



MODA - ML

(www.moda-ml.org)

IMPLEMENTATION GUIDE
TRANSACTION "TEXTILES ORDER STATUS REPORT"

Process: Fabric supply
Activity: Purchase of fabrics

Version: v2003-1

Date of release: 31/12/2002

Document code: OF51-003

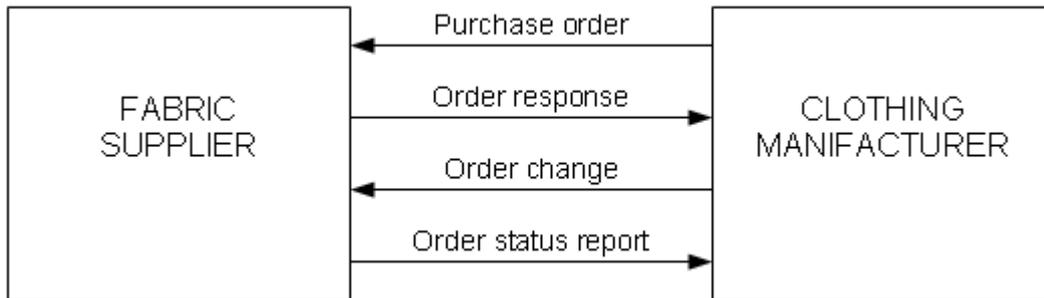
XML Schema repository: <http://www.moda-ml.net/moda-ml/repository/schema/v2003-1/default.asp>

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

Guide filename: OF51-003-MODA-ML-TextilesOrderStatusReport.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 ORDER STATUS REPORT", providing all the instruction required for its use in any context of e-commerce between Apparel Manufactures and Fabric Suppliers. The XML document class here described can be used to support the transaction " textiles order status report" in the activity "Purchase of fabric" of the process "Fabric supply". 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

TEXOrdStatus

@TStype [Required]

@msgfunction [Optional] [Default= OR]

TShheader 1-1

msgN 1-1

msgDate 1-1

refDoc 0-9

buyer 1-1

supplier 1-1

note 0-5

TSbody 1-1

TSitem 1-9999

3. Use of the document

3.1 Generalities

The message is issued by the Fabric Supplier to report to his Client the status of his Orders.

The message may concern all the articles ordered (Type = H "historic"), all the articles ordered and not yet delivered (type = C "complete") or just the articles in the "ready for shipment" status (type = S "for shipping").

The status report can be given for each article or for each Order line.

3.2 Detailed description of document elements

TEXOrdStatus

@TStype [Required]

@msgfunction [Optional] [Default= OR]

TShheader 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

supplier 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

note 0-5

TEXOrdStatus	
<i>@TStype [Required]</i>	TS type code type of Order status report - base type: string, cod. table: NT8, (XPath: TEXOrdStatus/@TStype)
<i>@msgfunction [Optional] [Default= OR]</i>	message function function performed by the present message with regards to the transmission - base type: string, cod. table: NT18, (XPath: TEXOrdStatus/@msgfunction)

TShheader 1-1	TS header header of the ORDER STATUS REPORT - - note: <i>the attribute "logo" should be used only in conjunction with Supplier</i> (XPath: TEXOrdStatus/TShheader)
msgN 1-1	message identifier identification number given to the message by its issuer - base type: string, max length: 25, (XPath: TEXOrdStatus/TShheader/msgN)
msgDate 1-1	message date date of issue of the present message (xml document) - base type: date, (XPath: TEXOrdStatus/TShheader/msgDate)
refDoc 0-9	reference document details identification of a document and of an item thereof, to which the message makes reference - (XPath: TEXOrdStatus/TShheader/refDoc)
<i>@docType [Required]</i>	document type code type or class to which the document belongs - base type: string, cod. table: T21, (XPath: TEXOrdStatus/TShheader/refDoc/@docType)
docID 1-1	document identifier identification number given to the referenced document by its issuer - base type: string, max length: 25, (XPath: TEXOrdStatus/TShheader/refDoc/docID)
docDate 0-1	document date date of issue of the referenced document - base type: date, (XPath: TEXOrdStatus/TShheader/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: TEXOrdStatus/TShheader/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: TEXOrdStatus/TShheader/refDoc/itemID)
buyer 1-1	Buyer details of the Buyer - base type: Nad, (XPath: TEXOrdStatus/TShheader/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: TEXOrdStatus/TShheader/buyer/@logo)
id 1-1	Party identifier primary identification code of the Party - base type: string, max length: 15, (XPath: TEXOrdStatus/TShheader/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: TEXOrdStatus/TShheader/buyer/id/@numberingOrg)
legalName 0-1	Legal name legal name of the Party - base type: string, max length: 80, (XPath: TEXOrdStatus/TShheader/buyer/legalName)
dept 0-1	department identifier name or code of the department within the Party - base type: string, max length: 40, (XPath: TEXOrdStatus/TShheader/buyer/dept)
person 0-1	contact person name name of the contact person within the Party - base type: string, max length: 40, (XPath: TEXOrdStatus/TShheader/buyer/person)
<i>@email</i> <i>[Optional]</i>	e-mail electronic mail address - base type: string, max length: 80, (XPath: TEXOrdStatus/TShheader/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: TEXOrdStatus/TShheader/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: TEXOrdStatus/TShheader/buyer/city)
subCountry 0-1	sub-country code short name or code of the sub-country entity - base type: string, max length: 9, (XPath: TEXOrdStatus/TShheader/buyer/subCountry)
country 0-1	country code code of the nation where the Party is located - base type: string, cod. table: T10, (XPath: TEXOrdStatus/TShheader/buyer/country)
postCode 0-1	postal zone code code defining the postal zone - base type: string, max length: 10, (XPath: TEXOrdStatus/TShheader/buyer/postCode)
supplier 1-1	Supplier details of the Supplier - base type: Nad, (XPath: TEXOrdStatus/TShheader/supplier)
<i>@logo</i> <i>[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: TEXOrdStatus/TShheader/supplier/@logo)
id 1-1	Party identifier primary identification code of the Party - base type: string, max length: 15,

	(XPath: TEXOrdStatus/TSheader/supplier/id)
@numberingOrg [Optional]	numbering organisation code Party who has created or owns the coding or numbering system - base type: string, cod. table: NT6, (XPath: TEXOrdStatus/TSheader/supplier/id/@numberingOrg)
legalName 0-1	Legal name legal name of the Party - base type: string, max length: 80, (XPath: TEXOrdStatus/TSheader/supplier/legalName)
dept 0-1	department identifier name or code of the department within the Party - base type: string, max length: 40, (XPath: TEXOrdStatus/TSheader/supplier/dept)
person 0-1	contact person name name of the contact person within the Party - base type: string, max length: 40, (XPath: TEXOrdStatus/TSheader/supplier/person)
@email [Optional]	e-mail electronic mail address - base type: string, max length: 80, (XPath: TEXOrdStatus/TSheader/supplier/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: TEXOrdStatus/TSheader/supplier/street)
city 0-1	city name name of the city (town, village) where the Party is located - base type: string, max length: 40, (XPath: TEXOrdStatus/TSheader/supplier/city)
subCountry 0-1	sub-country code short name or code of the sub-country entity - base type: string, max length: 9, (XPath: TEXOrdStatus/TSheader/supplier/subCountry)
country 0-1	country code code of the nation where the Party is located - base type: string, cod. table: T10, (XPath: TEXOrdStatus/TSheader/supplier/country)
postCode 0-1	postal zone code code defining the postal zone - base type: string, max length: 10, (XPath: TEXOrdStatus/TSheader/supplier/postCode)
note 0-5	free text free text note - base type: string, max length: 350, (XPath: TEXOrdStatus/TSheader/note)

TSbody 1-1

TSitem 1-9999

lineN 1-1

refDoc 0-1

@docType [Required]

docID 1-1
 docDate 0-1
 season 0-1
 itemID 0-1
texCode 1-2
 @numberingOrg [Required]
 art 1-1
 pattern 0-1
 color 0-1
 added 0-1
progress 1-99
 qty 1-2
 @um [Required]
 deliveryDate 1-1
 delGrantedDate 0-1
 - choose -
 mfrStatus 0-1
 - or -
 mfrStatusText 0-1
 - end choose -

TSbody 1-1	TS body body of the document "Textiles Order Status Report" - (XPath: TEXOrdStatus/TSbody)
TSitem 1-9999	TS item line item of the message "TEXTILE ORDER STATUS" - (XPath: TEXOrdStatus/TSbody/TSitem)
lineN 1-1	line number number of the line item of the present message - base type: positiveInteger, min inclusive: 1, max inclusive: 9999, (XPath: TEXOrdStatus/TSbody/TSitem/lineN)
refDoc 0-1	reference document details identification of a document and of an item thereof, to which the message makes reference - - note: <i>here can be identified the order and order line whose status is reported</i> (XPath: TEXOrdStatus/TSbody/TSitem/refDoc)
@docType [Required]	document type code type or class to which the document belongs - base type: string, cod. table: T21, (XPath: TEXOrdStatus/TSbody/TSitem/refDoc/@docType)
docID 1-1	document identifier identification number given to the referenced document by its issuer - base type: string, max length: 25, (XPath: TEXOrdStatus/TSbody/TSitem/refDoc/docID)
docDate 0-1	document date date of issue of the referenced document - base type: date, (XPath: TEXOrdStatus/TSbody/TSitem/refDoc/docDate)
season 0-1	season identifier

	<p>sale season; represented as a) season (Spring/Summer=1; Autumn/Winter=2) + b) year</p> <p>- base type: string, length: 5, (XPath: TEXOrdStatus/TSbody/TSitem/refDoc/season)</p>
itemID 0-1	<p>item number</p> <p>number of the line/item of the referenced document</p> <p>- base type: positiveInteger, min inclusive: 1, max inclusive: 9999, (XPath: TEXOrdStatus/TSbody/TSitem/refDoc/itemID)</p>
texCode 1-2	<p>Textiles product code</p> <p>full codification of the textile product</p> <p>- (XPath: TEXOrdStatus/TSbody/TSitem/texCode)</p>
@numberingOrg [Required]	<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: TEXOrdStatus/TSbody/TSitem/texCode/@numberingOrg)</p>
art 1-1	<p>article identifier</p> <p>article number of the product</p> <p>- 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: TEXOrdStatus/TSbody/TSitem/texCode/art)</p>
pattern 0-1	<p>article's pattern identifier</p> <p>pattern/design number of the product, when not included in the article code</p> <p>- base type: string, max length: 15, (XPath: TEXOrdStatus/TSbody/TSitem/texCode/pattern)</p>
color 0-1	<p>article's colour identifier</p> <p>colour number of the product, when not included in the article code</p> <p>- base type: string, max length: 15, (XPath: TEXOrdStatus/TSbody/TSitem/texCode/color)</p>
added 0-1	<p>article's additional identifier</p> <p>additional code of the product (complementing the formers)</p> <p>- base type: string, max length: 15, (XPath: TEXOrdStatus/TSbody/TSitem/texCode/added)</p>
progress 1-99	<p>Manufacture progress details</p> <p>description of the progress of the production lot in the manufacture</p> <p>- (XPath: TEXOrdStatus/TSbody/TSitem/progress)</p>
qty 1-2	<p>item quantity</p> <p>net quantity of the article or object specified in the message line, qualified by the function of the document (ordering, delivering, ..)</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 2, (XPath: TEXOrdStatus/TSbody/TSitem/progress/qty)</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: TEXOrdStatus/TSbody/TSitem/progress/qty/@um)</p>
deliveryDate 1-1	<p>goods delivery date</p> <p>date of delivery of goods</p> <p>- base type: date, (XPath: TEXOrdStatus/TSbody/TSitem/progress/deliveryDate)</p>
delGrantedDate 0-1	<p>goods delivery granted date</p> <p>effective date of delivery of goods (granted in the Order Status Report)</p>

	- base type: date, (XPath: TEXOrdStatus/TSbody/TSitem/progress/delGrantedDate)
mfrStatus 0-1	manufactory status code code of the manufacturing stage used to describe the progress in the production cycle - base type: string, cod. table: T7, (XPath: TEXOrdStatus/TSbody/TSitem/progress/mfrStatus)
mfrStatusText 0-1	manufactory status text free text used to describe the progress in the production cycle - base type: string, max length: 40, (XPath: TEXOrdStatus/TSbody/TSitem/progress/mfrStatusText)

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.

NT8 - Order status type

NT18 - message function

T21 - type of document

NT6 - Product coding qualifier

T10 - ISO3166 - Country

NT7 - Unity of measure

T7 - Manufacturing status

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 (Lanificio Successori Reda),
Gustavo Cametti (Lanificio Piacenza, Domina srl),
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).

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

Attachment A

NT8 - Order status type

C	complete
H	historic (whole season)
S	despatchables only

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.

NT7 - Unity of measure

CMT	centimetre
GRM	gram
INH	inch
KGM	kilogram
LBR	pound
MTR	metre

NMB	numero
ONZ	ounce
PZ	piece
YRD	yard

T7 - Manufacturing status

000	to be launched
100	launched
200	warping machine
250	woven
300	raw-darning
350	singeing machine
400	washing
450	fine-darning
500	dye-ready
550	dye works
600	wet finishing
700	dry finishing
900	despatch-ready
950	despatched