

CCAUV/19-05.4

12th CCAUV

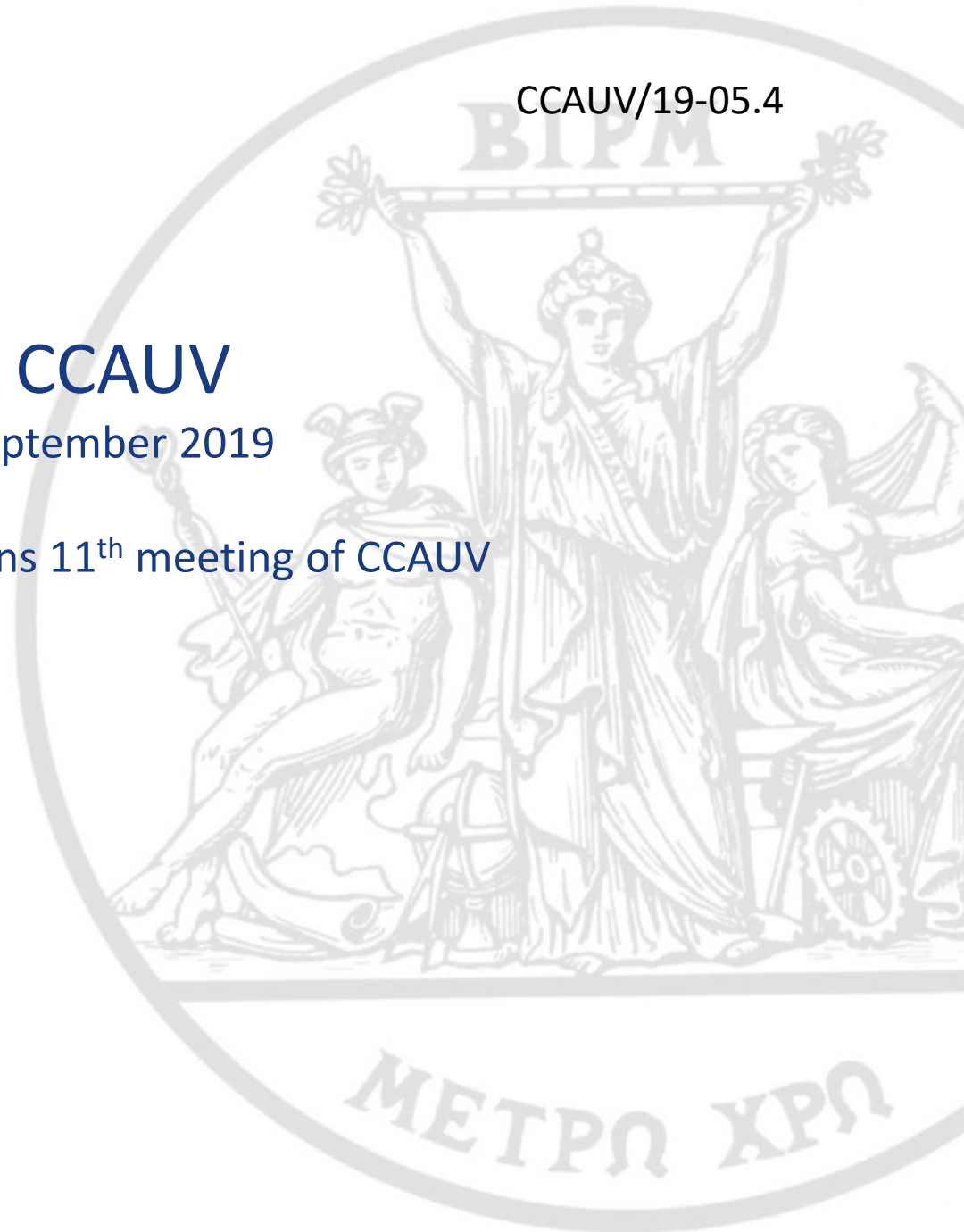
26-27 September 2019

Actions and Decisions 11th meeting of CCAUV

Gianna Panfilo

BIPM, Sèvres, France

Bureau
♦ **I**nternational des
♦ **P**oids et
♦ **M**esures



Actions and Decisions - 1

Actions of the 11th meeting of CCAUV

CCAUV11/A1 An *ad hoc* group composed of RMO TC Chairs will discuss and make a decision on the way units used in the AUV field are presented on the KCDB and will provide feedback to the BIPM KCDB office by the end of October 2017.

KCDB / information on units

10



Takashi USUDA

Thu 10/26/2017 2:20 PM

Gustavo P Ripper <gripper@inmetro.gov.br>; gpanfilo@bipm.org; lavib <lavib@inmetro.gov.br> +5 others



Units for AUV as of 20171019...
13 KB

Dear RMO TC Chairs,

Last week, I met Susanne Picard who is the KCDB manager and talked about unification of units employing attached sheet (grayed out cells shall be checked, modified or corrected). She told me there is no problem from KCDB manager's point of view.

Please check the attached file on your end.

As I noted in my previous e-mail, I think in principle, reference level should be specified and it follows relevant IEC/ISO document if available, abbreviation or short form should be avoided thus if you mean "reference", it should be "reference" but not "re".

Please let us know if you have further comments.

Regards,

Actions and Decisions -2 and 3

CCAUV11/A2 CCAUV President, Dr Usuda, to present the CCAUV positions regarding the CIPM MRA review and redefinition of the SI units to the CIPM.

CCAUV11/A3 CCAUV President, Dr Usuda, to present the CCAUV position regarding the SI Brochure to the CIPM.

Done at 106th CIPM in 2017

Dr Usuda summarized the implications of the review of the CIPM MRA for the CCAUV. He finished his presentation by informing the CIPM of the CCAUV's opinion on the revision of the SI and 9th SI Brochure. The future revision of the SI does not have an immediate impact on acoustic, ultrasound and vibration metrology; however it will underpin future requirements for increases in accuracy. A coherent metric system among the mechanical and electro-magnetic quantities is indispensable for improving MEMS sensor calibrations. With these considerations, the CCAUV strongly welcomes the future revision of the SI and the agreed timetable. He remarked that the logarithmic scales, the 'neper' and the 'bel', had been used in a specific technical area. The CCAUV welcomes the draft 9th edition of the SI Brochure, which includes these non-SI units, as accepted for use with the SI Units in Table 8 of the brochure. He added that it is advisable that the conventional value of g_n (standard acceleration due to gravity) associated with the declaration at the 3rd CGPM (1901) be mentioned in Appendix 1.

And at 107th CIPM in 2018

He presented the current situation of the implementation of the CIPM MRA with regard to the CCAUV. There is no significant work in progress for reviewing current CMCs but plans are to pursue a risk-based assessment approach towards reviewing them in the future. The planning process for key comparisons (KCs) involves careful deliberation to optimize the resource requirements needed to respond to the needs of the CCAUV's stakeholders. Some mature KCs have reached the stage where repeats of CC KCs, normally in a 10-year cycle, are being conducted to assess them as well as to extend their calibration range.

Actions and Decisions – 4

CCAUV11/A4 CCAUV RMOWG to finalize the work on service categories and CCAUV President, Dr Usuda, to consult with relevant CCM WGs about services in dynamic force and pressure.

Done dated 2018 June 20

Wed 6/20/2018 8:28 PM
Philippe.Richard@metas.ch; fang@bipm.org; gpanfilo@bipm.org

Dear Gianna,

This is to let you know that CCM President officially approved our proposal.

Please go ahead.

Takashi

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From: 臼田孝
Sent: Monday, June 18, 2018 11:34 PM
To: Philippe.Richard@metas.ch
Cc: fang@bipm.org; gpanfilo@bipm.org
Subject: Re: FW: Service category for dynamic force

Dear Philippe,

Attached is the latest version of the new service category of CCAUV.
As you advised in your e-mail dated January 22, it has been scrutinized by Rolf Kumme (Chairman of CCM WG on Force and Torque) and our representative of WG Thomas Bruns both at PTB.
I think it can be published if both President (you and I) agree.

Takashi

Thank you very much for
your attention

gpanfilo@bipm.org



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