Meeting Participants:
Mr. A. Grangård
Mr. G. Boxman
Mr. T. Cochran
Mr. A. Dechamps
Mr. D. De Zutter
Mr. F. Vuilleumier
Ms. S. Probert
Mrs. M. Pemberton

Agenda:
1. Appoint secretary
2. ATG1 Agenda
3. Minutes of previous meeting
4. Update of Mandate, Terms of Reference
5. MDR
6. Workplan
7. DMR Review
8. UML to EDIFACT Design Rules
9. Update Technical Assessment Checklists
10. Transfer TA experience to ATG
11. Update DMR procedures and templates

Introduction:
Mr. Anders Grangård opened the meeting and welcomed the participants. The agenda was reviewed and accepted with additions made – Mandate, Terms of Reference, Update Technical Assessment checklists, And Transfer TA experience to ATG.

Appointment of secretary:
Tim Cochran volunteered to serve as secretary for the group and take minutes.

ATG1 Agenda:
Discussion of the last item on agenda, where the technical assessment should take place, based on the process flow described between Forum groups. Discussion of what was meant by “normalisation” French vs. English meanings are quite different, with the perceived intended French meaning being a more formal standards process.

Minutes of Previous Meeting:
DMR processing Discussion
ATG1 had agreed to allow DMR submitters to request for specific code values when requesting a new code. This change needs to be reflected in the DMR procedures and the DMR template.

Proposed change to page 30 of the DMR procedures – Code tag:
The value assigned to the code. For new codes, this proposed value is a temporary one. When the change request is applied to the directory, the proposed value will be adopted, unless existing rules prohibit the use of this value, in which case another will be applied. Note: no semantic meaning is assumed from the value. (e.g. ABC)
ATG1 agreed in September to replace the PAT and GIS segments, and issuing a warning to the TBG domain working groups to provide their replacements for these segments according to their requirements. The minutes were modified to reflect this.

Minutes were approved as modified.

**UML to EDIFACT Design Rules**

The group reviewed the UN/CEFACT Project Proposal – UML to UN/EDIFACT Transformation Rules. Purpose and scope to reflect changing “messages” to “constructs,” with “UML models provided by other Forum Groups” changed to “based on UMM compliant models.” ATG1 agreed to explicitly state that the UN/EDIFACT constructs to be created from such models would be “ebXML Core Component compliant constructs.” A statement providing for the securing of liaisons to other groups, internal and external to UN/CEFACT, as appropriate was added to the scope.

The Deliverables were modified to remain consistent with the proposed project’s scope to:

*The project deliverables are specifications for:*

- Standard UML to UN/EDIFACT Component Transformation Rules
- Message Specific UML to UN/EDIFACT Message Structure Transformation Rules
- Standard UN/EDIFACT to UML Component Transformation Rules
- Message Specific UN/EDIFACT to UML Message Structure Transformation Rules
- Review and possible update of the Message Design Rules
- Context application to United Nations Standard Messages (UNSM)
- Impact analysis of modelling’s effect on existing messages

*Includes changes suggested by ATG plenary.

Whether the scope and deliverables of the project should include developing true mapping between UN/EDIFACT and UML constructs was discussed. The deliverables were modified to explicitly provide for bi-directional transformation rules between EDIFACT and UML. An “Out of Scope” section was added to the project proposal as a placeholder to be completed as review of deliverables is done and the scope is better defined.

Project Resources section was modified to include: eRoom, Web site, etc. (refer to document). Out of Scope section was removed. ATG1 agreed to forward the project proposal to full ATG for discussion and approval.

**DMR Review**

ATG1 was unable to perform a DMR review due to the absence of a properly audited and published D.02B set of directories. There have been a total of 11 DMRs from Japan, eBES, and the US as detailed below:

- 2 DMRs from Japan
- 5 DMRs from eBES
- 4 DMRs from AIAG (for JAMA, JAPIA and Odette)

The decision is to review these and other submitted DMRs at the March Forum meeting in San Diego.

Draft joint TBG-ATG Statement to CSG:

ATG was unable to perform the DMR review due to the absence of a properly audited and published D.02B set of directories and thus were unable to facilitate changes to the UN/EDIFACT directories that will fulfill the business requirements of the user communities. It is our understanding that the reason for the lack of a published directory is that a proper audit has not yet been completed.
TBG and ATG urge CSG to take the appropriate action to ensure the draft D.02B set of directories are audited and published as a matter of the utmost urgency. Failing to do so will not only prevent users from implementing their business needs, but it will cause a significant negative impact to the credibility of the organisation.

While discussing the final production flow and allocation of responsibility within the CEFACT Groups, we suggest that CSG make the necessary arrangements to utilise the experience of the former Directory Audit Team to expedite a solution to this problem in the quickest and most efficient way possible. Further, we trust that CSG will ensure the appropriate resources and procedures are in place for the expeditious and accurate production, audit and publication of D.03A and future directories.

* Highlighted sentence added at ATG Plenary prior to approval on 23 January 2003.

**Update of Mandate, Terms of Reference**
The group discussed the draft ATG Terms of Reference. Changes as modified in document cover the full ATG and will apply to each of its work groups.

**Update DMR procedures and templates**
Mr. Grangård started the group in an initial review of the most recent version of the Data Maintenance Request (DMR) Processing Procedures to begin discussion on modifying them to provide procedures for DMR requests for EDIFACT and XML syntaxes.

ATG1 reviewed the list of documents recommended for transfer to the new CEFACT groups as identified in the excerpt (below) from the Report of the UN/EDIFACT Working Group (EWG) to the UN/CEFACT Plenary of May 2002. After discussion of which groups should maintain ownership responsibility for these documents, the following group assignments and joint assignments were suggested (in blue text).

EWG recommends that the following documents shall transition to the new organisation

- **Message Design Rules V6** – unchanged (ATG1)
- **R.1023 V8** – unchanged (ATG/ICG)
- **DMR Procedures** – revision required (ATG/ICG/TBG)
- **MACH 1.2** – unchanged (ATG1) *Message and Code Handbook*
- **TAC** –
  - **TAC 7.5** – unchanged (ATG1)
  - **TAC for Modelled Messages 1.0** – unchanged (ATG1)
  - **TAC for Models 1.0** – unchanged (ATG)
  - **TAC for Core Components 0.1** – incomplete (ATG)
- **Entry Point procedures** – revision required (TBG16)
- **Document maintenance procedures** – revision req. (TBG16) *(Non-EDIFACT Directory-related documents)*
- **DMRDEF (D.00A), DMSTAT (D.00A) & DIRDEF (V3)** Message implementation guidelines – unchanged (ATG1)
- **EWG Glossary** – revision required (ATG/TBG/ICG/TMG/LG)
- **Directory Files** – unchanged (ICG)
- **ISO 9735 V3 & 4** – unchanged (JSWG)

**Review of DMR procedures.**
Project proposal: Library Maintenance Request Procedures.
Library Maintenance DMR Procedures Project Proposal review. The group reconciled inputs from Mrs. Pemberton and Mr. Frømyr to develop a single project proposal for DMR procedures. The document is posted on eRoom for full ATG review.

**R1023 Revision:**
The group reviewed R1023 v8 (on eRoom) to edit for necessary modifications into proposed R1023 v.9.

The source name on the cover page boilerplate for each of the published messages should be modified to refer to this new revision – version 9 of R1023. The revisions in R1023 v9 will be forwarded to Full ATG for approval and the ICG will be informed of the revision with notice of changes.

Action: Margaret Pemberton will develop the DMRs necessary to change the boilerplate reference to R1023 v8 to reference version 9 for each of the messages. Mrs. Pemberton will also write the DMR necessary to modify the database accordingly.

**Changes to the Directory per the ISO TC154 meeting review. – Margaret Pemberton**
Based on the review of discrepancies between the TDED and the TDID done by the members of TC154 at their meeting held the preceding week, a number of DMRs will be written to remove duplications and bring these directories into alignment. These were reviewed by the ATG1 and will be processed during the March Forum. A list of the proposed changes is attached.

**UN/CEFACT – UML to EDIFACT Transformation Rules Technical Specification**
ATG1 amended the scope of the project proposal for transformation rules explaining why the transformational need to be bi-directional. The following suggested text was inserted and forwarded to ATG for approval:

“The transformation rules must allow for bi-directional transformation, i.e. from UML to UN/EDIFACT to UML. This is needed to ensure compatibility with other syntaxes, such as XML. Note the intention of the transformation to UML is not to reverse engineer the UN/EDIFACT directories into models, although enabling this if a future need should arise.”

Mr. Grangård presented the five parts in EAN’s electronic business methodology used in transforming UML to EANCOM standards as an example for possible use in ATG’s UML to UN/EDIFACT transformation rules project. The overview included some basic principles in this process such as standard mapping rules on which UML information would be carried over to EANCOM format.

EAN and other industries use similar mapping methodologies in that they convert a UML model to a hierarchical model and then map these constructs to their counterpart EDIFACT constructs, i.e. segments, composites, and DEs. The group was provided an overview of the EAN Design Rules for transforming from UML models to UN/EDIFACT subsets.

The group also reviewed EAN’s transformation rules for XML, which include providing a defined sequence when generating the XML message from the UML model. Sequence of elements doesn’t exist in the model – question as to whether a sequence for XML elements should be defined in ATG’s transformation rules.

ATG1 developed a version 1 draft of the *UN/CEFACT – UML to EDIFACT Transformation Rules Technical Specification* based on the approved project proposal.

**Friday, 24 January 2003**
ATG1 reviewed the Workplan document for the work group making necessary revisions and additions. Significant changes include additions of:
Section 2 – Technical assessment
   Added 2.2 Update ATG tools

Section 3 – Standards production
   Added 3.2 TDED/TDID reconciliation

Sections 4 – Organisation and management:
   5.1 Workplan
   5.2 Internal work items
   5.3 Meeting schedule

Section 5 – Document editing and responsibility
   5.1 TA Checklist
   5.2 MACH
   5.3 R1023
   5.4 DMRDEF implementation guides
   5.5 DIRDEF implementation guides
   5.6 Glossary * added as an ATG Workplan item at ATG plenary

In addition to adding the Document editing and responsibility section and the Glossary document to the ATG Workplan, ATG1 proposes that Section 4 also be added to the integrated plan with the addition of “5.4 ATG Web site”. Descriptions, timelines, and priorities were updated for existing work efforts as well.

March ATG1 agenda preparation

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Adjournment

The chair thanked the participants for their work and particularly Mr. Cochran for taking the minutes. The meeting was adjourned at 1 PM the 24th January 2003.
Attachment 1: List of Suggested Changes to the Directory per the ISO TC154 Review

All of the below changes where agreed by ATG1, except where otherwise stated.

- Remove duplicate code in 5379 – *not true, there is a difference between code meanings*
- Replace 6417 by 6411, to delete 6417 and to renumber 6416 as 6410
- Renumber 1475 as 1003 with new name of message identifier – agreed with new name Message type code
- Change to square bracket link between 1438 and 7405/BU
- Amend 2005 code 7 effective from date – agreed plus add link to 2069
- Add ‘transport means’ to name of 2005 code 178 and matching change to the description; apply to other related codes too.
- Mark for deletion code GG from 3035
- Amend DE definition of 9308 to match new UNTDED definition and to mark for deletion 1153 code SN – agreed as amended, but no MFD
- Align the description of code 916 in 1001 with the new TDED 1010 including a square bracket reference and also align 1153 code ACD to match not agreed
- Mark code CO in 1153 for deletion as it duplicates ON agreed and change name of ON to Buyer’s order number.
- Add round bracket link between 1001 code 790 and 1030 and repeat this where appropriate to the other specific document identifier data elements
- Add direct link between 1153 ARO and 1212
- Change definition of 1153 code CU to match new definition for 1140
- Change definition of 1153 code ABI to match new definition for 1168
- Add round brackets semantic link from 1001 code 240 to 1174
- When we allocate a new number to the DMR to create the UCR reference we must raise a DMR to change 1153 code UCN to reference the new data element. Also we must remember to add the UNLK position of 1202 to the new UNTDED data element
- Add round brackets semantic link from 1001 code 315 to 1296
- Add round brackets semantic link from 1153 code AAG to 1132
- Add square brackets link from 7405 code ALG to 1420
- Add square brackets link from 2005 code 63 to 2025
- Amend note in 2005 code 69 to point to 2311
- Add square brackets link from 2005 code 123 to 2211
- Add square brackets link from 2005 code 131 to 2221
- Add square brackets link from 2005 code 257 to 2253
- Add square brackets link from 2005 code 342 to 2347
- Add round brackets link from 2005 code 50 to 2241
- Add square brackets link from 2005 code 329 to 2491 and fix description to match TDED
- Add square brackets link from 2005 code 361 to 2497 and fix description to match TDED
- Add square brackets link from 3227 code 2 to 3108
- Add data element 3197 for Agent Code put in the wrong bucket.
- Add square brackets link from 3035 code AW to 3234
- Add square brackets link from 3035 code SU to 3280
- Add round brackets link from 3227 code 34 to 3322
- Add round brackets link from 3227 code 33 to 3356
- Amend name of 3055 code AL to match new 3340
- Remove Customs from 3227 code 43 Remove “Customs” from the code and description. Agreed.
- Remove ‘and available for examination’ from 3227 code 14 to match the new UNTDED description
- Rename 3035 code CPE as Transport means master name propose to change “Vessel Master” to master” agreed but to Means of Transport and align description.
- Amend name and description of 3227 code 164 to match new TDED name and description Change description to align with TDED description.
- Change number of 3494 to 3480 and amend to the updated TDED description. Renumber DE to 3480 to align with TDED DE number. Agreed.
- Change 3292 to 3484 and amend to the updated description to Nationality of an object. Agreed.
- Add square brackets link from 3227 code 180 to 3486
• Change name of 3227 codes 178 and 179 to Place rather than port
• Mark for deletion of 4451 code AAH corresponding DE in TDED – 4034 is marked for Deletion. Agreed.
• Add square brackets link from 4451 code BLC to 4180
• Add square brackets link from 4451 code BLR to 4244
• Mark for deletion 6311 code ASW as it duplicates ACE in 6313
• Raise DMR to change name of code 4451 BLC to Transport document clause to match BLR and change description to “Clause on the transport document.” agreed.
• Raise DMR to add round brackets link from 4451 code ABE to 4260
• Raise DMR to add square brackets link from 4451 code ABD to 4422 and change ABD name and description to match new UNTDED entry
• Raise DMR to add round brackets link from 4451 code BLR to 4244
• Raise DMR to add round brackets link from 4451 code ABC to 4490
• Raise DMR to add square brackets link from 5025 code 151 to 5011
• Raise DMR to add round brackets link from 5025 code 52 to 5014
• Raise DMR to add square brackets link from 5025 code 22 to 5017
• Raise DMR to change round brackets to square brackets link to 5032 in 5025 code 40
• Raise DMR to change round brackets to square brackets link to 5036 in 5025 code 44
• Raise DMR to change bracketed link in 5245 codes 1, 2 and 3 from 5424 to 5044
• Raise DMR to add round brackets link from 5025 code 503 to 5060
• Raise DMR to add round brackets link from 5025 code 174 to 502014
• Raise DMR to add round brackets link from 5025 code 503 to 5060
• Raise DMR to add round brackets link from 6303 code 21 to 6024
• Raise DMR to add square brackets link from 6303 code 49 to 6110
• Raise DMR to add round brackets link from 6245 code 1 to 6240
• Raise DMR to add round brackets link from 6245 code 2 to 6242
• Raise DMR to change name of code 6313 code AAW from Gross volume to Observed volume remove “Observe” from the descriptions of AAW and AAX. Agreed as modified
• Raise DMR to add square brackets link from 4451 code AAD to 7254
• Raise DMR to add square brackets link from 4451 code AAC to 7488
• Raise DMR to delete code BT from 1153 as 7143 code NB should be used instead
• Raise DMR to add square brackets link from 7143 code TGC to 7424
• Raise DMR to add square brackets link from 4451 code TDT to 8012
• Raise DMR to add square brackets link from 3227 code 147 to 8042 and update name and description to match new UNTDED entry
• Raise DMR to add square brackets link from 3227 code 96 to new 3265 (Declaration Customs office location code)
• Raise DMR to add round brackets link from 5245 code 9 to new 5510
• Raise DMR to add square brackets link from 3035 code MF to new 3513
• Raise DMR to add round brackets link from 1153 code ATZ to new 1098
• Raise DMR to add square brackets link from 2005 code 253 to new 2043