



MODA - ML

(www.moda-ml.org)

IMPLEMENTATION GUIDE
TRANSACTION "TEXTILES DARN RETURN"

Process: Fabric production
Activity: Fabric darning

Version: v2003-1

Date of release: 31/12/2002

Document code: OF51-014

XML Schema repository: <http://www.moda-ml.net/moda-ml/repository/schema/v2003-1/default.asp>

Guides repository: <http://www.moda-ml.org/moda-ml/repository/guide/v2003-1/EN/default.asp>

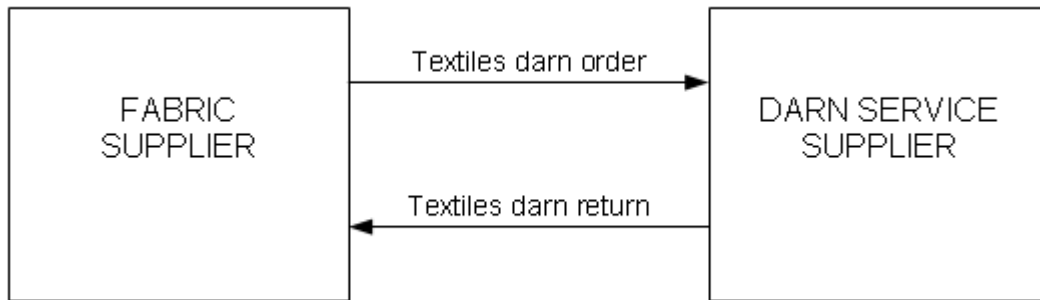
Guide filename: OF51-014-MODA-ML-TextilesDarnReturn.pdf

1. Scope

The present guide has been issued by MODA-ML (an IST-2000 EUTIST-AMI Project) to assist the companies of the Textile-Clothing sector in the implementation of the standard XML document type "TEXTILES DARN RETURN", providing all the instruction required for its use in any context of e-commerce between Fabric Suppliers and Darn Service Suppliers.

The XML document class here described can be used to support the transaction "Textiles Darn Return" in the activity "**Fabric darning**" of the process "**Fabric production**".

All the rules required for the construction and validation of the document are embedded into the specific XML-Schema, which is detailed in section 3.



2. 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 by MODA-ML 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

TEXDarnReturn

@msgfunction [Optional] [Default= OR]

DRheader 1-1

msgN 1-1

msgDate 1-1

refDoc 0-9

buyer 1-1

subContractor 1-1

thirdParty 0-1

note 0-1

DRbody 1-1

DRitem 1-999

MOtotals 0-1

totQty 2-2

3. Use of the document

3.1 Generalities

The document "Textiles Darn Return" is used by the Darn sub-Contractor to specify the darning operations performed on each fabric piece and possibly the worktimes invoiced.

The document can refer to one or more pieces and can be used either in conjunction with the "Textiles Despatch Advise" (1 DA : 1 Return) or independently.

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

EACH ITEM CONTAINS A JOB REPORTING FOR ONE OR MORE PIECES OF THE SAME TEXTILE ARTICLE.

The Job cost reporting can be calculated from a metre rate or from an hourly rate times a given operation time or from a combination of both.

3.2 Detailed description of document elements

TEXDarnReturn

@msgfunction [Optional] [Default= OR]

DRheader 1-1

msgN 1-1

msgDate 1-1

refDoc 0-9

@docType [Required]

docID 1-1

docDate 0-1

season 0-1

itemID 0-1

buyer 1-1

@logo [Optional]

id 1-1

@numberingOrg [Optional]

legalName 0-1

dept 0-1

person 0-1

@email [Optional]

street 0-1

city 0-1

subCountry 0-1

country 0-1

postCode 0-1

subContractor 1-1

id 1-1

@numberingOrg [Optional]

legalName 0-1

dept 0-1

person 0-1

@email [Optional]

street 0-1

city 0-1

subCountry 0-1

country 0-1

postCode 0-1

thirdParty 0-1

@role [Required]

id 1-1

@numberingOrg [Optional]

legalName 0-1

dept 0-1

person 0-1

@email [Optional]

street 0-1

city 0-1

subCountry 0-1

country 0-1

postCode 0-1

note 0-1

TEXDarnReturn	
<i>@msgfunction</i> <i>[Optional] [Default=OR]</i>	message function function performed by the present message with regards to the transmission - base type: string, cod. table: NT18, (XPath: TEXDarnReturn/@msgfunction)
DRheader 1-1	DR header header of the TEXTILES DARN RETURN - (XPath: TEXDarnReturn/DRheader)
msgN 1-1	message identifier identification number given to the message by its issuer - base type: string, max length: 25, (XPath: TEXDarnReturn/DRheader/msgN)
msgDate 1-1	message date date of issue of the present message (xml document) - base type: date, (XPath: TEXDarnReturn/DRheader/msgDate)
refDoc 0-9	reference document details identification of a document and of an item thereof, to which the message makes reference - (XPath: TEXDarnReturn/DRheader/refDoc)
<i>@docType [Required]</i>	document type code type or class to which the document belongs - base type: string, cod. table: T21, (XPath: TEXDarnReturn/DRheader/refDoc/@docType)
docID 1-1	document identifier identification number given to the referenced document by its issuer - base type: string, max length: 25, (XPath: TEXDarnReturn/DRheader/refDoc/docID)
docDate 0-1	document date date of issue of the referenced document - base type: date, (XPath: TEXDarnReturn/DRheader/refDoc/docDate)
season 0-1	season identifier sale season; represented as a) season (Spring/Summer=1; Autumn/Winter=2) + b) year - base type: string, length: 5, (XPath: TEXDarnReturn/DRheader/refDoc/season)
itemID 0-1	item number number of the line/item of the referenced document - base type: positiveInteger, min inclusive: 1, max inclusive: 9999, (XPath: TEXDarnReturn/DRheader/refDoc/itemID)
buyer 1-1	Buyer details of the Buyer - base type: Nad, (XPath: TEXDarnReturn/DRheader/buyer)
<i>@logo [Optional]</i>	party 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: TEXDarnReturn/DRheader/buyer/@logo)
id 1-1	Party identifier primary identification code of the Party - base type: string, max length: 15, (XPath: TEXDarnReturn/DRheader/buyer/id)
<i>@numberingOrg</i> <i>[Optional]</i>	numbering organisation code Party who has created or owns the coding or numbering system - base type: string, cod. table: NT6, (XPath: TEXDarnReturn/DRheader/buyer/id/@numberingOrg)
legalName 0-1	Legal name legal name of the Party - base type: string, max length: 80, (XPath: TEXDarnReturn/DRheader/buyer/legalName)
dept 0-1	department identifier name or code of the department within the Party - base type: string, max length: 40, (XPath: TEXDarnReturn/DRheader/buyer/dept)
person 0-1	contact person name name of the contact person within the Party - base type: string, max length: 40, (XPath: TEXDarnReturn/DRheader/buyer/person)
<i>@email [Optional]</i>	e-mail electronic mail address - base type: string, max length: 80, (XPath: TEXDarnReturn/DRheader/buyer/person/@email)
street 0-1	street and building identifier street and building number identifying the location of the Party - base type: string, max length: 80, (XPath: TEXDarnReturn/DRheader/buyer/street)
city 0-1	city name name of the city (town, village) where the Party is located - base type: string, max length: 40, (XPath: TEXDarnReturn/DRheader/buyer/city)
subCountry 0-1	sub-country code short name or code of the sub-country entity - base type: string, max length: 9, (XPath: TEXDarnReturn/DRheader/buyer/subCountry)
country 0-1	country code code of the nation where the Party is located - base type: string, cod. table: T10, (XPath: TEXDarnReturn/DRheader/buyer/country)
postCode 0-1	postal zone code code defining the postal zone - base type: string, max length: 10, (XPath: TEXDarnReturn/DRheader/buyer/postCode)
subContractor 1-1	Sub-contractor details of the Sub-contractor - base type: Nad, (XPath: TEXDarnReturn/DRheader/subContractor)
id 1-1	Party identifier primary identification code of the Party

	- base type: string, max length: 15, (XPath: TEXDarnReturn/DRheader/subContractor/id)
@numberingOrg [Optional]	numbering organisation code Party who has created or owns the coding or numbering system - base type: string, cod. table: NT6, (XPath: TEXDarnReturn/DRheader/subContractor/id/@numberingOrg)
legalName 0-1	Legal name legal name of the Party - base type: string, max length: 80, (XPath: TEXDarnReturn/DRheader/subContractor/legalName)
dept 0-1	department identifier name or code of the department within the Party - base type: string, max length: 40, (XPath: TEXDarnReturn/DRheader/subContractor/dept)
person 0-1	contact person name name of the contact person within the Party - base type: string, max length: 40, (XPath: TEXDarnReturn/DRheader/subContractor/person)
@email [Optional]	e-mail electronic mail address - base type: string, max length: 80, (XPath: TEXDarnReturn/DRheader/subContractor/person/@email)
street 0-1	street and building identifier street and building number identifying the location of the Party - base type: string, max length: 80, (XPath: TEXDarnReturn/DRheader/subContractor/street)
city 0-1	city name name of the city (town, village) where the Party is located - base type: string, max length: 40, (XPath: TEXDarnReturn/DRheader/subContractor/city)
subCountry 0-1	sub-country code short name or code of the sub-country entity - base type: string, max length: 9, (XPath: TEXDarnReturn/DRheader/subContractor/subCountry)
country 0-1	country code code of the nation where the Party is located - base type: string, cod. table: T10, (XPath: TEXDarnReturn/DRheader/subContractor/country)
postCode 0-1	postal zone code code defining the postal zone - base type: string, max length: 10, (XPath: TEXDarnReturn/DRheader/subContractor/postCode)
thirdParty 0-1	Third Party details of the Third Party, different from Buyer or Supplier - base type: Nad, - note: <i>it can be used to specify the Party to whom the subcontractor has sent the goods (role="DM")</i> (XPath: TEXDarnReturn/DRheader/thirdParty)
@role [Required]	Party code Third Party qualifier - base type: string, cod. table: NT2, (XPath: TEXDarnReturn/DRheader/thirdParty/@role)
id 1-1	Party identifier

	<p>primary identification code of the Party</p> <p>- base type: string, max length: 15, (XPath: TEXDarnReturn/DRheader/thirdParty/id)</p>
<i>@numberingOrg</i> <i>[Optional]</i>	<p>numbering organisation code</p> <p>Party who has created or owns the coding or numbering system</p> <p>- base type: string, cod. table: NT6, (XPath: TEXDarnReturn/DRheader/thirdParty/id/@numberingOrg)</p>
legalName 0-1	<p>Legal name</p> <p>legal name of the Party</p> <p>- base type: string, max length: 80, (XPath: TEXDarnReturn/DRheader/thirdParty/legalName)</p>
dept 0-1	<p>department identifier</p> <p>name or code of the department within the Party</p> <p>- base type: string, max length: 40, (XPath: TEXDarnReturn/DRheader/thirdParty/dept)</p>
person 0-1	<p>contact person name</p> <p>name of the contact person within the Party</p> <p>- base type: string, max length: 40, (XPath: TEXDarnReturn/DRheader/thirdParty/person)</p>
<i>@email</i> <i>[Optional]</i>	<p>e-mail</p> <p>electronic mail address</p> <p>- base type: string, max length: 80, (XPath: TEXDarnReturn/DRheader/thirdParty/person/@email)</p>
street 0-1	<p>street and building identifier</p> <p>street and building number identifying the location of the Party</p> <p>- base type: string, max length: 80, (XPath: TEXDarnReturn/DRheader/thirdParty/street)</p>
city 0-1	<p>city name</p> <p>name of the city (town, village) where the Party is located</p> <p>- base type: string, max length: 40, (XPath: TEXDarnReturn/DRheader/thirdParty/city)</p>
subCountry 0-1	<p>sub-country code</p> <p>short name or code of the sub-country entity</p> <p>- base type: string, max length: 9, (XPath: TEXDarnReturn/DRheader/thirdParty/subCountry)</p>
country 0-1	<p>country code</p> <p>code of the nation where the Party is located</p> <p>- base type: string, cod. table: T10, (XPath: TEXDarnReturn/DRheader/thirdParty/country)</p>
postCode 0-1	<p>postal zone code</p> <p>code defining the postal zone</p> <p>- base type: string, max length: 10, (XPath: TEXDarnReturn/DRheader/thirdParty/postCode)</p>
note 0-1	<p>free text</p> <p>free text note</p> <p>- base type: string, max length: 350, (XPath: TEXDarnReturn/DRheader/note)</p>

DRbody 1-1

DRitem 1-999

lineN 1-1

texCode 0-1

@numberingOrg [Required]

art 1-1

pattern 0-1

color 0-1

added 0-1

qty 1-1

@um [Required]

piece 1-99

serialN 1-3

@numberingOrg [Optional] [Default= FO]

pieceLength 1-1

@um [Optional] [Default= MTR]

pieceWidth 0-1

@um [Optional] [Default= CMT]

pieceWeight 0-1

@um [Optional] [Default= KGM]

lotN 0-1

dyeN 0-1

pieceAllow 0-1

@um [Required]

packageN 0-1

@numberingOrg [Optional] [Default= FO]

piecePack 0-1

- choose -

piecePackText 1-1

- or -

pieceInnWrap1 1-1

pieceInnWrap2 0-1

pieceOutWrap 0-1

- end choose -

refDoc 0-1

@docType [Required]

docID 1-1

docDate 0-1

season 0-1

itemID 0-1

darnJobReport 1-9

job 1-1

jobPriceM 0-1

jobTime 0-1

jobPriceH 0-1

note 0-1

DRbody 1-1	DR body body of the document TEXTILES DARN RETURN - (XPath: TEXDarnReturn/DRbody)
DRitem 1-999	DR item line item of the document "Textiles Darn Return" - (XPath: TEXDarnReturn/DRbody/DRitem)

lineN 1-1	line number number of the line item of the present message - base type: positiveInteger, min inclusive: 1, max inclusive: 9999, (XPath: TEXDarnReturn/DRbody/DRitem/lineN)
texCode 0-1	Textiles product code full codification of the textile product - (XPath: TEXDarnReturn/DRbody/DRitem/texCode)
@numberingOrg [Required]	numbering organisation code Party who has created or owns the coding or numbering system - base type: string, cod. table: NT6, (XPath: TEXDarnReturn/DRbody/DRitem/texCode/@numberingOrg)
art 1-1	article identifier article number of the product - base type: string, max length: 25, - note: <i>can be used either for the base-article (excluding pattern/colour) or for the SKU</i> (XPath: TEXDarnReturn/DRbody/DRitem/texCode/art)
pattern 0-1	article's pattern identifier pattern/design number of the product, when not included in the article code - base type: string, max length: 15, (XPath: TEXDarnReturn/DRbody/DRitem/texCode/pattern)
color 0-1	article's colour identifier colour number of the product, when not included in the article code - base type: string, max length: 15, (XPath: TEXDarnReturn/DRbody/DRitem/texCode/color)
added 0-1	article's additional identifier additional code of the product (complementing the formers) - base type: string, max length: 15, (XPath: TEXDarnReturn/DRbody/DRitem/texCode/added)
qty 1-1	item quantity net quantity of the article or object specified in the message line, qualified by the function of the document (ordering, delivering, ..) - base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXDarnReturn/DRbody/DRitem/qty)
@um [Required]	unit of measure code specification of the unit of measure - base type: string, cod. table: NT7, (XPath: TEXDarnReturn/DRbody/DRitem/qty/@um)
piece 1-99	Fabric piece data Identification data and measurement of the fabric piece - (XPath: TEXDarnReturn/DRbody/DRitem/piece)
serialN 1-3	serial number serial number used for the identification of the physical units of a product - base type: string, max length: 15, (XPath: TEXDarnReturn/DRbody/DRitem/piece/serialN)
@numberingOrg [Optional] [Default=FO]	numbering organisation code Party who has created or owns the coding or numbering system - base type: string, cod. table: NT6, - nota: <i>here the issuer of the serial number must be specified (when different from the Supplier)</i> (XPath: TEXDarnReturn/DRbody/DRitem/piece/serialN/@numberingOrg)

pieceLength 1-1	<p>piece length measure length of the piece</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXDarnReturn/DRbody/DRitem/piece/pieceLength)</p>
@um [Optional] [Default= MTR]	<p>unit of measure code specification of the unit of measure</p> <p>- base type: string, cod. table: NT7, (XPath: TEXDarnReturn/DRbody/DRitem/piece/pieceLength/@um)</p>
pieceWidth 0-1	<p>piece width measure effective width of the fabric piece</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXDarnReturn/DRbody/DRitem/piece/pieceWidth)</p>
@um [Optional] [Default= CMT]	<p>unit of measure code specification of the unit of measure</p> <p>- base type: string, cod. table: NT7, (XPath: TEXDarnReturn/DRbody/DRitem/piece/pieceWidth/@um)</p>
pieceWeight 0-1	<p>piece weight measure effective total weight of the fabric piece</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXDarnReturn/DRbody/DRitem/piece/pieceWeight)</p>
@um [Optional] [Default= KGM]	<p>unit of measure code specification of the unit of measure</p> <p>- base type: string, cod. table: NT7, (XPath: TEXDarnReturn/DRbody/DRitem/piece/pieceWeight/@um)</p>
lotN 0-1	<p>manufacture lot identifier lot number of the yarn or lot/batch number of the raw material</p> <p>- base type: string, max length: 15, (XPath: TEXDarnReturn/DRbody/DRitem/piece/lotN)</p>
dyeN 0-1	<p>dye bath identifier number of the dyeing batch of the piece or yarn</p> <p>- base type: string, max length: 15, (XPath: TEXDarnReturn/DRbody/DRitem/piece/dyeN)</p>
pieceAllow 0-1	<p>piece allowance measure allowance required or accorded for the piece</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 2, - note: <i>this is the piece allowance produced by the Supplier</i> (XPath: TEXDarnReturn/DRbody/DRitem/piece/pieceAllow)</p>
@um [Required]	<p>unit of measure code specification of the unit of measure</p> <p>- base type: string, cod. table: NT7, (XPath: TEXDarnReturn/DRbody/DRitem/piece/pieceAllow/@um)</p>
packageN 0-1	<p>package number serial number used to identify a transport package</p> <p>- base type: string, max length: 15, (XPath: TEXDarnReturn/DRbody/DRitem/piece/packageN)</p>
@numberingOrg [Optional] [Default= FO]	<p>numbering organisation code Party who has created or owns the coding or numbering system</p> <p>- base type: string, cod. table: NT6, (XPath: TEXDarnReturn/DRbody/DRitem/piece/packageN/@numberingOrg)</p>
piecePack 0-1	<p>Fabric piece packing details type of wrapping or packing of the fabric pieces</p> <p>-</p>

	(XPath: TEXDarnReturn/DRbody/DRitem/piece/piecePack)
piecePackText 1-1	fabric piece packing text free text specifying the type of wrapping or packing used for the fabric piece - base type: string, max length: 40, (XPath: TEXDarnReturn/DRbody/DRitem/piece/piecePack/piecePackText)
pieceInnWrap1 1-1	fabric piece inner packing 1 code code specifying the type of inner wrapping/packing used for the fabric piece - base type: string, cod. table: T4, (XPath: TEXDarnReturn/DRbody/DRitem/piece/piecePack/pieceInnWrap1)
pieceInnWrap2 0-1	fabric piece inner packing 2, code code sub-specifying the type of inner wrapping/packing used for the fabric piece - base type: string, cod. table: T5, (XPath: TEXDarnReturn/DRbody/DRitem/piece/piecePack/pieceInnWrap2)
pieceOutWrap 0-1	fabric piece outer packing, code code specifying the type of outer wrapping or packing used for the fabric piece - base type: string, cod. table: T6, (XPath: TEXDarnReturn/DRbody/DRitem/piece/piecePack/pieceOutWrap)
refDoc 0-1	reference document details identification of a document and of an item thereof, to which the message makes reference - - note: <i>here the transport document can be identified</i> (XPath: TEXDarnReturn/DRbody/DRitem/refDoc)
@docType [Required]	document type code type or class to which the document belongs - base type: string, cod. table: T21, (XPath: TEXDarnReturn/DRbody/DRitem/refDoc/@docType)
docID 1-1	document identifier identification number given to the referenced document by its issuer - base type: string, max length: 25, (XPath: TEXDarnReturn/DRbody/DRitem/refDoc/docID)
docDate 0-1	document date date of issue of the referenced document - base type: date, (XPath: TEXDarnReturn/DRbody/DRitem/refDoc/docDate)
season 0-1	season identifier sale season; represented as a) season (Spring/Summer=1; Autumn/Winter=2) + b) year - base type: string, length: 5, (XPath: TEXDarnReturn/DRbody/DRitem/refDoc/season)
itemID 0-1	item number number of the line/item of the referenced document - base type: positiveInteger, min inclusive: 1, max inclusive: 9999, (XPath: TEXDarnReturn/DRbody/DRitem/refDoc/itemID)
darnJobReport 1-9	darn report details job report for the execution of a darn work - (XPath: TEXDarnReturn/DRbody/DRitem/darnJobReport)
job 1-1	operation code

	<p>element of a work cycle</p> <p>- base type: string, cod. table: T20, (XPath: TEXDarnReturn/DRbody/DRitem/darnJobReport/job)</p>
jobPriceM 0-1	<p>job metre price rate</p> <p>chargeable cost per metre of the hired job</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 3, (XPath: TEXDarnReturn/DRbody/DRitem/darnJobReport/jobPriceM)</p>
jobTime 0-1	<p>job time duration</p> <p>worktime of the elementary operation of a work cycle in hours and minutes (nnHnnM)</p> <p>- base type: string, (XPath: TEXDarnReturn/DRbody/DRitem/darnJobReport/jobTime)</p>
jobPriceH 0-1	<p>job hourly price rate</p> <p>chargeable cost per hour of the hired job</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 3, (XPath: TEXDarnReturn/DRbody/DRitem/darnJobReport/jobPriceH)</p>
note 0-1	<p>free text</p> <p>free text note</p> <p>- base type: string, max length: 350, (XPath: TEXDarnReturn/DRbody/DRitem/note)</p>

MOtotals 0-1

totQty 2-2

@um [Required]

MOtotals 0-1	<p>MO totals</p> <p>monetary and quantity totals of the Order</p> <p>- (XPath: TEXDarnReturn/MOtals)</p>
totQty 2-2	<p>total items quantity</p> <p>total quantity of the articles related to the whole document</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 2, - note: <i>used to specify the number of pieces (um="PZ") and the quantity of metres (um="MTR") relative to the document</i> (XPath: TEXDarnReturn/MOtals/totQty)</p>
@um [Required]	<p>unit of measure code</p> <p>specification of the unit of measure</p> <p>- base type: string, cod. table: NT7, (XPath: TEXDarnReturn/MOtals/totQty/@um)</p>

4. Enumeration tables

List of enumeration tables used in the XML document. You can find the corresponding codes in the attachment labeled "A", for tables with 100 values or less.

NT18 - message function

T21 - type of document

NT6 - Product coding qualifier

T10 - ISO3166 - Country

NT2 - Third party qualifier

NT7 - Unity of measure

T4 - Fabric piece inner packing (wrapping) 1

T5 - Fabric piece inner packing (wrapping) 2

T6 - Fabric piece outer packing

T20 - type of job

5. Credits

This guide has been realized for MODA-ML project by Guido Cucchiara, PROGEMA- gruppo SOI, supported by Thomas Imolesi, XML-Lab (initiative from ENEA and Forum per la Tecnologia dell'Informazione).

Other participants:

Alessandro Barberis Canonico (Lanificio Vitale Barberis Canonico),
Albino Botto Poala e Roberto Miari (Lanificio Successori Reda),
Gustavo Cametti (Lanificio Piacenza, Domina srl),
Giovanni Crestani (Robinson),
Piero De Sabbata e Piergiorgio Censoni (ENEA)
Gianfranco Irico (Lanificio Loro Piana),
Luca Mainetti (Politecnico di Milano, Hypermedia Open center),
Federico Tamburini e Ivano Begnozzi (Fratelli Corneliani).

The MODA-ML project is supported in the Fifth Framework programme by the European Commission in the IST initiative and is included in the cluster of projects about Agents and Middleware Technologies EUTIST-AMI (IST-2000-28221, <http://www.eutist-ami.org>).

More informations can be acquired in <http://www.moda-ml.org>.

Attachment A

NT18 - message function

CP	copy
OR	original
RT	re-transmission

T21 - type of document

CAT	price catalogue
CTR	contract
DAD	darn order
DDT	ddt
DEA	despatch advise
DER	despatch request
ORD	purchase order
OSR	order status request
OST	order status
OUR	our reference
SCL	process sheet

NT6 - Product coding qualifier

CL	Customer/buyer
CO	Quality Controller
EN	EAN
FO	Supplier
MF	VAT identifier

T10 - ISO3166 - Country

Table not printed: there are 239 elements, more than the maximum specified (100) for printing.

NT2 - Third party qualifier

AG	Sales Agent
CO	Quality Controller
DC	Response to
DF	Invoicee
DM	Consignee
IM	Importer
SP	Forwarder

NT7 - Unity of measure

CMT	centimetre
GRM	gram

INH	inch
KGM	kilogram
LBR	pound
MTR	metre
NMB	numero
ONZ	ounce
PZ	piece
YRD	yard

T4 - Fabric piece inner packing (wrapping) 1

A	Folded, whole width
B	Folded, doubled
C	Folded, tube products
D	Spooled, whole width
E	Spooled, doubled, pli: left
F	Spooled, doubled, pli: right
G	Rolled, whole width, single item
H	Rolled, whole width, several items
I	Rolled, doubled
J	Rolled, tube products

T5 - Fabric piece inner packing (wrapping) 2

A	Open
B	Folded once, not looped
C	Folded twice, not looped
H	Folded once, looped
I	Folded twice, looped
J	Without inner object, right side inside
K	On carton or spooling plank, right side inside
L	On spool (for pressure sensitive products), right side inside
M	Without inner object, left side inside
N	On carton or spooling plank, left side inside
O	On spool (for pressure sensitive products), left side inside
P	Without inner object, right side inside
Q	On carton, right side inside
R	On wooden stick, right side inside
S	Without inner object, left side inside
T	On carton, left side inside
U	On wooden stick, left side inside

T6 - Fabric piece outer packing

0	Not wrapped
00	

1	Totally wrapped
2	Wrapped, one side open
3	Wrapped, both sides open
4	Wrapped, one side open, with show corner
5	Wrapped in cartons
6	Double wrapped

T20 - type of job

00	
LAV	washing
NL	returned without work
PET	combing
PZ	clamp
RF	fine darn
RG	gross darn
RL	work
TOS	S-twist
TOZ	Z-twist
VAP	steaming