



Synopsis on the actions and decisions arising from the 8th meeting of CCAUV 2012

The Consultative Committee of Acoustics, Ultrasound and Vibration (CCAVU) met from 13 to 14 June 2012 at the BIPM headquarters. The meeting started with oral presentations of specific topics concentrating on current trends in the AUV field. The work issued by the associated Working Groups was reported, activities carried out in the RMOs and the NMIs were communicated and particular questions concerning present and future planned key comparisons were discussed.

In particular, the main outcomes of the CGPM *ad hoc* working group were summarized, and the needs for a strategic planning process were emphasized. A document on the future needs of metrology in the AUV field is already available but needs updating. For this reason, a strategic project and survey has already been initiated. A draft of the AUV strategy, presented in a common format with other Consultative Committees, is expected in late 2012.

The essential actions and decisions arising from the 8th meeting of CCAUV 2012 are summarized below.

Actions

- CCAUV8/A1. **All participants** to consider if they have further inputs to the strategic planning process, to complete the pro-forma questionnaire circulated by SPWG, and return to Bajram Zeqiri, by **12 July 2012**.
- CCAUV8/A2. **SPWG Chairman** to identify experts from within the CCAUV to collate responses from each of the areas, then SPWG to compile and publish a Strategy document, by **12 December 2012**.
- CCAUV8/A3. **All participants** capable of providing quality system peer review services to complete the pro-forma document available on the CCAUV website and submit to the Exec. Sec. for including in the technical assessor database. **Ongoing**.
- CCAUV8/A4. **NIM** to prepare a questionnaire to gather input on the scope of a protocol for a future CCAUV key comparison on low frequency calibration of accelerometers, by **12 September 2012**.
- CCAUV8/A5. **NPL** to prepare a questionnaire to gather input on the scope of a protocol for a future CCAUV key comparison on free-field calibration of hydrophones, by **12 September 2012**.
- CCAUV8/A6. **NPL** to prepare draft protocol for a new CCAUV key comparison on free-field calibration of ultrasonic hydrophones, by **12 December 2012**.

CCAUV8/A7. Any participant interested in attending the BIPM Workshop on *Challenges in Metrology for Dynamic Measurement* (15-16 November 2012), to liaise with their institute Director on availability of further places.

Decisions

CCAUV8/D1. Terms of reference for the KC and RMO CCAUV working groups were approved by the CCAUV.

CCAUV8/D2. Appointment of Chairmen for two of the three CCAUV working groups were approved by the CCAUV:

Bajram Zeqiri (NPL) will continue to chair the SPWG
Thomas Bruns (PTB) will continue to chair the KCWG

CCAUV8/D3. CCAUV agreed that all documents for circulation (e.g. questionnaires, approved protocols, reports) shall be passed to the CCAUV Executive Secretary for distribution to appropriate recipients.

CCAUV8/D4. CCAUV agreed that completed EURAMET.AUV.V-K1.2 shall retain its designation even though the results will not be linked to the KCRV (being superseded by pending data from CCAUV.V-K2).

CCAUV8/D5. The proposal that Ian Veldman (NMISA) shall henceforth act as the liaison between ISO TC108 and CCAUV, was approved by CCAUV and the decision will now be proposed to ISO TC108.

CCAUV8/D6. The presentations of selected research topics at the start of the meeting were considered successful and this feature should be retained for the next CCAUV meeting.

CCAUV8/D7. The listing of CMCs is now divided into three separate parts: “sound in air”, “sound in water” and “vibration”, to facilitate the handling, approved by the CCAUV.

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