



REPORT

Joint Committee for Measurement Standards

No TC	Meeting data	Place
TC 1.1 “GM”	13.06.2017	St.Petersburg, Russia
TC 1.2 “AUV”	5-6.09.2017	Vilnius, Lithuania
TC 1.3 “EM”	03-04.10.2017	Minsk, Belarus
TC 1.4 “Flow Measurement”		
TC 1.5 “L”	May, 2017	Sarajevo, Bosnia and Herzegovina
TC 1.6 “M”		
TC 1.7 “PR”	15-16.08.2017	St.Petersburg, Russia
TC 1.8 “Physico-chemistry”	22-23.05.2017	St.Petersburg, Russia
TC 1.9 “Ionising Radiation and Radioactivity”	3-5.05.2017	Gavana, Kuba
TC 1.10 “Thermometry and Thermal Physics”		
TC 1.11 “Time and Frequency”	22-23.05.2017	Mendeleevo, Russia
TC 1.12 “Reference Materials”	12-13.09.2017	Kazan, Russia

MSJC Meeting , 25.04.2017

- **Reports of technical committees TC1.1-TC1.12**
- **Program of comparisons of standards of national metrological institutes of COOMET:**
 - **Current status of COOMET comparisons**
 - **On the development of a new version of COOMET Document R / GM / 11: 2010 " Regulations for comparison of measurement standards from the national metrological institutes of COOMET «**
- **COOMET participation in the implementation of the CIPM MRA Agreement**



Completed projects

Project	
535/UA/11	Comparison of the standards of the unit of power ultrasound in the water in the frequency range from 2 to 15 MHz
609/UA/13	Comparison of national standards of the sound pressure unit in air through calibration of the pressure-inch and half-inch microphones
308/UA/04	Key Comparison of the National Measurement Standards of the vibration parameters units (in regard to the vibration acceleration) in the frequency range from 20 Hz to 5 kHz
626/BY/13	Comparison of national standards for sound pressure in air
675/BY/15	Development of a recommendation regarding contribution of measurement uncertainty in making decision on rejection in course of conformity assessment



Completed projects

568/UA/12	Comparisons of reference measuring instruments of surface parameters
569/UA/12	Comparison of length standards in the range of 0.001 to 1 mm
529/RU/11	Comparison of interferometers for measurement of tapes up to 20 m
570/UA/12	Comparisons of standards of flatness
524/UA-RU/11	Intercomparison of the national standards unit of the plane angle
676/MD/15	Calibration of gauge blocks by comparison
673/UA/15	Comparison of initial measuring instruments of the parameters of involute gears



Completed projects

636/UA/14	Comparisons of luminous flux national standards
613/RU-a/13	Pilot comparisons in the field of measurements of specific adsorption, specific surface area, specific volume and pore diameter in solid nanoporous substances
692/RU/16	Pilot comparisons in the field of measuring of the moisture content in wood
698/RU/16	Work on the recognition of CRM for composition of potassium biphthalate of the 1st order, included in Appendix C CIPM MRA as COOMET CRM.
699/RU/16	Work on the recognition of CRM for composition of potassium bichromate of the 1st order, included in Appendix C CIPM MRA as COOMET CRM.
648/RU/14	Development of CRM of mass fraction of metals in slag of copper smelting production (SHM)



Published SMS

SMS	Last update
COOMET.AUV.9.2017	2017-12-11
COOMET.M.28.2017	2017-10-30
COOMET.M.26.2015	2017-10-30
COOMET.L.14.2017	2017-10-29
COOMET.PR.11.2017	2017-09-18
COOMET.AUV.8.2017	2017-08-30
COOMET.QM.27.2017	2017-06-30
COOMET.T.12.2017	2017-06-08
COOMET.M.14.2013	2017-06-02
COOMET.M.27.2017	2017-05-31
COOMET.EM.12.2017	2017-05-29

Participation in the examination of SMS

T.C 1.2:

SIM.AUV.3.2016 (Published in the BIPM KCDB on 2017-07-24);
APMP.AUV.13.2016 (Published in the BIPM KCDB on 2017-06-13);
EURAMET.AUV.17.2017 (Published in the BIPM KCDB on 2018-02-08);
AFRIMETS.AUV.5.2017 (under consideration)
EURAMET.AUV.18.2018 (under consideration)

T.C 1.3:

AFRIMETS.EM.3.2017 May-July 2017

T.C 1.6:

EURAMET.M.56.2018
APMP.M.44.2017

T.C 1.7:

re-examination **EURAMET.PR.12.2016**,



Participation in the review of SMS

T.C 1.8:

AFRIMETS.QM.16.2017

APMP.QM.28.2017

APMP.QM.29.2017

EURAMET.QM.30.2017

EURAMET.QM.31.2017

EURAMET.QM.32.2017

SIM.QM.22.2017

SIM.QM.23.2017

T.C 1.9:

EURAMET.RI.29.2017

T.C 1.10:

APMP.T.13.2017

APMP.T.12.2017

TC 1.1

EURAMET TC-IM
IMEKO TC 7, TC 21
ISO TC 69 PC 6

TC 1.2

CCAUV:
CMC - CCAUV RMO WG
CCAUV SPWG
TC87 IEC «Ultrasound
TÜBİTAK – MAM (October, 2017)

TC 1.6

meetings of the CCM Working Groups on
Mass
hardness
pressure.

TK 1.7

Time spending	Name of event	Location
June 2017	Meeting of the Working Group on Key Comparisons of the CCFR	Tokyo, Japan
June 2017	Meeting of the Working Group on SMS CCFR	Tokyo, Japan
June 2017	Meeting of the Working Group on Strategic Planning of the CCFR	Tokyo, Japan
June 2017	13th International Conference on New Developments and Applications in Optical Radiometry(NEWRAD 2017)»	Tokyo, Japan
August 2017	Seminar "Estimation of uncertainties in international comparisons"	St. Petersburg, Russia
August 2017	15th Meeting of TC1.7	St. Petersburg, Russia



INTERACTION WITH INTERNATIONAL ORGANIZATIONS

TK 1.8

CCQM

Representatives of TC 1.8 participate in the activities of CCQM almost from the moment of its foundation and are part of the working groups KCWG, QAWG, GAWG, IAWG, BAWG, EAWG, CAWG, NAWG, PAWG, SAWG

APMP

EURAMET, SIM

participation in projects on international comparisons

ISO TK

ISO TC 146 (Air quality), TC 158 (Gas analysis), TC 190 (Soil quality), TC 193 (Natural gas).

TK 1.10

iMERA (EBPAMET)

WG1, WG 3, WG5, WG6, WG8, WG9

TK 1.11

PARTICIPATION IN INTERNATIONAL CONFERENCES, WORKSHOPS...

- XI conference “Advanced mathematical and metrology and testing”, August 29-31, 2017 Glasgow, Scotland
- International Scientific and Practical Conference “175 years of VNIIM them. D.I. Mendeleev and the National System for Ensuring the Uniformity of Measurements ”, June 14-15, 2017 St. Petersburg, Russia

Thanks for attention!

