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DRAFT

IMPLEMENTATION GUIDE

TRANSACTION "PARTY INFORMATION"

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

This guide is intended to illustrate to FASHION companies the standard XML form of the document type "Party Information", providing instructions for its use in any context of electronic commerce between different subjects of the production and sales chain.
All the rules necessary for the construction and validation of the document are expressed through a specific XML schema, which is presented in detail in the paragraph "Implementation Guide".

1.2 Generalities

The message is issued to communicate information about people or organisations (for example, lists of customers enabled to operate on an eCommerce site).

The sender forwards this document when he has to feed a registry of persons or organizations.

Main function of the message is transferring information about people or companies: personal or business data (name, address, contacts, billing information, categories of belonging to subjects useful for commercial purposes).

1.3. Possible scenario

Initial transmission of information to eService
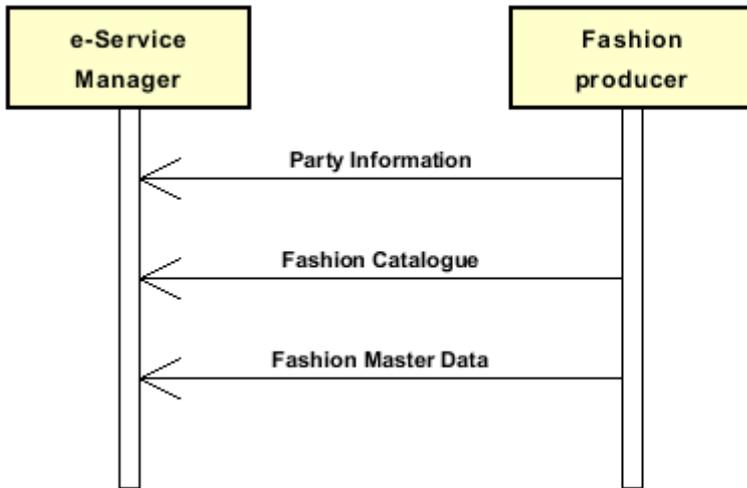
2. IMPLEMENTATION GUIDE

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

PARTIn
@msgfunction [Optional] [Default= OR]
@version [Optional] [Default= draft]
@useProfile [Optional]
  | PIheader 1-1
  | | msgN 1-1
  | | msgID 0-1
  | | msgDate 1-1
  | | *@dateForm [Optional]*
  | | validityEnd 0-1
  | | *@dateForm [Optional]*
  | | refDoc 0-9
  | | *@docType [Required]*
  | | | docID 1-2
  | | | *@numberingOrg [Optional]*
  | | | docDate 0-1
  | | | *@dateForm [Optional]*
  | | | season 0-1
  | | | *@numberingOrg [Optional]*
  | | | *@codeList [Optional]*
  | | | *@listName [Optional]*
  | | | *@listVersion [Optional]*
  | | | itemID 0-1
  | | | attachment 0-1
  | | | *@uid [Optional]*
  | | | | fileName 0-1
  | | | | *@numberingOrg [Optional]*
  | | | | binaryObject 0-1
  | | | | *@format [Optional]*
  | | | | *@mime [Optional]*
  | | | | *@encoding [Optional]*
  | | | | *@characterSet [Optional]*
  | | | | externalReference 0-99
  | | | | | uri 1-1
  | | | | | *@isURL [Optional] [Default= true]*
  | | | | | mimeCode 0-1
  | | | | | formatCode 0-1
  | | | | | encodingCode 0-1
  | | | | | characterSetCode 0-1
  | | senderParty 1-1
  | | *@sender [Optional]*

```
|   |   | id 1-1
|   |   | @numberingOrg [Optional]
|   |   | legalName 0-1
|   |   | dept 0-1
|   |   | subDept 0-1
|   |   | person 0-1
|   |   | @email [Optional]
|   |   | @phone [Optional]
|   |   | @fax [Optional]
|   |   | street 0-1
|   |   | city 0-1
|   |   | subCountry 0-1
|   |   | country 0-1
|   |   | postCode 0-1
|   | receiverParty 1-1
|   | @sender [Optional]
|   |   | id 1-1
|   |   | @numberingOrg [Optional]
|   |   | legalName 0-1
|   |   | dept 0-1
|   |   | subDept 0-1
|   |   | person 0-1
|   |   | @email [Optional]
|   |   | @phone [Optional]
|   |   | @fax [Optional]
|   |   | street 0-1
|   |   | city 0-1
|   |   | subCountry 0-1
|   |   | country 0-1
|   |   | postCode 0-1
|   | note 0-99
|   | @numberingOrg [Optional]
|   | @codeList [Optional]
|   | @noteLabel [Optional]

| PIbody 1-1
|   | PIitem 1-unbounded
|   | @logo [Optional]
|   | @legalEntity [Required]
|   |   | partyQualifiedID 0-unbounded
|   |   | @numberingOrg [Optional]
|   |   | @idQualifier [Optional]
      - choose -
|   |   | individual 1-1
|   |   |   | firstName 0-1
|   |   |   | lastName 1-1
|   |   |   | birthDate 0-1
|   |   |   | @dateForm [Optional]
|   |   |   | gender 0-1
      - or -
|   |   | legalName 1-1
      - end choose -
|   |   | partyCategory 0-unbounded
|   |   | @partyCategoryType [Required]
|   |   | brand 0-unbounded
|   |   | @numberingOrg [Optional]
|   |   | @codeList [Optional]
|   |   | @listName [Optional]
|   |   | @listVersion [Optional]
|   |   | partyDescription 0-unbounded
|   |   | @ln [Optional]
```

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```
|   |   |   language 0-unbounded
|   |   |   partyReference 0-unbounded
|   |   |   @refQualifier [Optional]
|   |   |   |   brand 0-unbounded
|   |   |   |   @numberingOrg [Optional]
|   |   |   |   @codeList [Optional]
|   |   |   |   @listName [Optional]
|   |   |   |   @listVersion [Optional]
|   |   |   |   legalName 0-1
|   |   |   |   person 0-1
|   |   |   |   @email [Optional]
|   |   |   |   @phone [Optional]
|   |   |   |   @fax [Optional]
|   |   |   |   dept 0-1
|   |   |   |   street 0-1
|   |   |   |   city 0-1
|   |   |   |   subCountry 0-1
|   |   |   |   country 0-1
|   |   |   |   postCode 0-1
|   |   |   |   note 0-unbounded
|   |   |   |   @numberingOrg [Optional]
|   |   |   |   @codeList [Optional]
|   |   |   |   @noteLabel [Optional]
|   |   |   invoicee 0-1
|   |   |   |   partyQualifiedID 0-1
|   |   |   |   @numberingOrg [Optional]
|   |   |   |   @idQualifier [Optional]
|   |   |   |   additionalIdentifier 0-9
|   |   |   |   @numberingOrg [Optional]
|   |   |   |   @idQualifier [Optional]
|   |   |   - choose -
|   |   |   |   legalName 1-1
|   |   |   - or -
|   |   |   |   firstName 1-1
|   |   |   |   lastName 1-1
|   |   |   - end choose -
|   |   |   |   street 0-1
|   |   |   |   city 0-1
|   |   |   |   subCountry 0-1
|   |   |   |   country 0-1
|   |   |   |   postCode 0-1
|   |   |   |   note 0-unbounded
|   |   |   |   @numberingOrg [Optional]
|   |   |   |   @codeList [Optional]
|   |   |   |   @noteLabel [Optional]
|   |   |   payTermText 0-unbounded
|   |   |   finInfo 0-9
|   |   |   |   accountName 0-1
|   |   |   |   bank 0-1
|   |   |   |   |   legalName 0-1
|   |   |   |   |   dept 0-1
|   |   |   |   |   subDept 0-1
|   |   |   |   |   person 0-1
|   |   |   |   |   @email [Optional]
|   |   |   |   |   @phone [Optional]
|   |   |   |   |   @fax [Optional]
|   |   |   |   |   street 0-1
|   |   |   |   |   city 0-1
|   |   |   |   |   subCountry 0-1
|   |   |   |   |   country 0-1
|   |   |   |   |   postCode 0-1
```

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              - choose -
|    |    |    |  iban 1-1
              - or -
|    |    |    |  bankIT 1-1
|    |    |    |    |  legalName 0-1
|    |    |    |    |  cin 0-1
|    |    |    |    |  abi 1-1
|    |    |    |    |  cab 1-1
|    |    |    |    |  accountN 1-1
              - end choose -
|    |    |    |  swift 0-1
|    |    |    |  note 0-99
|    |    |    |  @numberingOrg [Optional]
|    |    |    |  @codeList [Optional]
|    |    |    |  @noteLabel [Optional]
|    |    |  note 0-99
|    |    |  @numberingOrg [Optional]
|    |    |  @codeList [Optional]
|    |    |  @noteLabel [Optional]
```

2.2 Detailed description of document elements

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

2.2.1 Complex elements (Aggregate Business Information Entities)

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

attachment	an attached document. An attachment can refer to an external document or be included with the document being exchanged (XPath PARTIn/PIheader/refDoc/attachment) 0-1
bank	details of the financial institution - base type: Nad, (XPath PARTIn/PIbody/PIitem/finInfo/bank) 0-1
bankIT	Italian bank operations code (DEPRECATED, use IBAN) (XPath PARTIn/PIbody/PIitem/finInfo/bankIT) 1-1
externalReference	details about an external object, such as a document stored at a remote location (XPath PARTIn/PIheader/refDoc/attachment/externalReference) 0-99
finInfo	bank details relevant for the payment: bank coordinates, SWIFT code, account (XPath PARTIn/PIbody/PIitem/finInfo) 0-9
individual	Data of an individual. (XPath PARTIn/PIbody/PIitem/individual) 1-1
invoicee	Whole data of the invoicee. (XPath PARTIn/PIbody/PIitem/invoicee) 0-1
partyReference	Reference. (XPath PARTIn/PIbody/PIitem/partyReference) 0-unbounded
PIbody	Body of the "Party Information" document. (XPath PARTIn/PIbody) 1-1
PIheader	Header of the "Party Information" document. (XPath PARTIn/PIheader) 1-1
PIitem	Party details. (XPath PARTIn/PIbody/PIitem) 1-unbounded
receiverParty	Details of the party receiving the document. - base type: Nad, (XPath PARTIn/PIheader/receiverParty) 1-1
refDoc	identification of a document and of an item thereof, to which the message makes reference (XPath PARTIn/PIheader/refDoc) 0-9
senderParty	Details of the party sending the document. - base type: Nad, (XPath PARTIn/PIheader/senderParty) 1-1

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.

abi	ABI code - base type: string, length: 5, (XPath PARTIn/PIbody/PIitem/finInfo/bankIT/abi) 1-1
accountN	account number - base type: string, max length: 15, (XPath PARTIn/PIbody/PIitem/finInfo/bankIT/accountN) 1-1
accountName	account name - base type: string, max length: 250, (XPath PARTIn/PIbody/PIitem/finInfo/accountName) 0-1
additionalIdentifier	additional identification code of a Party, for example customs registries or others - base type: string, max length: 15, (XPath PARTIn/PIbody/PIitem/invoicee/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)*
binaryObject	a binary large object containing an attached document - base type: base64Binary, (XPath PARTIn/PIheader/refDoc/attachment/binaryObject) 0-1
birthDate	Birth date (in case of individuals). - base type: string, (XPath PARTIn/PIbody/PIitem/individual/birthDate) 0-1
brand	A brand name. - base type: string, (XPath PARTIn/PIbody/PIitem/brand) 0-unbounded (XPath PARTIn/PIbody/PIitem/partyReference/brand) 0-unbounded
cab	CAB code - base type: string, length: 5, (XPath PARTIn/PIbody/PIitem/finInfo/bankIT/cab) 1-1
@*characterSet*	the character set of the binary object if the mime type is text - base type: normalizedString, (XPath PARTIn/PIheader/refDoc/attachment/binaryObject/@characterSet) [Optional]
characterSetCode	the character set of an external document - base type: normalizedString, (XPath PARTIn/PIheader/refDoc/attachment/externalReference/characterSetCode) 0-1
cin	CIN code - base type: string, length: 5, (XPath PARTIn/PIbody/PIitem/finInfo/bankIT/cin) 0-1
city	name of the city (town, village) - base type: string, max length: 40, (XPath PARTIn/PIheader/senderParty/city) 0-1 (XPath PARTIn/PIheader/receiverParty/city) 0-1 (XPath PARTIn/PIbody/PIitem/invoicee/city) 0-1 (XPath PARTIn/PIbody/PIitem/finInfo/bank/city) 0-1 (XPath PARTIn/PIbody/PIitem/partyReference/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 PARTIn/PIbody/PIitem/invoicee/note/@codeList) [Optional]

	- nota: *must be used to provide (URL) the list of codes used in "noteLabel"* (XPath PARTIn/PIbody/PIitem/partyReference/brand/@codeList) [Optional] (XPath PARTIn/PIbody/PIitem/brand/@codeList) [Optional] (XPath PARTIn/PIheader/note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"* (XPath PARTIn/PIheader/refDoc/season/@codeList) [Optional] (XPath PARTIn/PIbody/PIitem/finInfo/note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"* (XPath PARTIn/PIbody/PIitem/note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"* (XPath PARTIn/PIbody/PIitem/partyReference/note/@codeList) [Optional] - nota: *must be used to provide (URL) the list of codes used in "noteLabel"*
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 PARTIn/PIbody/PIitem/finInfo/bank/country) 0-1 (XPath PARTIn/PIheader/senderParty/country) 0-1 (XPath PARTIn/PIbody/PIitem/partyReference/country) 0-1 (XPath PARTIn/PIbody/PIitem/invoicee/country) 0-1 (XPath PARTIn/PIheader/receiverParty/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 PARTIn/PIbody/PIitem/individual/birthDate/@dateForm) [Optional] (XPath PARTIn/PIheader/refDoc/docDate/@dateForm) [Optional] (XPath PARTIn/PIheader/validityEnd/@dateForm) [Optional] (XPath PARTIn/PIheader/msgDate/@dateForm) [Optional]
dept	name or code of a contact department within a Party - base type: string, max length: 40, (XPath PARTIn/PIheader/senderParty/dept) 0-1 (XPath PARTIn/PIbody/PIitem/partyReference/dept) 0-1 (XPath PARTIn/PIheader/receiverParty/dept) 0-1 (XPath PARTIn/PIbody/PIitem/finInfo/bank/dept) 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 PARTIn/PIheader/refDoc/docDate) 0-1
docID	identification number of the referenced document SINCE 2008-1 ITS USE I N THE HEADER IS DISCOURAGED (REPLACED BY msgID) - base type: string, max length: 80, (XPath PARTIn/PIheader/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 PARTIn/PIheader/refDoc/@docType) [Required]
@email	electronic mail address of the contact person within a Party - base type: string, max length: 250, (XPath PARTIn/PIbody/PIitem/finInfo/bank/person/@email) [Optional] (XPath PARTIn/PIheader/receiverParty/person/@email) [Optional] (XPath PARTIn/PIbody/PIitem/partyReference/person/@email) [Optional] (XPath PARTIn/PIheader/senderParty/person/@email) [Optional]
@encoding	specifies the decoding algorithm of the binary object - base type: normalizedString, (XPath PARTIn/PIheader/refDoc/attachment/binaryObject/@encoding) [Optional]
encodingCode	the encoding/decoding algorithm used with the external object - base type: normalizedString, (XPath PARTIn/PIheader/refDoc/attachment/externalReference/encodingCode) 0-1

@*fax*	fax number of the contact person within a Party - base type: string, max length: 35, (XPath PARTIn/PIheader/receiverParty/person/@fax) [Optional] (XPath PARTIn/PIbody/PIitem/partyReference/person/@fax) [Optional] (XPath PARTIn/PIbody/PIitem/finInfo/bank/person/@fax) [Optional] (XPath PARTIn/PIheader/senderParty/person/@fax) [Optional]
fileName	unique identifier (name) of the file - base type: string, max length: 255, (XPath PARTIn/PIheader/refDoc/attachment/fileName) 0-1
firstName	Person first name. - base type: string, (XPath PARTIn/PIbody/PIitem/individual/firstName) 0-1 (XPath PARTIn/PIbody/PIitem/invoicee/firstName) 1-1
@*format*	the format of the binary content - base type: string, (XPath PARTIn/PIheader/refDoc/attachment/binaryObject/@format) [Optional]
formatCode	the format of the external object - base type: normalizedString, (XPath PARTIn/PIheader/refDoc/attachment/externalReference/formatCode) 0-1
gender	The state of being male or female (in case of individual). - base type: string, length: 1, (XPath PARTIn/PIbody/PIitem/individual/gender) 0-1
iban	international bank and account identifier, used for fund transfer - base type: string, max length: 35, (XPath PARTIn/PIbody/PIitem/finInfo/iban) 1-1
id	primary identification code of a Party; it is recommended the format: nation code (ISO 3166) + VAT identification number (11 crt), with the qualifier "numberingOrg"= MF - base type: string, max length: 15, (XPath PARTIn/PIheader/receiverParty/id) 1-1 (XPath PARTIn/PIheader/senderParty/id) 1-1
@*idQualifier*	Qualification of the identifier. - base type: string, (XPath PARTIn/PIbody/PIitem/partyQualifiedID/@idQualifier) [Optional] (XPath PARTIn/PIbody/PIitem/invoicee/additionalIdentifier/@idQualifier) [Optional] - nota: *this attribute should be used when the numberingOrg attribute is not enough to declare the type of identifier* (XPath PARTIn/PIbody/PIitem/invoicee/partyQualifiedID/@idQualifier) [Optional]
@*isURL*	it indicates if the referred element is an URL (true) or not (false) - base type: boolean, (XPath PARTIn/PIheader/refDoc/attachment/externalReference/uri/@isURL) [Optional] [Default= true] - nota: *usage of URLs is recommended*
itemID	number of the line/item of the referenced document - base type: string, max length: 6, (XPath PARTIn/PIheader/refDoc/itemID) 0-1
language	Language. - base type: string, (XPath PARTIn/PIbody/PIitem/language) 0-unbounded
lastName	Person last name. - base type: string, (XPath PARTIn/PIbody/PIitem/individual/lastName) 1-1 (XPath PARTIn/PIbody/PIitem/invoicee/lastName) 1-1

@legalEntity	It indicates whether the party is a legal entity or individual ("True" = legal entity, "False" = individual). - base type: boolean, (XPath PARTIn/PIbody/PIitem/@legalEntity) [Required]
legalName	legal name of a Party - base type: string, max length: 250, (XPath PARTIn/PIheader/receiverParty/legalName) 0-1 (XPath PARTIn/PIbody/PIitem/finInfo/bankIT/legalName) 0-1 (XPath PARTIn/PIbody/PIitem/invoicee/legalName) 1-1 (XPath PARTIn/PIheader/senderParty/legalName) 0-1 (XPath PARTIn/PIbody/PIitem/finInfo/bank/legalName) 0-1 (XPath PARTIn/PIbody/PIitem/partyReference/legalName) 0-1 (XPath PARTIn/PIbody/PIitem/legalName) 1-1
@listName	the name of the list of codes used to make an instance of the element (it migth be thought as descriptive element, i.e. 'fabric printing technologies', or not, i.e. ''T264'') - base type: string, max length: 40, (XPath PARTIn/PIbody/PIitem/brand/@listName) [Optional] (XPath PARTIn/PIbody/PIitem/partyReference/brand/@listName) [Optional] (XPath PARTIn/PIheader/refDoc/season/@listName) [Optional]
@listVersion	it specifie the version of the list of codes used to make an instance of the element - base type: string, max length: 6, (XPath PARTIn/PIheader/refDoc/season/@listVersion) [Optional] (XPath PARTIn/PIbody/PIitem/brand/@listVersion) [Optional] (XPath PARTIn/PIbody/PIitem/partyReference/brand/@listVersion) [Optional]
@ln	Language code. - base type: string, (XPath PARTIn/PIbody/PIitem/partyDescription/@ln) [Optional]
@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 PARTIn/PIbody/PIitem/@logo) [Optional]
@mime	the mime type of the binary object - base type: normalizedString, (XPath PARTIn/PIheader/refDoc/attachment/binaryObject/@mime) [Optional]
mimeCode	mime type of the external object - base type: normalizedString, (XPath PARTIn/PIheader/refDoc/attachment/externalReference/mimeCode) 0-1
msgDate	date of issue of the present message (xml document), according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string, (XPath PARTIn/PIheader/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 PARTIn/@msgfunction) [Optional] [Default= OR]
msgID	key identifier of the business document in the information system of the issuing Party. In case of more despatches of the same business document, it is unchanged. - base type: string, max length: 35, (XPath PARTIn/PIheader/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 PARTIn/PIheader/msgN) 1-1
note	free text or structured (computer processing) note. For note structuring use the attributes "noteLabel" and "codelist" - base type: string, max length: 350, (XPath PARTIn/PIbody/PIitem/partyReference/note) 0-unbounded (XPath PARTIn/PIbody/PIitem/invoicee/note) 0-unbounded (XPath PARTIn/PIbody/PIitem/finInfo/note) 0-99 (XPath PARTIn/PIbody/PIitem/note) 0-99 (XPath PARTIn/PIheader/note) 0-99
@noteLabel	subject qualifier of a note - base type: string, max length: 35, (XPath PARTIn/PIbody/PIitem/note/@noteLabel) [Optional] - nota: *must be used to qualify the subject of the note* (XPath PARTIn/PIbody/PIitem/finInfo/note/@noteLabel) [Optional] - nota: *must be used to qualify the subject of the note* (XPath PARTIn/PIbody/PIitem/partyReference/note/@noteLabel) [Optional] - nota: *must be used to qualify the subject of the note* (XPath PARTIn/PIheader/note/@noteLabel) [Optional] - nota: *must be used to qualify the subject of the note* (XPath PARTIn/PIbody/PIitem/invoicee/note/@noteLabel) [Optional] - nota: *must be used to qualify the subject of the note*
@numberingOrg	code specifying the organisation who has created or owns the coding or numbering system - base type: string, cod. table: NT6 *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml* (XPath PARTIn/PIheader/refDoc/season/@numberingOrg) [Optional] (XPath PARTIn/PIheader/senderParty/id/@numberingOrg) [Optional] (XPath PARTIn/PIheader/receiverParty/id/@numberingOrg) [Optional] (XPath PARTIn/PIbody/PIitem/note/@numberingOrg) [Optional] (XPath PARTIn/PIbody/PIitem/finInfo/note/@numberingOrg) [Optional] (XPath PARTIn/PIbody/PIitem/invoicee/additionalIdentifier/@numberingOrg) [Optional] - nota: *here the issuer of the identifier must be specified* (XPath PARTIn/PIbody/PIitem/invoicee/note/@numberingOrg) [Optional] (XPath PARTIn/PIheader/refDoc/docID/@numberingOrg) [Optional] - nota: *here can be specified whose document numbering is used (e.g.: Client, Supplier, ..)* (XPath PARTIn/PIbody/PIitem/invoicee/partyQualifiedID/@numberingOrg) [Optional] (XPath PARTIn/PIheader/note/@numberingOrg) [Optional] (XPath PARTIn/PIbody/PIitem/brand/@numberingOrg) [Optional] (XPath PARTIn/PIbody/PIitem/partyReference/brand/@numberingOrg) [Optional] (XPath PARTIn/PIheader/refDoc/attachment/fileName/@numberingOrg) [Optional] (XPath PARTIn/PIbody/PIitem/partyQualifiedID/@numberingOrg) [Optional] (XPath PARTIn/PIbody/PIitem/partyReference/note/@numberingOrg) [Optional]
partyCategory	Code qualifing the Party respect with reference to a category (for example: cluster, market, …). - base type: string, (XPath PARTIn/PIbody/PIitem/partyCategory) 0-unbounded
@partyCategoryType	Category type for party classification. - base type: string, (XPath PARTIn/PIbody/PIitem/partyCategory/@partyCategoryType) [Required]
partyDescription	Free text description of a party. - base type: string, (XPath PARTIn/PIbody/PIitem/partyDescription) 0-unbounded
partyQualifiedID	Identification code of a Party. - base type: string, (XPath PARTIn/PIbody/PIitem/invoicee/partyQualifiedID) 0-1 (XPath PARTIn/PIbody/PIitem/partyQualifiedID) 0-unbounded

payTermText	free text specifying the terms by which the payment must be done (time/mode or means) - base type: string, max length: 250, (XPath PARTIn/PIbody/PIitem/payTermText) 0-unbounded
person	name of the contact person within a Party - base type: string, max length: 40, (XPath PARTIn/PIbody/PIitem/finInfo/bank/person) 0-1 (XPath PARTIn/PIheader/receiverParty/person) 0-1 (XPath PARTIn/PIbody/PIitem/partyReference/person) 0-1 (XPath PARTIn/PIheader/senderParty/person) 0-1
@phone	phone number of the contact person within a Party - base type: string, max length: 35, (XPath PARTIn/PIheader/senderParty/person/@phone) [Optional] (XPath PARTIn/PIbody/PIitem/finInfo/bank/person/@phone) [Optional] (XPath PARTIn/PIheader/receiverParty/person/@phone) [Optional] (XPath PARTIn/PIbody/PIitem/partyReference/person/@phone) [Optional]
postCode	code defining the postal zone - base type: string, max length: 10, (XPath PARTIn/PIbody/PIitem/invoicee/postCode) 0-1 (XPath PARTIn/PIbody/PIitem/finInfo/bank/postCode) 0-1 (XPath PARTIn/PIbody/PIitem/partyReference/postCode) 0-1 (XPath PARTIn/PIheader/senderParty/postCode) 0-1 (XPath PARTIn/PIheader/receiverParty/postCode) 0-1
@refQualifier	Reference qualifier (for ex. main contact, operating headqurters, invoicing, shipping, purchaising department, storage, …). - base type: string, (XPath PARTIn/PIbody/PIitem/partyReference/@refQualifier) [Optional]
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 PARTIn/PIheader/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 PARTIn/PIheader/senderParty/@sender) [Optional] - nota: *This attribute is mandatory when the STYLESHEET must be used.* (XPath PARTIn/PIheader/receiverParty/@sender) [Optional] - nota: *This attribute is mandatory when the STYLESHEET must be used.*
street	street and building number identifying a location - base type: string, max length: 80, (XPath PARTIn/PIbody/PIitem/partyReference/street) 0-1 (XPath PARTIn/PIbody/PIitem/invoicee/street) 0-1 (XPath PARTIn/PIheader/receiverParty/street) 0-1 (XPath PARTIn/PIheader/senderParty/street) 0-1 (XPath PARTIn/PIbody/PIitem/finInfo/bank/street) 0-1
subCountry	short name or code of the sub-country entity - base type: string, max length: 9, (XPath PARTIn/PIbody/PIitem/partyReference/subCountry) 0-1 (XPath PARTIn/PIbody/PIitem/finInfo/bank/subCountry) 0-1 (XPath PARTIn/PIheader/receiverParty/subCountry) 0-1 (XPath PARTIn/PIheader/senderParty/subCountry) 0-1 (XPath PARTIn/PIbody/PIitem/invoicee/subCountry) 0-1
subDept	name or code of a contact department within a Party - base type: string, max length: 40, (XPath PARTIn/PIbody/PIitem/finInfo/bank/subDept) 0-1 (XPath PARTIn/PIheader/senderParty/subDept) 0-1 (XPath PARTIn/PIheader/receiverParty/subDept) 0-1

swift	swift code relevant to the financial transaction - base type: string, max length: 15, (XPath PARTIn/PIbody/PIitem/finInfo/swift) 0-1
@uid	unique element identifier within the xml document - base type: string, (XPath PARTIn/PIheader/refDoc/attachment/@uid) [Optional]
uri	Uniform Resource Identifier (URI) that identifies the external object as an Internet resource - base type: normalizedString, (XPath PARTIn/PIheader/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 PARTIn/@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 PARTIn/PIheader/validityEnd) 0-1
@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 PARTIn/@version) [Optional] [Default= draft]

2.3 Enumeration tables

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

NT100 - eBIZ TCFUpstream version
NT18 - message function
NT29 - format of a date
NT6 - coding system owner/issuer
T10 - ISO3166 - Country
T21 - type of document

ACKNOWLEDGEMENT

DISCLAIMER

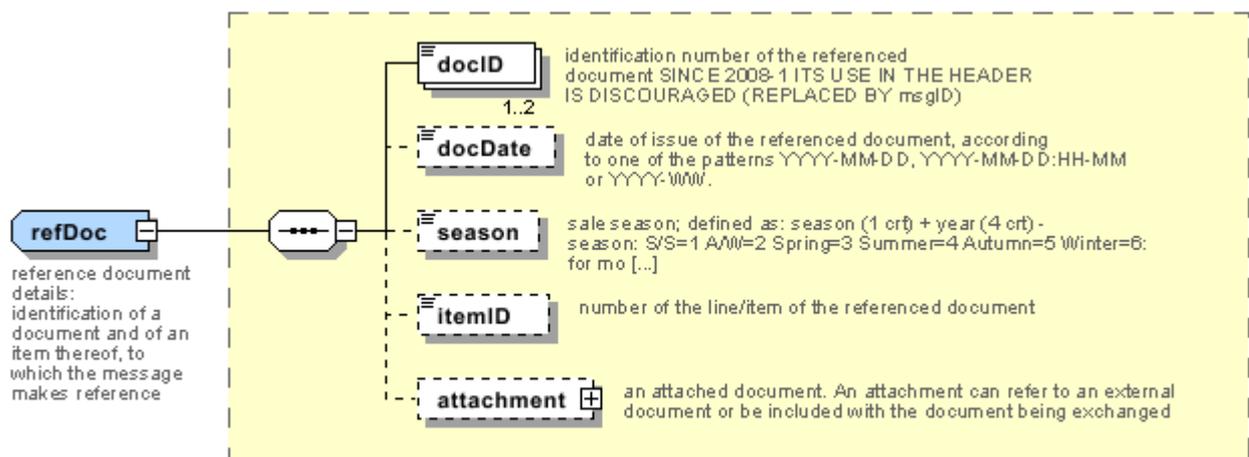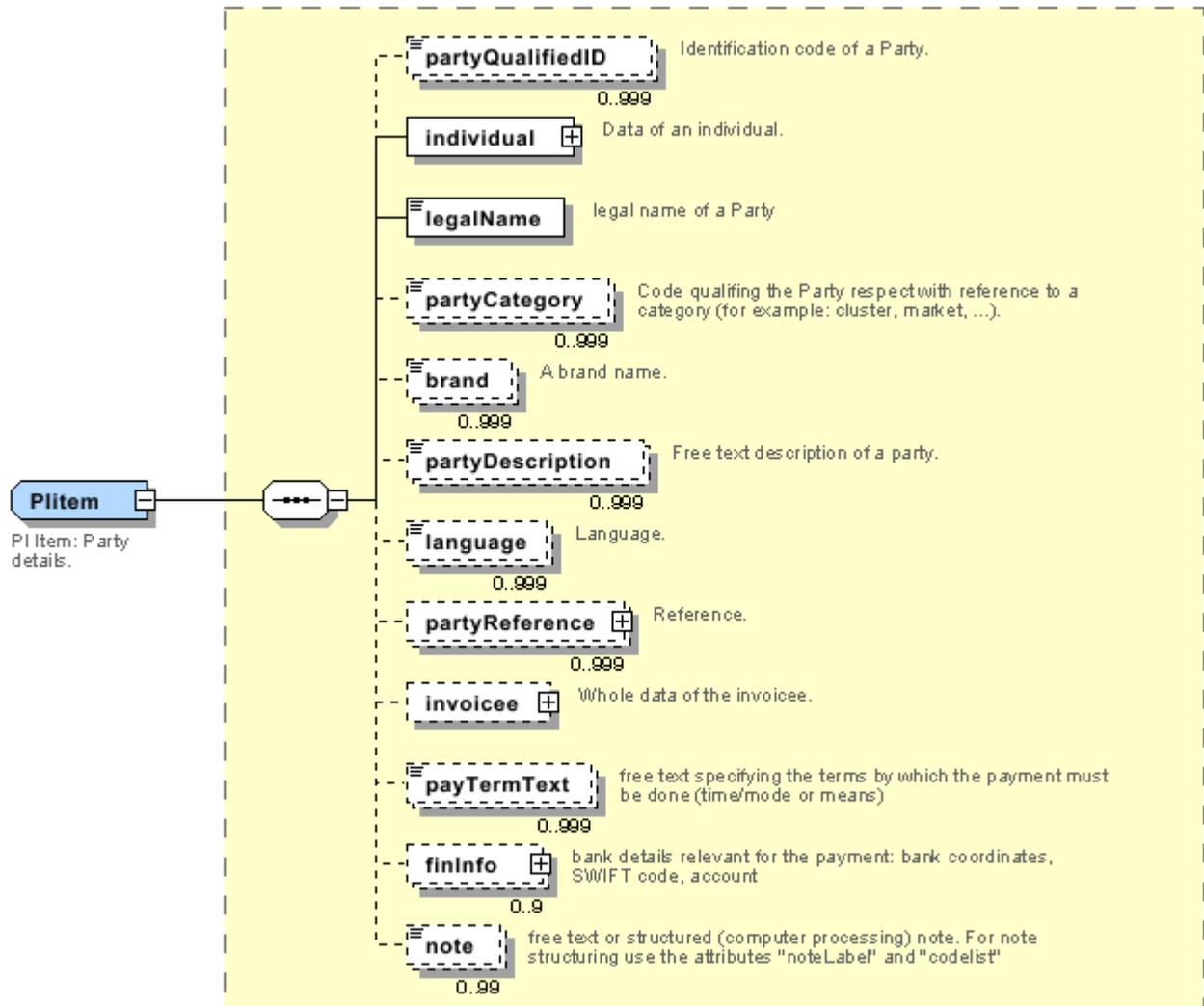The content of this document represents the views of the authors only and is their sole responsibility; it cannot be considered to reflect the views of the European Commission and/or the Executive Agency for Small and Medium-sized Enterprises (EASME) or any other body of the European Union.

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Annex A

Representative images of the principal complex elements' structure.

PIItem — PI Item: Party details.

- partyQualifiedID — Identification code of a Party. (0..999)
- individual — Data of an individual.
- legalName — legal name of a Party
- partyCategory — Code qualifing the Party respect with reference to a category (for example: cluster, market, ...). (0..999)
- brand — A brand name. (0..999)
- partyDescription — Free text description of a party. (0..999)
- language — Language. (0..999)
- partyReference — Reference. (0..999)
- invoicee — Whole data of the invoicee.
- payTermText — free text specifying the terms by which the payment must be done (time/mode or means) (0..999)
- finInfo — bank details relevant for the payment: bank coordinates, SWIFT code, account (0..9)
- note — free text or structured (computer processing) note. For note structuring use the attributes "noteLabel" and "codelist" (0..99)

refDoc — reference document details: identification of a document and of an item thereof, to which the message makes reference

- docID — identification number of the referenced document SINCE 2008-1 ITS USE IN THE HEADER IS DISCOURAGED (REPLACED BY msgID) (1..2)
- 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.
- 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 mo [...]
- itemID — number of the line/item of the referenced document
- attachment — an attached document. An attachment can refer to an external document or be included with the document being exchanged

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

NT18 - message function

function performed by the present message with regards to the transmission

Agency name: eBIZ

tabella cod.: NT18
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT18.xml*

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

NT29 - format of a date

format used for the date

Agency name: eBIZ

tabella cod.: NT29
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml*

Code	Description	Adoption note	Date of insertion
D	YYYY-MM-DD		

M	YYYY-MM-DD:HH-MM		
W	YYYY-WW		

NT6 - coding system owner/issuer

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

Agency name: eBIZ

tabella cod.: NT6
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml*

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

T10 - ISO3166 - Country

code of the nation

Agency name: ISO

tabella cod.: T10
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml*

Table not printed: there are 239 elements, more than the maximum specified for printing: 99.

T21 - type of document

type or class to which the referenced document belongs

Agency name: eBIZ

tabella cod.: T21
File codes list (Generic code): *http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml*

Code	Description	Adoption note	Date of insertion
BOR	blanket order		01/02/2018
CAT	Price catalogue - tech sheet		
CEO	Certificate of origin		13/04/2018
CER	Certificate		13/04/2018
COC	colour card		
CRN	Credit note		08/09/2017
CTO	Checking order		01/07/2013
CTR	Contract		
CXF	CxF3 file		01/07/2013
DAD	Darn order		
DDT	ddt		
DEA	Despatch advise		
DER	Despatch request		
DR	Document Request		02/12/2014
FOR	Forecast		02/12/2014
GSO	Garment stock offer		
GSX	Garment stock offer change		
INV	Invoice		
KCC	Knitting-Clothing Commission Order		02/12/2014
KCI	Garment in Work Inventory Report		02/12/2014
M2M	Made to Measure Production Order		02/12/2014
MAS	Master marker		
MCI	Visual merchandising instruction		13/04/2018
OCH	Order change		
OFF	Offer		
ORD	Purchase order		
ORP	Order response		
OSR	order status request		
OSS	Offer status		02/12/2014
OST	Order status		
OUR	our reference		
QR	Quality Report		02/12/2014
RAI	Raw Material in Work Inventory Report		02/12/2014
RDC	Raw dyeing commission order		

RDH	Raw dyeing order change		
RDR	Raw dyeing order response		
REA	Receiving advise		
REQ	Request for Offer		
RET	Return		02/12/2014
RSC	Spinning commission order		
RSH	Spinning order change		
RSR	Spinning order response		
SCL	process sheet		
TFC	Textile dyeing-finishing commission order		
TFX	Textile Dyeing-Finishing Order Change		02/12/2014
TPC	Textile printing commission order		
TPX	Textile Printing Order Change		02/12/2014
TWI	Textile in work inventory		
VMI	visual merchandising instructions		01/02/2018
WAC	Warping commission order		
WEC	Weaving commission order		
YDC	Yarn dyeing commission order		
YDH	Yarn dyeing order change		
YDR	Yarn dyeing order response		
YTC	Twisting commission order		
YWI	Yarn in work inventory		