APMP TCAUV Activity Report
2013

Qiao SUN
the 9th CCAUV meeting
30-31 Oct 2013
BIPM
15 Members:

• **12 Full Member Economies**
  Australia, China, Chinese Taipei, Hong Kong China, India, Indonesia, Japan, South Korea, Malaysia, Singapore, Thailand and Vietnam

• **3 Associates**
  Egypt, Fiji and South Africa

• Qiao SUN (Joe), NIM, China
  TCAUV Chair, GA 2011-2014
# CMCs in AUV

<table>
<thead>
<tr>
<th>No.</th>
<th>Economy</th>
<th>Laboratory</th>
<th>Before 2013</th>
<th>Up to date</th>
<th>A</th>
<th>W</th>
<th>V</th>
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<td>23</td>
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<td><strong>267</strong></td>
<td>169</td>
<td>3</td>
<td>95</td>
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</table>
Inter-RMO review

- EURAMET.AUV.2.2012 published
- APMP.AUV.10.2012 published

Though rejected on the first round.

Note: RMO supplementary comparisons can be used as direct supporting evidence, only after approved by KCWG and published by JCRB, as stipulated in the latest version of CIPM MRA-D-05, June 2012.
Comparisons

- **CCAUV.A-K5** *in progress*
  with KRISS, NIM and NMIJ as participants (3).

- **CCAUV.U-K3** *Draft A*
  with KRISS, NIM, NMIA and NPLI as participants (4).

- **CCAUV.V-K2** *Draft A*
  with KRISS, NIM and NMIJ as participants (3).

- **CCAUV.V-S1** *in progress*
  with KRISS as participant (1).
Comparisons

• APMP.AUV.A-S1  
  Draft B
  with NMC A*STAR, CMS, KIM-LIPI, KRISS, NIM, NIMT, NIS, NMIA, NMIJ, NMISA, NML-SIRIM, NPLI and SCL as participants (13).

• APMP.AUV.V-K1.1  
  Draft B
  with NMC A*STAR, CMS, NIMT and NMIJ as participants (4).

• APMP.AUV.V-S1  
  Published
  with CMS, KRISS, NIM, NIMT, NMIA, NMIJ and NMISA as participants (7).
Comparisons

- **APMP.AUV.A-S1** with NMC A*STAR, CMS, KIM-LIPI, KRISS, NIM, NIMT, NIS, NMIA, NMIIJ, NMISA, NML-SIRIM, NPLI and SCL as participants (13).

**Recommendation TCAUV12-1:** The 12th TCAUV meeting recommended that NMIs involved in the comparison should send emails about their decisions to TC chair before Dec 15, 2012 whether APMP.AUV.A-S1 comparison is just for a strategic purpose or as CMC supported evidence. If for the latter, a task force should be organized by technical volunteers for the major revision of Draft B report.

**Actions**
- **NIMT, NMIA, NIM** and **CMS** work together for a new report which will meet the basic technical requirements from KCWG,
- all the information and material shared within this team,
- Dr. Andrew Scott is responsible for the drafting work of the new report and others assist him actively and make their input as well.
 Comparisons

• APMP.AUV.A-P1  \textit{in progress}  \textit{Sound level meter in the free field} with KRISS and NIM as participants (2).

• APMP.AUV.A-P2  \textit{Draft A}  Multi-frequency acoustic calibrator with NMC A*STAR and DPLA as participants (2).

• APMP.AUV.V-P1  \textit{in progress}  \textit{Shock acceleration} with CMS, NIM, NIMT, and SPEKTRA as participants (4).

\textit{Note}: 1. usually close-related to previous TC initiative projects completed. 2. the chance to try something new.
APMP TC Initiative Projects

TCAUV Project 2013

- Research on technique for Artificial Mastoid Comparison with NIM and NMIA as participants. (US$ 5000)
Thank you!

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