

**Minutes of the Technical Advisory Board for Mechanical Environments of the
Confederation for European Environmental Engineering Societies
Held on 7th October 2010 at Interlaken, Switzerland**

Present at the Meeting of the Technical Advisory Board for Mechanical Environments (TABME) were;

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| Dr Ulrich Braunmiller | GUS |
| Mr Ueli Grossen | SSEE |
| Mr Göran Jansson | SEES |
| Mr Markku Juntunen | KOTEL |
| Mr. David Richards | SEE (Chairman) |
| Mr Thomas Trost | SEES |
| Dr Karl Zieghan | GUS |

Apologies were received from Thomas Trost and Dr Harri Kristof

Matters Arising

As usual a list of TABME members, including corresponding members, this list is attached to the minutes as Attachment No 1.

CEEES Website – TABME Content

The reminded the group that much of the information previously discussed was now on the website. However, the group were remained that new information or suggestions was also welcome.

Systematisation of Measurement Methodologies

STANAG 4370. The Chairman reported that the NATO group responsible for STANAG 4370 was meeting the same time as the CEEES meeting in Bristol, UK. As previously reported the UK had re-written the US originated AECTP 2410 and for inclusion in the UK Def Stan. Apart from rectifying some of the significant shortcoming to the AECTP, the UK version also corrects the errors with regard FDS. The basic content and rationale for the UK document were presented to the group. The UK had also prepared a standard extending the basic approach for tracked vehicles. This is also intended for inclusion in Def Stan 00-35.

Def Stan 00-35. The chairman reported that work on issue 5 of Def Stan 00-35 continues within the UK. Work on various Part 5 chapters – setting out the environments for transport & deployment were underway.

IEC TC104. The chairman reported on a meeting of IEC TC104 that had occurred in May 2010 in Frankfurt. The meeting of WG15 (the mechanical environments working group) had addressed comments on the road, rail and jet aircraft transport environments. These were planned for publication shortly.

CEN Workshop 10, Expert Group 8. The chairman reported that phase 3 of the CEN workshop, recommending standards for European Defence Procurement, was progressing. The work of Expert Group 8 (environmental testing) was around half complete with completion scheduled for December 2010. Unlike the earlier phase, the expert group was addressing both procedures and fallback severities.

CEN TC 261 SC5 WG14 – Test Methods & Test Schedules. Karl reported that the European (CEN) work was at an end. The parallel ISO standard is also nearing completion, although, a danger exists that the ISO Standard may not be able to replace the CEN standard.

Topics for Future Consideration

e-Document of Environmental Engineering. A tentative proposal was made to combine a version of the SEES environmental testing handbook with the CN EG8 report. Following the discussion at earlier meetings, GUS were setting up a website with examples of environmental engineering. .

Vibration Test Round Robin. Previously the TAB considered the possibility of a testing round robin. This will be addressed further at the next meeting.

Virtual Testing. Prior to the TABME a discussion had occurred, as part of the BEST Product EUREKA project on Virtual Testing. Markku had followed that earlier meeting with a presentation to the TABME on validation & verification of numerical simulations and physical environmental testing.

Any Other Business

A possible topic of discussion suggested for the next meeting was environmental loggers.

Next Meeting

The date of the next meeting of the TABME is planned for Thursday 17th February 2011 in Mechelen, Belgium.

Attachments

- 1 Names and Addresses of TAMBE Members

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