Meeting Participants:
Mr. Anders Grangård
Mr. Bernd Bösler
Mr. Tim Cochran
Mr. Alain Dechamps
Mr. Dany De Zutter
Mr. Kazuhiko Wakaizumi
Mr. Per Ole Johansen
Mr. Per Kiilsholm

Agenda:

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**Tuesday**
1. ATG1 Agenda
2. Minutes of previous meeting
3. Data Maintenance Request (DMR) Review
4. D.E. 3483, Religion code
5. Review directory audit report
6. Update DMR procedures and templates
7. Review Library Content Management work flow

**Wednesday**
1. UML to EDIFACT Transformation Rules project
2. nXg/Edifact

**Thursday**
1. UML to EDIFACT Transformation Rules project
2. nXg/Edifact

**Friday**
1. Response to directory audit report
2. Update Message Design Rules
3. Update Technical Assessment Checklists
4. Update workplan & issues list

**Opening of the meeting**
Mr. Anders Grangård, Chair, convened the ATG1 meeting at 9:30 following the close of the Tuesday morning ATG Plenary. Mr. Grangård welcomed the participants to the Seoul ATG1 meeting. The chair asked if Tim Cochran would take the minutes for the ATG1 meeting and he accepted.
ATG1 Agenda
The first order of business was the review of the ATG1 agenda for the week. The agenda was modified as described above and approved by the group. An anticipated schedule for the agenda items was also decided upon as noted.

Minutes of previous meeting
The minutes from the 15-19 September Walldorf ATG1 meeting were reviewed. The agenda for the September meeting was looked at to ensure that no items or issues had been left off of this meetings agenda. There were none. The dispositions of the four DMRs that were reviewed in Walldorf were verified per the discussion of their respective statuses the previous day. They were reiterated as follows:

1. UN-03-00351 – AS-2002-0010 submitted by the Japanese Automobile Manufacturers Association (JAMA) and requests the addition of a code to DE 1001, used in C002 in the BGM segment in the DESADV message. Code requested for Rejected – DMR has not been approved Need further explanation.


3. UN-03-00353 – AS-2003-0005 submitted by Japan Association for Simplification of International Trade Procedures (JASTPRO) for addition of a code to DE 3055 for the JASTPRO organisation. The suggested code definition addition was JT’d and modified as follows: ‘JASTPRO is a non-profit organization for simplifying international trade procedures and is the responsible agency for the registration of the Japan Export and Importers Stand Code’.


The minutes were approved as written.

DMR Review

TBG3 Transport
UN-03-00362 – EB2003-3417 adding a new code ‘TCR’ Transport capacity responsible party to DE 3035 with description “Party responsible for transport capacity.” Approved.

UN-03-00363 – EB-2003-3418 adding a new code ‘240’ Climate Zone to DE 3227 with description “a geographical area where the climate has common characteristics.” JT’d.

UN-03-00364 – EB2003-3419 adding new code ‘A’ KWh/m3 (kilo Watt hour per cubic metre) with description “An energy factor expressed as kilo Watt-hour per cubic metre”. JT’d.

UN-03-00365 – EB2003-3420 adding new code KWh/K (kilo Watt-hour per Kelvin) with description “An energy factor expressed as kilo Watt-hour per Kelvin.” Approved as modified. JT’d.

UN-03-00366 – EB2003-3421 adding new code ‘9’ Measurement Classification with description “The status is related to the categorization of measurement.” Approved as modified. JT’d.

TBG4 Customs

UN-03-00355 – AS-2003-0006 increases the repetition value for the DGS Dangerous Goods segment from 9 to 99 in the CUSCAR message. Approved.

TBG3 Transport

UN-03-00367 – EB-2003-3422 adding a new code ‘XXS’ Terminal operator’s consignment reference to DE 1153 with description ‘Reference assigned to a consignment by the terminal operator.’ Approved as modified. JT’d.
UN-03-00368 – EB-2003-3423 adding code ‘XXT’ Transport instruction number to DE 1153 with description ‘Reference number identifying a transport instruction.’ Approved as modified. JT’d.


UN-03-00370 – EB-2003-3425 adds a number of segments to the IFTSTA message. Adds the GDS segment below the FTX segment as conditional, repeat of 9 the FTX segment in segment group 14. Approved as written. (Fill in detail on proposed additions)

UN-03-00371 – EB-2003-3426 adding code ‘02S’ Logistics order to DE 9015 with definition ‘The status is related to an instruction to perform a logistics operation.’ Withdrawn.

UN-03-00372 – EB-2003-3427 adding code ‘01S’ Expected delivery’ to DE 4405 with description ‘The consignment which is/was expected.’ Also, add as code tag to Recommendation 24. Approved as modified. JT’d.

UN-03-00373 – EB-2003-3428 adding code ‘03S’ Measured to DE 4405 with definition ‘The referenced item has been measured.’ Approved as modified. JT’d.

UN-03-00374 – EB-2003-3429 adding code ‘04S’ Ready for loading to DE 4405 with description ‘The referenced item is ready for loading’. Approved as modified. JT’d.

UN-03-00375 – EB-2003-3430 adding code ‘99S’ Direct delivery (transport) to DE 4405 with description ‘Document/message ordering the direct delivery of goods/consignment from one means to another means of transport in one movement. Approved as modified. JT’d.

UN-03-00356 – AS-2003-0007 adding an RFF segment to the CODENO message between the TDT and DTM segments in segment group 2 as conditional with repeat of 9. ATG1 suggestion to move the added segment to position 0101, following the DTM segment within segment group 2 to be consistent with other container messages. Approved as modified. JT’d.

UN-03-00357 – AS-2003-0008 adding an RFF segment to the COPINO message between the TDT and DTM segments in segment group 2 as conditional with repeat of 9. ATG1 suggestion to move the added segment to position 0501, following the DTM segment within segment group 12 to be consistent with other container messages. Approved as modified. JT’d.

UN-03-00358 – AS-2003-0009 adding an RFF segment to the COSTOR message between the TDT and DTM segments in segment group 2 as conditional with repeat of 9. ATG1 suggestion to move the added segment to position 0101, following the DTM segment within segment group 2 to be consistent with other container messages. Approved as modified. JT’d.

UN-03-00359 – AS-2003-0010 adding an RFF segment to the COHOAR message between the TDT and DTM segments in segment group 2 as conditional with repeat of 9. ATG1 suggestion to move the added segment to position 0251, following the DTM segment within segment group 5 to be consistent with other container messages. Approved as modified. JT’d.

UN-03-00360 – AS-2003-0011 adding code ‘UXX’ Reefer connection order to DE 1001 Order to cone a reefer container to a reefer point.’ Approved.

**Data Element 3055, Code list responsible agency code**

The data elements 1131/3055 are used to reference code lists maintained outside the Standard by industry groups, lists originally deemed too large and domain-specific to be managed by UN/CEFACT. Corporations can and have been using codes specific to their companies/industries prior to those codes being submitted for inclusion in the Standard.

Discussion in ATG1 does not appear to allow inclusion of commercial companies. If this is the case a new DMR should be made to clean up the 3055 code list by removing these commercial companies. This DMR had not been submitted prior to the meeting, so was only discussed by ATG1 for opinion. Need a general discussion within ATG1 and likely full ATG on what the 3055 code list is to be used for, or what are the criteria for what gets put into 3055. Currently there are no rules on who may submit a code to this list. However, Bernd informed that a document with rules or guidelines was
produced a number of years ago but never published. He would try to find this document and circulate it to the group.

Bernd Bösler will create a new DMR and submit to the eBES TCG and this will be reviewed by ATG1 in January.

**Data Element 3483, Religion name code**

DIN had created DMRs to add codes to the data element 3483 Religion name codes, which currently is empty. The EBES technical assessment group, TCG, rejected all 170 related DMRs with a suggestion to use 1131/3055. DIN felt that this would lead to non standardised use of the data element and sought ATG1 advice on how to proceed. The group suggested that a list of the most common religions should be created and that smaller ones are handled with 1131/3055. Further the suggested definitions should be changed and simplified.

**nXg/Edifact**

This work item is not a project for a technical specification at this point but rather a white paper of the future direction of EDIFACT to get reactions from the other participants

The group conducted an analysis to determine if the nxg/Edifact proposal would require a new version of the UN/Edifact, ISO9735. If we wish to introduce “XMLish”Data types and Min occurs, Unbound the answer is yes. Also if we feel that additional/multiple character sets are required, although the group feels that only UTF8 should be allowed.

Identify alpha character ASCII compared with non-ASCII alpha

Note: Using CCTS may mean that the above do not impact the syntax.

A similar impact analysis was done on the Boilerplate. One change that could be of interest is to introduce UML artefacts, such as use case diagrams, class diagrams, sequence diagrams and activity diagrams. It was also felt that more example should be used as well as samples, i.e. text descriptions of messages.

Finally an impact analysis was made on ISO7372, UNTDED. Changes could be required if there is a need to extend data element tags to five positions (also affecting r.1023).

**UML2EDIFACT Transformation**

Mr. Wakaizumi gave a presentation of the UML2EDIFACT Transformation project that is being run in Japan. The aim is to create rules for mapping of similar terms across CCTS, UML and EDIFACT.

The requirements for the projects are:
1. No impact to the EDIFACT Syntax rule.
2. No need to replace EDIFACT translator.
   - Only mapping tables should be modified.
3. Automatically generation.
   - Independent from who generate the EDIFACT message.

The project is working with a short and long term solution. For the first, the project feels that a number or restrictions to the design of Edifact messages may be required in order to meet the objectives above. Example: How can we assign “data element tag”? Assigning tags may not be necessary, but rather a mapping from the EDIFACT data elements to the core components. The data element tags are really simply references to the corresponding components.

For the long term solution the project is looking at creating directories that are following Core Components Technical Specification. This would mean:

- Only 44 kinds of simple data elements.
  - CCT Content & supplementary components
Only 10 kinds of composite data elements.
  - CCT
Many kinds of segments from object classes (without any aggregation).
  - ISO7372MA defines more than 400 of object classes.
Many kinds of segment groups from object classes (with some aggregation).

**XML based XML/EDI interoperability**

Jef Barrett presented the UML to EDIFACT project within Amadeus. The purpose is to be able to provide the same message in both syntaxes. This will only use the Edifact syntax and not the contents of the directories. The segments, elements, etc, will be directly based on the XML payload.

The assumption is thus that only new messages will be developed. TBG will define list of core components, which would go to ATG. Developers might ask that the work result in either an EDI or an XML message. Rather, the message should be done in BOTH syntaxes, not one or the other. This is suggested to result in a new XML message and a corresponding next gen EDI message, which would be able to be generated via a new tool into Nxg Edifact messages. As opposed to creating a corresponding ‘old’ EDI message.

Jef proposed developing a project proposal for development of rules for transformation between UML and the current syntax (9735). Geoff will work on the project proposal to forward to ATG1 and full ATG for discussion and vote on e-room. Mr. Grangård is also able to forward this to the FCT for discussion on their regular conference call. If approved work will be able to be started interim to the ATG meetings.

Proposal (Jef) UML to current syntax should specify the EDIFACT directory not 9735 which this implies. Change to UN/EDIFACT Standard.

**Mapping XML to EDIFACT XML based SML/EDI interoperability**

Map the data element in EDIFACT to the core component. Difficulty remains in mapping the segment and notion of segment group. Need to make it feasible for this group to do both XML and EDIFACT messages.

Important to move past the three-character limit for segment tags in EDIFACT. Expand this to something fully understandable in an expanded form and a corresponding ‘short form’ of this that could be used in EDIFACT messages or messages that do not require human-readability.

**Review directory audit report**

Mr. Grangård spoke with the chair of ICG regarding that group’s response to the audit comments provided to ICG by ATG from the Walldorf meeting. No response is available at this time.

**UML to EDIFACT Transformation Rules Project**

To date, the only submission of examples for transformation rules to ATG1 has been made by EAN. This submission is being used as the basis for beginning work by the project team. The status of the document is approved by the Project Team for internal review with distribution of the draft document limited to ATG project teams.

Discussion of whether this piece of the approved project proposal, that is the UML to EDIFACT transformation rules, may be approved and published prior to completion of the other one or two sections for rules. These sections are the UN/EDIFACT to UML rules and the Context Application Rules to UN/EDIFACT.

The documents included in the scope of the approved project may alternatively be published as separate sections in a single document of UML transformation rules, or as two or three separate
documents each with specific rules. The current title of the document is UML to UN/EDIFACT Transformation Rules and with a modification to section 2.3 – Summary of Contents of Document; this document can be limited to only the UML to EDIFACT rules. The ATG1 members will review the document and provide suggestions as to whether the alternative to separate the pieces of the project into separate documents is the desired direction.

The project could result in changes to Message Design Rules and Technical assessment checklist.

**Message Design Guidelines**

Bernd brought to the group’s attention that the document Message Design Guidelines is missing in the list of ATG1 documents under review. This document is a complement to the Message Design Rules. Bernd will bring it to the January meeting.

**Intersessional ATG1 work**

If there is a requirement to discuss work items between physical meetings, we will set up conference calls for ATG1.

Tentatively set for 8:00 am EST, 1:00 pm GMT Friday, October 24, 2003. Tim can set up a webex and teleconference bridge.

**Next ATG1 meeting**

The next meeting will be held 19 - 23 January 2004.

**Adjournment**

The chair Mr. Grangård thanked the participants for a productive week and adjourned the meeting so the group could participate in the full ATG Closing Plenary.