

**Resolution
of the 18th Meeting of COOMET TC 1.6 “Mass and related quantities”
16 – 17 October, 2013, Kharkov, Ukraine**

As a result of discussion of questions of the 18th meeting of TC 1.6 “Mass and related quantities” Program, the participants accepted the following resolution:

About organization of TC work

- 1) Cooperation within the bounds of COOMET TC 1.6 to recognize as topical. Meetings of COOMET TC 1.6 “Mass and related quantities”, in which representatives of the Member-Countries take part, are spent annually;
- 2) The reports of the Vice Chairperson of TC 1.6 and the Chairpersons of the SCs to take into consideration;
- 3) To update the status of the current COOMET projects in the BIPM and COOMET databases; to ask coordinators of work to provide forms to TC Chairperson in a timely manner.

**About work regarding arrangement of the review of CMC
submission of NMI in COOMET TC 1.6**

- 1) To consider possible carrying out of the intra- and/or inter-regional review after finishing of projects and final reports publication in BIPM-site for CMC submission of NMI of COOMET Member-Countries:
 - in the field of mass: Belarus, Kazakhstan, Ukraine;
 - in the field of hardness: Belarus, Kazakhstan, Ukraine;
 - in the field of density: Russian Federation;
 - in the field of pressure: Belarus;
 - in the field of viscosity: Ukraine.
- 2) Make more active work of TC on organization of publication of the CMC-tables NMI on KCDB site.

About progress in on-going projects

- 1) project 341/RU/05(COOMET M.H-K1):
 - To take into consideration information represented by project’s coordinator Aslanayn E. about finishing of RMO Vicers key comparison COOMET.M.H-K1;

– to ask of coordinator to inform participants about publication of final report in BIPM site;

– to ask participants send to chairperson of TC 1.6 Kolozinska I. the agreed drafts of CMC submission for organization inter-regional review;

2) project 258/ RU/02 (COOMET M.M-K5):

-to take into consideration information represented by *Kamenskih Y.* about final report (draft B) of comparison in the field of multiply and submultiples of kilogram;

- to agree the final report;

- to ask the coordinator project Snegov V. to present final report in Working Group of Mass of BIPM for agreement;

3) project 259/RU/02 (COOMET.M.F-S1):

-to ask participants agree final report on RMO supplementary comparison of force national primary and secondary standards (draft B) in working order;

-to ask project's coordinator Osrivnoy A. to complete report data about the degree of equivalence after publication of the results of key comparisons of the Consultative Committee BIPM;

4) project 545/UA/11 (COOMET.M.FF-S6):

-To take into consideration information represented by project's coordinator Narodnitsky G. about progress in work «Comparisons of complex of static volume measuring devices»;

- agreed of the Technical protocol and schedule of comparison;

-to ask project's coordinator Narodnitsky G. to consider the possibility of including CSM under the MER Kr, Kyrgyzstan Republic in the list of participants;

5) project 528/KZ/11:

-To take into consideration information represented by Muhametkaliev R, about progress in work “Pilot mass comparison in the fields of multiply and submultiples units of kilogram;

-To ask representatives of pilot laboratory (KazInMetr) and tutor laboratory (NSC IM) to prepare a report (draft A) on comparison to next Meeting of TC 1.6;

6) Project 560/ UA/12 :

-To take into consideration information represented by Skliarov V. about

progress in work «The comparison of the national hardness standards of Rockwell and Super-Rockwell scale»;

7) projects 580/RU/12, 578/RU/12, 555/AZ/12:

- To take into consideration information represented by project's coordinator Domostroev A. about progress in works in the field of density comparisons;
- To ask project's coordinator Domostroev A. to prepare a report (draft A) for project 555/AZ/12 to next Meeting of TC 1.6;

8) Project 589/UA/11:

- to take into consideration information represented by project's coordinator Zuev A. . about progress in work «Supplementary comparison of national measurement standards of negative pressure in the range from 1 MPa to 10 MPa Па»;
- agreed of the Technical protocol and schedule of comparison;
- To ask project's coordinator Zuev A. to consider the possibility of including VMC, Lithuania, and NIM, Moldova in the list of participants;

9) project 614/KG/13:

- to take into consideration information represented by Kotova E. . about progress in work «Development of methodological recommendations on the theoretical foundations of uncertainty calculation of the mass, conventional mass and their uncertainties in calibration/verification of weights»;

10) project 581/GE/12:

- To ask members of TC 1.6 to agree of final report on bilateral PTB-GeoSTM mass comparison in working order;
- To ask chairperson of TC 1.6 Kolozinska I. to make registration of project in BIPM database;

11) Project 546/UA/11:

- to take into consideration information represented by project's coordinator Kolozinska I. about progress in work "Key comparison in the field of multiply and sub-multiply units of kilogram";
- to ask project's coordinator Kolozinska I. to update a data concerning list

- of participants on COOMET database (including VMC, Lithuania in the list of participants);
- agreed updated schedule of comparison.

About proposed projects

- 1) to ask Chairperson of TC 1.6 Kolozinska I. to prepare the suggestions on comparison in the field of measurements of solid body density (volume) for weights E classes; to ask representatives of SMI, Slovakia, to consider opportunity take part in a comparison as a pilot laboratory, to provide travelling standards and to prepare a draft of Technical Protocol;
- 2) to ask representatives of VNIIM together with NSC IM to prepare the suggestion on work of creation of recommendation on the gravity zone concept in COOMET-country for weighing instruments under legal control;
- 3) To ask Gorobey V. to prepare suggestions on work concerning researching in the field of saturated vapor pressure of petroleum products;
- 4) To ask member-country to indicate their interest into above-mention projects.

About the place and date of next Meeting of TC1.6

To ask the representatives of Moldova to organize next Meeting of TC 1.6 in Kishinev in October, 2014.