

CCT WG 8: Calibration and Measurement Capabilities

Report to the CCT

May 2014

WG8 members:	Efrem Ejigu	AFRIMETS
	Hans Liedberg	AFRIMETS (resigned 2014)
	Yong-Gyoo Kim	APMP
	Juntaro Ishii	APMP (term ended 2013)
	Anatolii Pokhodun	COOMET
	Andrea Peruzzi	EURAMET
	Ofelia Robatto	SIM
	Greg Strouse	Chair, SIM

Terms of reference:

- to establish and maintain lists of service categories and, where necessary, rules for the preparation of CMC entries;
- to agree on detailed technical review criteria;
to coordinate and, where possible, conduct inter-regional reviews of CMCs submitted by RMOs for posting in Appendix C of the CIPM MRA;
- to provide guidance on the range of CMCs supported by particular key comparisons;
to examine the sufficiency of existing comparisons for supporting CMC submissions and to recommend new comparisons where deemed necessary; and
- to coordinate the review of existing CMCs in the context of new results of key and supplementary comparisons.

Working Group 8 is tasked to continue with the creation of CMC review protocols and the review of fast-track CMC submissions for inclusion in Appendix C, along with the identification of new comparisons needed to support CMC submissions.

2012 (post 26th meeting) – Approved CMCs

- APMP
 - APMP.T.6.2012 (temperature) – Korea (8), Japan (10), Singapore (15)
- EURAMET
 - EURAMET.T.10.2012 (humidity, temperature) – Austria (2), Croatia (3), Finland (5), France (11), Germany (22), Hungary (8), Netherlands (3), Norway (8), Serbia (16), Slovenia (3), Sweden (19), United Kingdom (4)

- EURAMET.T.11.2012 (temperature) – Italy (2)

2013 – BIPM Best Practices in CMC Reviews Workshop (18-19 March 2013)

Andrea Peruzzi gave a talk on how the CCT WG8 CMC review protocols, review methodology, and the history of WG8.

2013 – Approved CMCs

- AFRIMETS
 - AFRIMETS.T.4.2013 (humidity) – South Africa (1)
- APMP
 - APMP.T.7.2013 (temperature) – Vietnam (4)
 - APMP.T.8.2013 (temperature) – Korea (15)
 - APMP.T.9.2013 (temperature) – Thailand (8)
- COOMET
 - COOMET.T.8.2013 (temperature) – Belarus (6), Cuba (8), Kazakhstan (5), Ukraine (11)
- EURAMET
 - EURAMET.T.12.2013 (temperature) – Austria (7), Belgium (8), Croatia (3), Czech Republic (5), Denmark (5), France (14), Germany (8), Greece (7), Hungary (2), Ireland (9), Italy (1), Lithuania (5), Netherlands (8), Norway (7), Poland (4), Portugal (8), Romania (7), Serbia (8), Slovenia (8), Slovakia (7), Spain (13), Sweden (6), United Kingdom (12)
 - EURAMET.T.13.2013 (temperature) – Germany (5)
 - EURAMET.T.14.2013 (temperature) – France (13), Germany (13), Spain (4)
- SIM
 - SIM.T.7.2013 humidity, temperature) – Canada (1), Costa Rica (8), Peru (43), United States of America (8)

2014 – Approved CMCs

- COOMET
 - COOMET.T.9.2014 (temperature) – Georgia (9)
- EURAMET
 - EURAMET.T.15.2014 (temperature) – Bulgaria (8)
 - EURAMET.T.16.2014 (humidity, temperature) – Estonia (4), Finland (5), Greece (3), Netherlands (13), Slovenia (5), United Kingdom (3)
- SIM
 - SIM.T.8.2014 humidity, temperature) – Canada (10)

CCT WG8 Agenda – 27th CCT Meeting (2014)

19 May 2014 1400 h to 1800 h Petit Pavillon (small room)

WG8 members:	Efrem Ejigu	AFRIMETS	Yong-Gyoo Kim	APMP
	Anatolii Pokhodun	COOMET	Andrea Peruzzi	EURAMET
	Ofelia Robatto	SIM	Greg Strouse	Chair

1. RMO status reports (5 min each)
2. Outstanding CMCs under review
 - a. EURAMET Radiation (Norway and Netherlands)
3. New CMCs to submit
4. CMC review process
 - a. Clarification of inter-RMO review process
 - b. Unification of the description of ‘Instruments or Artifacts’ and ‘Instrument Type or Method’ (APMP)
5. Outstanding CMC review protocols
 - a. Laser flash thermal diffusivity
6. New CMC review protocols
7. Changes to current CMC review protocols
 - a. Device under test uncertainties
 - b. Comparison participation
 - i. Key comparison reach into industrial CMCs
 - ii. Commensurate with the level the NMI needs to achieve
8. CCT-CMC Questionnaire
9. New Key Comparisons
10. WG8 Report to CCT
11. Membership changes (if any)