 0-1

| | | encodingCode 0-1

| | | characterSetCode 0-1

| | hashFootprint 0-1

| | | @schemeID [Optional]

| | | @hashMethod [Required]

| | **blockChainReference 0-9**

| | | uri 1-1

| | | | @isURL [Optional] [Default= true]

| | | transactionReceipt 1-9

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]
| | @geoRefSystem [Optional]
| | | xGeoCoord 1-1
| | | yGeoCoord 1-1
| | | zGeoCoord 0-1

- choose -

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
| | **geoCoordinates 0-1**
| | @um [Optional] [Default= DEGD]
| | @geoRefSystem [Optional]
| | | xGeoCoord 1-1
| | | yGeoCoord 1-1
| | | zGeoCoord 0-1

- or -

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
| | | geoCoordinates 0-1
| | |   @um [Optional] [Default= DEGD]
| | |   @geoRefSystem [Optional]
| | |     | xGeoCoord 1-1
| | |     | yGeoCoord 1-1
| | |     | zGeoCoord 0-1

```

- end choose -

```

| | | 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]
| | |     |   @geoRefSystem [Optional]
| | |     |     | xGeoCoord 1-1
| | |     |     | yGeoCoord 1-1
| | |     |     | zGeoCoord 0-1
| | | note 0-99
| | |   @numberingOrg [Optional]
| | |   @codeList [Optional]
| | |   @noteLabel [Optional]

```

TRABody 1-1

```

| | | TRAItem 1-unbounded
| | |   lineN 1-1
| | |   @VAT [Optional]
| | |   lineID 0-1
| | |   refDoc 1-9
| | |     @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
				hashFootprint 0-1
				@schemeID [Optional]
				@hashMethod [Required]
				blockChainReference 0-9
				uri 1-1
				@isURL [Optional] [Default= true]
				transactionReceipt 1-9
			qty 1-2	
				@um [Required]
			acceptQty 1-1	
				@um [Required]
			qtyVariance 0-9	
				@um [Optional]
				@varReason [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.

attachment	an attached document. An attachment can refer to an external document or be included with the document being exchanged (XPath TEXRecAdvise/TRABody/TRAItem/refDoc/attachment) 0-1 (XPath TEXRecAdvise/TRAheader/refDoc/attachment) 0-1
blockChainReference	blockchain reference - base type: string, max length: 80, (XPath TEXRecAdvise/TRABody/TRAItem/refDoc/attachment/blockChainReference) 0-9 (XPath TEXRecAdvise/TRAheader/refDoc/attachment/blockChainReference) 0-9
buyer	details of the Buyer (party that buys the good or service that is object of the current collaborative process) - base type: Nad, (XPath TEXRecAdvise/TRAheader/buyer) 1-1
externalReference	details about an external object, such as a document stored at a remote location (XPath TEXRecAdvise/TRABody/TRAItem/refDoc/attachment/externalReference) 0-99 (XPath TEXRecAdvise/TRAheader/refDoc/attachment/externalReference) 0-99
geoCoordinates	geographical coordinates (XPath TEXRecAdvise/TRAheader/subContractor/geoCoordinates) 0-1 (XPath TEXRecAdvise/TRAheader/supplier/geoCoordinates) 0-1 (XPath TEXRecAdvise/TRAheader/buyer/geoCoordinates) 0-1 (XPath TEXRecAdvise/TRAheader/thirdParty/geoCoordinates) 0-1
refDoc	identification of a document and of an item thereof, to which the message makes reference (XPath TEXRecAdvise/TRAheader/refDoc) 0-9 (XPath TEXRecAdvise/TRABody/TRAItem/refDoc) 1-9
subContractor	details of the Sub-contractor - base type: Nad, (XPath TEXRecAdvise/TRAheader/subContractor) 0-1 - note: <i>At least one out of Supplier and Subcontractor must be indicated.</i>
supplier	details of the Supplier (party that supplies the good or service that is object of the current collaborative process) - base type: Nad, (XPath TEXRecAdvise/TRAheader/supplier) 0-1 - note: <i>At least one out of Supplier and Subcontractor must be indicated.</i>
thirdParty	identification and details of the Third Party, different from Sender and Receiver of the document - base type: Nad, (XPath TEXRecAdvise/TRAheader/thirdParty) 0-5
TRABody	body of the document "Receiving Advise" (XPath TEXRecAdvise/TRABody) 1-1
TRAheader	header of the document "Receiving Advise" (XPath TEXRecAdvise/TRAheader) 1-1
TRAItem	line item of the document "Receiving Advise" (XPath TEXRecAdvise/TRABody/TRAItem) 1-unbounded

2.2.2 Simple elements (Basic Business Information Entities)

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

acceptQty	net quantity of a product received and accepted by the Receiving Party - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath TEXRecAdvise/TRABody/TRAItem/acceptQty) 1-1
additionalIdentifier	additional identification code of a Party, for example customs registries or others - base type: string, max length: 15, (XPath TEXRecAdvise/TRAheader/buyer/additionalIdentifier) 0-9 - note: <i>identifiers for example for exports, such as MID (Manufacturer Identification Code), REX (identificatier in Registered Exporter system)</i> (XPath TEXRecAdvise/TRAheader/supplier/additionalIdentifier) 0-9 - note: <i>identifiers for example for exports, such as MID (Manufacturer Identification Code), REX (identifier in EU Registered Exporter system)</i>
binaryObject	a binary large object containing an attached document, Coding 'base64Binary' is recommended. - base type: base64Binary, (XPath TEXRecAdvise/TRABody/TRAItem/refDoc/attachment/binaryObject) 0-1 (XPath TEXRecAdvise/TRAheader/refDoc/attachment/binaryObject) 0-1
@characterSet	the character set of the binary object (examples UTF-8, UTF-16, Windows-1252, ISO-8859-7,..) - base type: normalizedString, (XPath TEXRecAdvise/TRAheader/refDoc/attachment/binaryObject/@characterSet) [Optional] (XPath TEXRecAdvise/TRABody/TRAItem/refDoc/attachment/binaryObject/@characterSet) [Optional]
characterSetCode	the character set of an external document (examples UTF-8, UTF-16, Windows-1252, ISO-8859-7,..) - base type: normalizedString, (XPath TEXRecAdvise/TRABody/TRAItem/refDoc/attachment/externalReference/characterSetCode) 0-1 (XPath TEXRecAdvise/TRAheader/refDoc/attachment/externalReference/characterSetCode) 0-1
city	name of the city (town, village) - base type: string, max length: 40, (XPath TEXRecAdvise/TRAheader/thirdParty/city) 0-1 (XPath TEXRecAdvise/TRAheader/buyer/city) 0-1 (XPath TEXRecAdvise/TRAheader/supplier/city) 0-1 (XPath TEXRecAdvise/TRAheader/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 TEXRecAdvise/TRABody/TRAItem/refDoc/season/@codeList) [Optional] - nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i> (XPath TEXRecAdvise/TRAheader/refDoc/season/@codeList) [Optional] - nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i> (XPath TEXRecAdvise/TRABody/TRAItem/note/@codeList) [Optional] - nota: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i> (XPath TEXRecAdvise/TRAheader/note/@codeList) [Optional] - nota: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i>
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 TEXRecAdvise/TRAheader/subContractor/country) 0-1 (XPath TEXRecAdvise/TRAheader/buyer/country) 0-1 (XPath TEXRecAdvise/TRAheader/thirdParty/country) 0-1 (XPath TEXRecAdvise/TRAheader/supplier/country) 0-1
@dateForm	format used for the date - base type: string, cod. table: NT29 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml (XPath TEXRecAdvise/TRABody/TRAItem/refDoc/docDate/@dateForm) [Optional] (XPath TEXRecAdvise/TRAheader/refDoc/docDate/@dateForm) [Optional]

	(XPath TEXRecAdvise/TRAheader/msgDate/@dateForm) [Optional]
dept	name or code of a department - base type: string, max length: 40, (XPath TEXRecAdvise/TRAheader/thirdParty/dept) 0-1 (XPath TEXRecAdvise/TRAheader/buyer/dept) 0-1 (XPath TEXRecAdvise/TRAheader/subContractor/dept) 0-1 (XPath TEXRecAdvise/TRAheader/supplier/dept) 0-1
docDate	date of issue of the referenced document, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/docDate) 0-1 (XPath TEXRecAdvise/TRAheader/refDoc/docDate) 0-1
docID	identification number of the referenced document - base type: string, max length: 80, (XPath TEXRecAdvise/TRAheader/docID) 0-1 - note: <i>Its use in HEADER elements is discouraged (use msgID)</i> (XPath TEXRecAdvise/TRAheader/refDoc/docID) 1-2 Best Practice (XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/docID) 1-2 Best Practice
@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 TEXRecAdvise/TRAheader/refDoc/@docType) [Required] (XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/@docType) [Required]
@email	electronic mail address of the contact person within a Party - base type: string, max length: 250, (XPath TEXRecAdvise/TRAheader/buyer/person/@email) [Optional] (XPath TEXRecAdvise/TRAheader/supplier/person/@email) [Optional] (XPath TEXRecAdvise/TRAheader/subContractor/person/@email) [Optional] (XPath TEXRecAdvise/TRAheader/thirdParty/person/@email) [Optional]
@encoding	specifies the decoding algorithm of the binary object - base type: normalizedString, (XPath TEXRecAdvise/TRAheader/refDoc/attachment/binaryObject/@encoding) [Optional] (XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/attachment/binaryObject/@encoding) [Optional]
encodingCode	the encoding/decoding algorithm used with the external object (example is 'base64Binary') - base type: normalizedString, (XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/attachment/externalReference/encodingCode) 0-1 (XPath TEXRecAdvise/TRAheader/refDoc/attachment/externalReference/encodingCode) 0-1
@fax	fax number of the contact person within a Party - base type: string, max length: 35, (XPath TEXRecAdvise/TRAheader/supplier/person/@fax) [Optional] (XPath TEXRecAdvise/TRAheader/thirdParty/person/@fax) [Optional] (XPath TEXRecAdvise/TRAheader/subContractor/person/@fax) [Optional] (XPath TEXRecAdvise/TRAheader/buyer/person/@fax) [Optional]
fileName	unique identifier (name) of the file - base type: string, max length: 255, (XPath TEXRecAdvise/TRAheader/refDoc/attachment/fileName) 0-1 (XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/attachment/fileName) 0-1
@format	the format of the binary content (examples xml, pdf, doc,...) - base type: string, (XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/attachment/binaryObject/@format) [Optional] (XPath TEXRecAdvise/TRAheader/refDoc/attachment/binaryObject/@format) [Optional]
formatCode	the format of the external object (examples xml, pdf, doc,...) - base type: normalizedString, (XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/attachment/externalReference/formatCode) 0-1 (XPath TEXRecAdvise/TRAheader/refDoc/attachment/

	externalReference/formatCode) 0-1
@geoRefSystem	georeference system adopted for the coordinate (in example wgs84 with decimal degree o degree with minute and seconds) - base type: string, (XPath TEXRecAdvise/TRAheader/thirdParty/geoCoordinates/@geoRefSystem) [Optional] (XPath TEXRecAdvise/TRAheader/subContractor/geoCoordinates/@geoRefSystem) [Optional] (XPath TEXRecAdvise/TRAheader/buyer/geoCoordinates/@geoRefSystem) [Optional] (XPath TEXRecAdvise/TRAheader/supplier/geoCoordinates/@geoRefSystem) [Optional]
hashFootprint	footprint obtained by applying an hashing algorithm - base type: string, max length: 80, (XPath TEXRecAdvise/TRAbody/TRAIitem/refDoc/attachment/hashFootprint) 0-1 (XPath TEXRecAdvise/TRAheader/refDoc/attachment/hashFootprint) 0-1
@hashMethod	type of used hashing algorithm - base type: string, max length: 80, cod. table: NT333 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT333.xml (XPath TEXRecAdvise/TRAbody/TRAIitem/refDoc/attachment/hashFootprint/@hashMethod) [Required] (XPath TEXRecAdvise/TRAheader/refDoc/attachment/hashFootprint/@hashMethod) [Required]
id	primary identification code of a Party; it is recommended to use an EORI number (with @numberingOrg= "EO") or the format: nation code (ISO 3166) + national tax code (i.e. VAT identification number) with @numberingOrg= "MF" - base type: string, max length: 15, (XPath TEXRecAdvise/TRAheader/thirdParty/id) 1-1 (XPath TEXRecAdvise/TRAheader/buyer/id) 1-1 (XPath TEXRecAdvise/TRAheader/supplier/id) 1-1 (XPath TEXRecAdvise/TRAheader/subContractor/id) 1-1
@idQualifier	Qualification of the identifier. - base type: string, (XPath TEXRecAdvise/TRAheader/buyer/additionalIdentifier/@idQualifier) [Optional] - nota: <i>this attribute should be used when the numberingOrg attribute is not enough to declare the type of identifier</i> (XPath TEXRecAdvise/TRAheader/supplier/additionalIdentifier/@idQualifier) [Optional] - nota: <i>this attribute should be used when the numberingOrg attribute is not enough to declare the type of identifier</i>
@isURL	it indicates if the referred element is an URL (true) or not (false) - base type: boolean, (XPath TEXRecAdvise/TRAheader/refDoc/attachment/externalReference/uri/@isURL) [Optional] [Default= true] - nota: <i>usage of URLs is recommended</i> (XPath TEXRecAdvise/TRAbody/TRAIitem/refDoc/attachment/externalReference/uri/@isURL) [Optional] [Default= true] - nota: <i>usage of URLs is recommended</i> (XPath TEXRecAdvise/TRAheader/refDoc/attachment/blockChainReference/uri/@isURL) [Optional] [Default= true] - nota: <i>usage of URLs is recommended</i> (XPath TEXRecAdvise/TRAbody/TRAIitem/refDoc/attachment/blockChainReference/uri/@isURL) [Optional] [Default= true] - nota: <i>usage of URLs is recommended</i>
itemID	number of the line/item of the referenced document - base type: string, max length: 40, (XPath TEXRecAdvise/TRAbody/TRAIitem/refDoc/itemID) 0-1 (XPath TEXRecAdvise/TRAheader/refDoc/itemID) 0-1
legalName	legal name - base type: string, max length: 250, (XPath TEXRecAdvise/TRAheader/thirdParty/legalName) 0-1 (XPath TEXRecAdvise/TRAheader/subContractor/legalName) 0-1 (XPath TEXRecAdvise/TRAheader/buyer/legalName) 0-1 (XPath TEXRecAdvise/TRAheader/supplier/legalName) 0-1
lineID	unique identifier of the line item of the business document; it is set by the role that prod

	<p>uces the document.</p> <ul style="list-style-type: none"> - base type: string, max length: 30, <p>(XPath TEXRecAdvise/TRAbody/TRAitem/lineID) 0-1</p>
lineN	<p>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.</p> <ul style="list-style-type: none"> - base type: positiveInteger, min inclusive: 1, max inclusive: 9999, <p>(XPath TEXRecAdvise/TRAbody/TRAitem/lineN) 1-1</p>
@listName	<p>the name of the list of codes used to make an instance of the element (it might be thought as descriptive element, i.e. 'fabric printing technologies', or not, i.e. "T264")</p> <ul style="list-style-type: none"> - base type: string, max length: 40, <p>(XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/season/@listName) [Optional]</p> <ul style="list-style-type: none"> - nota: <i>this attribute should always be used coupled with "numberingOrg"</i> <p>(XPath TEXRecAdvise/TRAheader/refDoc/season/@listName) [Optional]</p> <ul style="list-style-type: none"> - nota: <i>this attribute should always be used coupled with "numberingOrg"</i>
@listVersion	<p>it specifies the version of the list of codes used to make an instance of the element</p> <ul style="list-style-type: none"> - base type: string, max length: 6, <p>(XPath TEXRecAdvise/TRAheader/refDoc/season/@listVersion) [Optional]</p> <ul style="list-style-type: none"> - nota: <i>this attribute should always be used coupled with "numberingOrg" and "listName"</i> <p>(XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/season/@listVersion) [Optional]</p> <ul style="list-style-type: none"> - nota: <i>this attribute should always be used coupled with "numberingOrg" and "listName"</i>
@logo	<p>company logo (URL of the image jpeg or gif). It is recommended that the width of the image does not exceed 640 pixel.</p> <ul style="list-style-type: none"> - base type: string, max length: 255, <p>(XPath TEXRecAdvise/TRAheader/buyer/@logo) [Optional]</p> <p>(XPath TEXRecAdvise/TRAheader/supplier/@logo) [Optional]</p>
@mime	<p>the mime type of the binary object</p> <ul style="list-style-type: none"> - base type: normalizedString, <p>(XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/attachment/binaryObject/@mime) [Optional]</p> <p>(XPath TEXRecAdvise/TRAheader/refDoc/attachment/binaryObject/@mime) [Optional]</p>
mimeCode	<p>mime type of the external object</p> <ul style="list-style-type: none"> - base type: normalizedString, <p>(XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/attachment/externalReference/mimeCode) 0-1 Best Practice</p> <p>(XPath TEXRecAdvise/TRAheader/refDoc/attachment/externalReference/mimeCode) 0-1 Best Practice</p>
msgDate	<p>date of issue of the present message (xml document), according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW.</p> <ul style="list-style-type: none"> - base type: string, <p>(XPath TEXRecAdvise/TRAheader/msgDate) 1-1</p>
@msgfunction	<p>function performed by the present message with regards to the transmission</p> <ul style="list-style-type: none"> - base type: string, cod. table: NT18 <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT18.xml</p> <p>(XPath TEXRecAdvise/@msgfunction) [Optional] [Default= OR]</p>
msgID	<p>key identifier of the business document in the information system of the issuing Party. In case of more despatches of the same business document, it is unchanged.</p> <ul style="list-style-type: none"> - base type: string, max length: 35, <p>(XPath TEXRecAdvise/TRAheader/msgID) 0-1</p>
msgN	<p>identification number given to the message (xml document) by its issuer. In case of more despatches of the same business document, it changes.</p> <ul style="list-style-type: none"> - base type: string, max length: 35, <p>(XPath TEXRecAdvise/TRAheader/msgN) 1-1</p>
note	<p>free text or structured (computer processing) note. For note structuring use the attributes "noteLabel" and "codelist"</p> <ul style="list-style-type: none"> - base type: string, max length: 350, <p>(XPath TEXRecAdvise/TRAheader/note) 0-99</p> <p>(XPath TEXRecAdvise/TRAbody/TRAitem/note) 0-99</p>

@noteLabel	<p>subject qualifier of a note</p> <ul style="list-style-type: none"> - base type: string, max length: 35, (XPath TEXRecAdvise/TRAheader/note/@noteLabel) [Optional] - nota: <i>must be used to qualify the subject of the note</i> (XPath TEXRecAdvise/TRAbody/TRAitem/note/@noteLabel) [Optional] - nota: <i>must be used to qualify the subject of the note</i>
@numberingOrg	<p>code specifying the organisation who has created or owns the coding or numbering system</p> <ul style="list-style-type: none"> - base type: string, cod. table: NT6 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml (XPath TEXRecAdvise/TRAheader/thirdParty/id/@numberingOrg) [Optional] (XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/season/@numberingOrg) [Optional] - nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i> (XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/attachment/fileName/@numberingOrg) [Optional] (XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/docID/@numberingOrg) [Optional] - nota: <i>here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)</i> (XPath TEXRecAdvise/TRAheader/note/@numberingOrg) [Optional] - nota: <i>must be used to specify the organization that created the list of codes used in "noteLabel"</i> (XPath TEXRecAdvise/TRAbody/TRAitem/note/@numberingOrg) [Optional] - nota: <i>must be used to specify the organization that created the list of codes used in "noteLabel"</i> (XPath TEXRecAdvise/TRAheader/supplier/additionalIdentifier/@numberingOrg) [Optional] - nota: <i>here the issuer of the identifier must be specified</i> (XPath TEXRecAdvise/TRAheader/refDoc/season/@numberingOrg) [Optional] - nota: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i> (XPath TEXRecAdvise/TRAheader/supplier/id/@numberingOrg) [Optional] (XPath TEXRecAdvise/TRAheader/refDoc/attachment/fileName/@numberingOrg) [Optional] (XPath TEXRecAdvise/TRAheader/subContractor/id/@numberingOrg) [Optional] (XPath TEXRecAdvise/TRAheader/buyer/id/@numberingOrg) [Optional] (XPath TEXRecAdvise/TRAheader/buyer/additionalIdentifier/@numberingOrg) [Optional] - nota: <i>here the issuer of the identifier must be specified</i> (XPath TEXRecAdvise/TRAheader/refDoc/docID/@numberingOrg) [Optional] - nota: <i>here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)</i> (XPath TEXRecAdvise/TRAheader/docID/@numberingOrg) [Optional] - nota: <i>here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)</i>
person	<p>name of a person (e.g. contact person within an organization)</p> <ul style="list-style-type: none"> - base type: string, max length: 40, (XPath TEXRecAdvise/TRAheader/supplier/person) 0-1 (XPath TEXRecAdvise/TRAheader/subContractor/person) 0-1 (XPath TEXRecAdvise/TRAheader/buyer/person) 0-1 (XPath TEXRecAdvise/TRAheader/thirdParty/person) 0-1
@phone	<p>phone number of the contact person within a Party</p> <ul style="list-style-type: none"> - base type: string, max length: 35, (XPath TEXRecAdvise/TRAheader/supplier/person/@phone) [Optional] (XPath TEXRecAdvise/TRAheader/thirdParty/person/@phone) [Optional] (XPath TEXRecAdvise/TRAheader/buyer/person/@phone) [Optional] (XPath TEXRecAdvise/TRAheader/subContractor/person/@phone) [Optional]
postCode	<p>code defining the postal zone</p> <ul style="list-style-type: none"> - base type: string, max length: 10, (XPath TEXRecAdvise/TRAheader/subContractor/postCode) 0-1 (XPath TEXRecAdvise/TRAheader/supplier/postCode) 0-1 (XPath TEXRecAdvise/TRAheader/buyer/postCode) 0-1 (XPath TEXRecAdvise/TRAheader/thirdParty/postCode) 0-1
qty	<p>net quantity of the article or object correlated, qualified by the function of the document (ordering, delivering, ..) and by the context</p> <ul style="list-style-type: none"> - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath TEXRecAdvise/TRAbody/TRAitem/qty) 1-2 Best Practice - note: <i>here is the quantity specified in the above referenced sender's document/line item (refDoc)</i>

qtyVariance	<p>difference between two quantities qualified by the context (e.g.: delivered vs. ordered; received vs. despatched etc..)</p> <p>- base type: decimal, fraction digits: 2, (XPath TEXRecAdvise/TRABody/TRAIitem/qtyVariance) 0-9</p> <p>- note: <i>it also indicates the reasons for the difference between the item quantity declared by the sender Party (Despatch Advise) and that received and accepted by the receiving Party</i></p>
@role	<p>Third Party role qualifier</p> <p>- base type: string, cod. table: NT2 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT2.xml (XPath TEXRecAdvise/TRAheader/thirdParty/@role) [Required]</p>
@schemeID	<p>identifier of an identification scheme</p> <p>- base type: string, (XPath TEXRecAdvise/TRAheader/refDoc/attachment/hashFootprint/@schemeID) [Optional]</p> <p>- nota: <i>specify for which system this hash footprint might be used as identifier (for example HDFS system..)</i> (XPath TEXRecAdvise/TRABody/TRAIitem/refDoc/attachment/hashFootprint/@schemeID) [Optional]</p> <p>- nota: <i>specify for which system this hash footprint might be used as identifier (for example HDFS system..)</i></p>
season	<p>sale season; defined as: season (1 crt) + year (4 crt) - season: S/S=1 AW=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.</p> <p>- base type: string, max length: 15, (XPath TEXRecAdvise/TRABody/TRAIitem/refDoc/season) 0-1</p> <p>- note: <i>here indicates the season to which the referenced document belongs</i> (XPath TEXRecAdvise/TRAheader/refDoc/season) 0-1</p> <p>- note: <i>here indicates the season to which the referenced document belongs</i></p>
@sender	<p>qualifier that specifies the Party issuing of the document</p> <p>- base type: boolean, (XPath TEXRecAdvise/TRAheader/subContractor/@sender) [Optional]</p> <p>- nota: <i>This attribute is mandatory when the STYLESHEET must be used</i> (XPath TEXRecAdvise/TRAheader/supplier/@sender) [Optional]</p> <p>- nota: <i>This attribute is mandatory when the STYLESHEET must be used</i> (XPath TEXRecAdvise/TRAheader/buyer/@sender) [Optional]</p> <p>- nota: <i>This attribute is mandatory when the STYLESHEET must be used</i> (XPath TEXRecAdvise/TRAheader/thirdParty/@sender) [Optional]</p> <p>- nota: <i>This attribute is mandatory when the STYLESHEET must be used</i></p>
street	<p>street and building number identifying a location</p> <p>- base type: string, max length: 80, (XPath TEXRecAdvise/TRAheader/supplier/street) 0-1 (XPath TEXRecAdvise/TRAheader/thirdParty/street) 0-1 (XPath TEXRecAdvise/TRAheader/buyer/street) 0-1 (XPath TEXRecAdvise/TRAheader/subContractor/street) 0-1</p>
subCountry	<p>short name or code of the sub-country entity</p> <p>- base type: string, max length: 9, (XPath TEXRecAdvise/TRAheader/thirdParty/subCountry) 0-1 (XPath TEXRecAdvise/TRAheader/buyer/subCountry) 0-1 (XPath TEXRecAdvise/TRAheader/subContractor/subCountry) 0-1 (XPath TEXRecAdvise/TRAheader/supplier/subCountry) 0-1</p>
subDept	<p>name or code of a department</p> <p>- base type: string, max length: 40, (XPath TEXRecAdvise/TRAheader/buyer/subDept) 0-1 (XPath TEXRecAdvise/TRAheader/subContractor/subDept) 0-1 (XPath TEXRecAdvise/TRAheader/supplier/subDept) 0-1 (XPath TEXRecAdvise/TRAheader/thirdParty/subDept) 0-1</p>
transactionReceipt	<p>transaction receipt on blockchain</p> <p>- base type: string, max length: 80, (XPath TEXRecAdvise/TRAheader/refDoc/attachment/blockChainReference/transactionReceipt) 1-9 (XPath TEXRecAdvise/TRABody/TRAIitem/refDoc/attachment/blockChainReference/transactionReceipt) 1-9</p>

@uid	unique element identifier within the xml document - base type: string, (XPath TEXRecAdvise/TRAheader/refDoc/attachment/@uid) [Optional] (XPath TEXRecAdvise/TRAbody/TRAitem/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 TEXRecAdvise/TRAbody/TRAitem/qtyVariance/@um) [Optional] (XPath TEXRecAdvise/TRAheader/thirdParty/geoCoordinates/@um) [Optional] [Default= DEGD] - nota: <i>when not specified assume decimal DEGREES</i> (XPath TEXRecAdvise/TRAbody/TRAitem/acceptQty/@um) [Required] (XPath TEXRecAdvise/TRAheader/subContractor/geoCoordinates/@um) [Optional] [Default= DEGD] - nota: <i>when not specified assume decimal DEGREES</i> (XPath TEXRecAdvise/TRAheader/buyer/geoCoordinates/@um) [Optional] [Default= DEGD] - nota: <i>when not specified assume decimal DEGREES</i> (XPath TEXRecAdvise/TRAheader/supplier/geoCoordinates/@um) [Optional] [Default= DEGD] - nota: <i>when not specified assume decimal DEGREES</i> (XPath TEXRecAdvise/TRAbody/TRAitem/qty/@um) [Required]
uri	Uniform Resource Identifier (URI) that identifies the external object as an Internet resource - base type: normalizedString, (XPath TEXRecAdvise/TRAheader/refDoc/attachment/externalReference/uri) 1-1 (XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/attachment/blockChainReference/uri) 1-1 - note: <i>reference to the used blockchain (example: url https://etherscan.io/ of ethereum)</i> (XPath TEXRecAdvise/TRAbody/TRAitem/refDoc/attachment/externalReference/uri) 1-1 (XPath TEXRecAdvise/TRAheader/refDoc/attachment/blockChainReference/uri) 1-1 - note: <i>reference to the used blockchain (example: url https://etherscan.io/ of ethereum)</i>
@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, (XPath TEXRecAdvise/@useProfile) [Optional]
@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 (XPath TEXRecAdvise/TRAbody/TRAitem/qtyVariance/@varReason) [Optional]
@VAT	VAT rate or code (DEPRECATED, use dtScheme element) - base type: string, cod. table: NT16 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT16.xml (XPath TEXRecAdvise/TRAbody/TRAitem/lineN/@VAT) [Optional] - nota: <i>Deprecated, prefer dtScheme when available.</i> (XPath TEXRecAdvise/TRAheader/thirdParty/@VAT) [Optional]
@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 TEXRecAdvise/@version) [Optional] [Default= draft]
xGeoCoord	geographical coordinate x , corresponding to latitude - base type: decimal, (XPath TEXRecAdvise/TRAheader/subContractor/geoCoordinates/xGeoCoord) 1-1 (XPath TEXRecAdvise/TRAheader/buyer/geoCoordinates/xGeoCoord) 1-1 (XPath TEXRecAdvise/TRAheader/thirdParty/geoCoordinates/xGeoCoord) 1-1 (XPath TEXRecAdvise/TRAheader/supplier/geoCoordinates/xGeoCoord) 1-1
yGeoCoord	geographical coordinate y , corresponding to longitude - base type: decimal, (XPath TEXRecAdvise/TRAheader/buyer/geoCoordinates/yGeoCoord) 1-1 (XPath TEXRecAdvise/TRAheader/supplier/geoCoordinates/yGeoCoord) 1-1 (XPath TEXRecAdvise/TRAheader/thirdParty/geoCoordinates/yGeoCoord) 1-1

	(XPath TEXRecAdvise/TRAheader/subContractor/geoCoordinates/yGeoCoord) 1-1
zGeoCoord	geographical coordinate z , corresponding to altitude - base type: decimal, (XPath TEXRecAdvise/TRAheader/thirdParty/geoCoordinates/zGeoCoord) 0-1 - note: <i>altitude might be omitted</i> (XPath TEXRecAdvise/TRAheader/buyer/geoCoordinates/zGeoCoord) 0-1 - note: <i>altitude might be omitted</i> (XPath TEXRecAdvise/TRAheader/subContractor/geoCoordinates/zGeoCoord) 0-1 - note: <i>altitude might be omitted</i> (XPath TEXRecAdvise/TRAheader/supplier/geoCoordinates/zGeoCoord) 0-1 - note: <i>altitude might be omitted</i>

2.3 Suggested best practices

TEXRecAdvise/TRAheader/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

TEXRecAdvise/TRAbody/TRAitem/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

**TEXRecAdvise/TRAbody/TRAitem/refDoc/attachment/
externalReference/mimeCode (mime type of the external object)**

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

**TEXRecAdvise/TRAheader/refDoc/attachment/
externalReference/mimeCode (mime type of the external object)**

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

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

NT100 - eBIZ TCFUpstream version
NT16 - VAT rate or code
NT18 - message function
NT2 - third party qualifier
NT29 - format of a date
NT333 - type of hashing algorithm
NT6 - coding system owner/issuer
NT7 - unit of measure
T10 - ISO3166 - Country
T21 - type of document
T46 - quantity variance reason

(the most relevant tables are detailed in the following Annexes too)

ACKNOWLEDGEMENT



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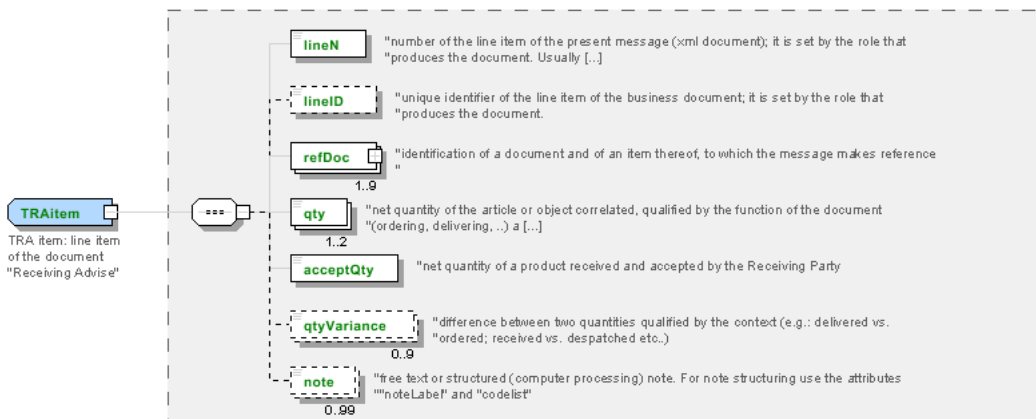
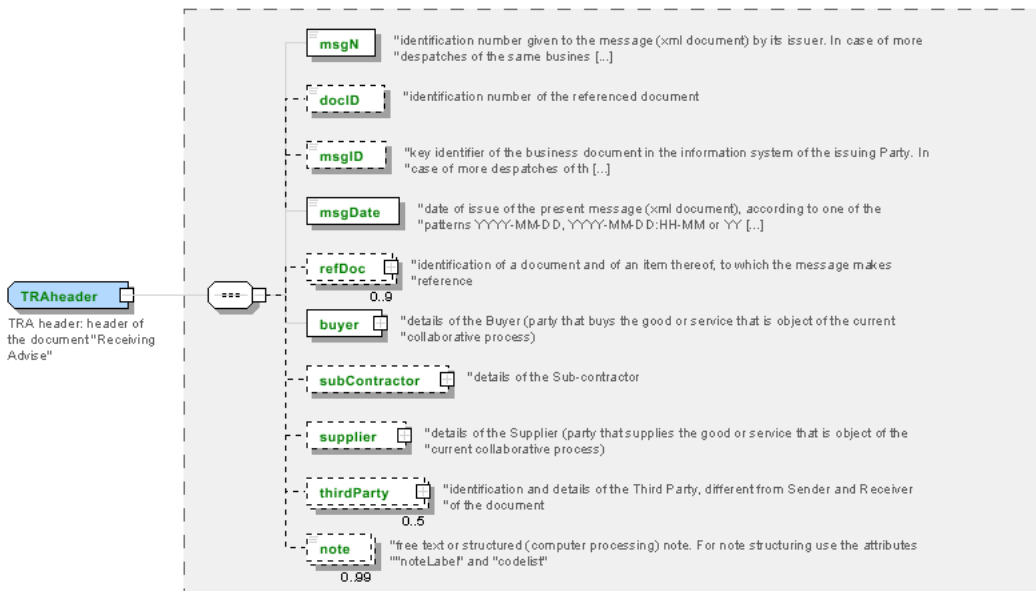
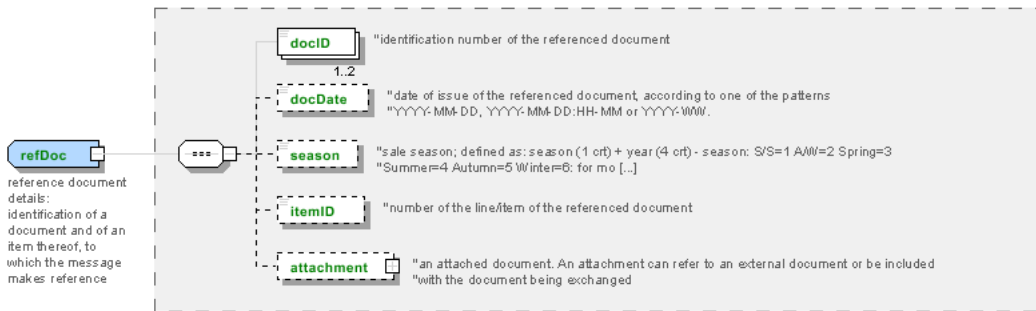
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Annex A

Representative images of the principal complex elements' structure.



Annex B

NT100 - eBIZ TCFUpstream version

dictionary version

Agency name: eBIZ

Decoding table: NT100

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

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

NT16 - VAT rate or code

VAT rate or code (DEPRECATED, use dtScheme element)

Decoding table: 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

Decoding table: NT18

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

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

NT2 - third party qualifier

Third Party role qualifier

Agency name: eBIZ

Decoding table: 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		
AU	Auditor		08/04/2019
BU	Buyer		13/06/2022
CE	Certification authority		08/04/2019
CM	Commissioner		13/06/2022
CO	Quality Controller		
CU	Customs authority		13/06/2022
DC	Response to		
DF	Invoicee		
DI	Copy to (CC)		28/10/2014
DM	Consignee		
DP	Consignment address (Delivery Party)		
EX	Expert		13/06/2022
IM	Importer		
OR	Originator		10/09/2014
SC	Sub contractor		10/04/2019
SM	Service/ePlatform manager		08/04/2019
SP	Forwarder		
SU	Supplier		13/06/2022
TL	Test or analysis laboratory		13/06/2022
TX	Tax Representative		

NT29 - format of a date

format used for the date

Agency name: eBIZ

Decoding table: NT29

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

Code	Description	Adoption note	Date of insertion
D	YYYY-MM-DD		
M	YYYY-MM-DD:HH-MM (date and time)		
S	AAAA-MM-GG:HH-MM-SS (date and time with seconds)		13/06/2022
W	YYYY-WW		

NT333 - type of hashing algorithm

type of hashing algorithm

Decoding table: NT333

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT333.xml

Code	Description	Adoption note	Date of insertion
ADLER32	ADLER32		26/05/2023
HMAC	HMAC		26/05/2023
MD2	MD2		26/05/2023
MD4	MD4		26/05/2023
MD5	MD5		26/05/2023
MDC-2	MDC-2		26/05/2023
PANAMA	PANAMA		26/05/2023
RIPEMD-160	RIPEMD-160		26/05/2023
SHA-1	SHA-1		26/05/2023
SHA-2 256	SHA-2 256		26/05/2023
SHA-2 384	SHA-2 384		26/05/2023
SHA-2 512	SHA-2 512		26/05/2023
TIGER	TIGER		26/05/2023

NT6 - coding system owner/issuer

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

Agency name: eBIZ

Decoding table: 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
CBR	National customs brokers registry		12/06/2023
CL	Customer/buyer		
CO	Quality Controller		
DU	D-U-N-S registry (Data Universal Numbering System)		04/05/2023
EB	eBIZ	replaces 'ML'	18/03/2019
EN	GS1 (ex-EAN International)		
EO	Registro EORI (Economic Operators Registration and Identification number)		04/03/2023
ES	e-Stockflow	DEPRECATED	
FO	Supplier		

GS	GS1		01/07/2013
MF	national taxation authority (i.e. VAT codes registry)		
ML	Moda-ML	DEPRECATED	
PL	Application Platform		13/06/2022
REX	Registered Exporter system (REX)		19/05/2023
SP	Service Provider		
SU	Enterprise Identification Number UID	Only switzerland	04/03/2023

NT7 - unit of measure

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

Agency name: eBIZ / UN/ECE

Decoding table: 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		
DAY	day		22/08/2022
DEGD	decimal degrees		04/07/2022
DEGMS	degrees with minutes and seconds		01/07/2022
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		
MCG	microgram		23/08/2022
MG	milligram		23/08/2022
MIN	minute		

MMK	square millimetre		20/12/2017
MONTH	month		22/08/2022
MSEC	millisecond (time)		22/08/2022
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		
SEC	second (time)		22/08/2022
YEAR	year		22/08/2022
YRD	yard		

T10 - ISO3166 - Country

code of the nation

Agency name: ISO

Decoding table: T10

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

Table not printed: there are 240 elements, more than the maximum specified for printing: 99.

T21 - type of document

type or class to which the referenced document belongs

Agency name: eBIZ

Decoding table: 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
BIL	Bill of lading		07/03/2023
BOR	Blanket order		01/02/2018
CAT	Price catalogue - tech sheet		
CEO	Certificate of origin		13/04/2018
CER	Certificate		13/04/2018
CMR	CMR consignment note		07/03/2023

COC	Colour card		
CRN	Credit note		08/09/2017
CTO	Checking order		01/07/2013
CTR	Contract		
CXF	CxF3 file		01/07/2013
DAD	Darn order		
DDT	Delivery note (transport document)		
DEA	Despatch advise		
DER	Despatch request		
DR	Document Request		02/12/2014
EAD	Export Accompanying Document	adopted by European customs	12/05/2023
ECMR	electronic CMR consignment note		07/03/2023
ECUS	EXPORT Custom Declaration		07/03/2023
FOR	Forecast		02/12/2014
GSO	Garment stock offer		
GSX	Garment stock offer change		
ICUS	IMPORT Custom Declaration		07/03/2023
INV	Invoice		
KCC	Knitting-Clothing Commission Order		02/12/2014
KCI	Garment in Work Inventory Report		02/12/2014
LCA	LCA study		28/08/2022
LCAD	LCA study dataset		28/08/2022
M2M	Made to Measure Production Order		02/12/2014
MAS	Master marker		
MCI	Visual merchandising instruction		13/04/2018
OCH	Order change		
OFF	Offer		
ORD	Purchase order		
ORP	Order response		
OSR	order status request		
OSS	Offer status		02/12/2014
OST	Order status		
OUR	our reference		
PCO	Preferential certificate of origin		07/03/2023
PEF	PEF study		28/08/2022
PEFD	PEF study dataset		28/08/2022
PEFP	PEF environmental profile		07/03/2023
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		
SAD	Single Administrative Document	adopted by European customs	12/05/2023
SCL	Process sheet		
SDE	Self-declaration		07/03/2023
SDS	SDS - Safety data sheet		07/03/2023
SLCA	S-LCA Study		07/03/2023
SLCAD	S-LCA Study documentation		07/03/2023
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		
WAYB	Waybill		07/03/2023
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		

T46 - quantity variance reason

reason for the difference between the two quantities specified by the context

Agency name: eBIZ

Decoding table: T46

File codes list (Generic code): http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T46.xml

Code	Description	Adoption note	Date of insertion
DAM	damaged on receipt		
DIF	different article		
NAC	not acceptable for quality or conformance		
NRC	not received		