PROTOCOL
of the 16th Meeting of COOMET TC 1.6 "Mass and related quantities" September 27-30, 2011, St. Petersburg, Russian Federation

1. Opening of the Meeting, adoption of the Program

The Meeting was opened by the Chairman of the subcommittee SC 1.6.1 "Mass" (SC 1.6.1) Victor Snegov, VNIIM, St. Petersburg (Russian Federation). He mentioned the importance of conducting such arrangements, thanked the TC Members and the guests of the Meeting for their having found time and opportunity to take part in it and the direction of VNIIM for organizing and providing the holding of the Meeting, expressed him assurance in the constructive work of the Meeting.

The Vice Director of VNIIM Eugenij Krivcov addressed with a welcoming speech to the participants of the Meeting. He informed the TC Members and the guests of the Meeting about the activity of VNIIM and wished the Meeting successfully work.

There are 24 representatives of 11 Member-Countries of COOMET: Azerbaidzhan (Azstandart), Belarus (BelGim), Germany (PTB), Kazakhstan (KazInMetr), Kyrgyzstan (CSM under the MER Kr), Cuba (INIMET), Lithuania (VMC), Russia (Federal Agency on Technical Regulating and Metrology, Rostest-Moscow, VNIIM, VNIIFTRI), Ukraine (NSC "IM", Ukrmetrteststandart) took part in the Meeting.

After introduction of the participants the agenda of the Meeting was agreed. The following agenda has been accepted: reports of the Vice Chairperson of the TC 1.6 and chairmen of the SC; the changes in organizational structure of TC1.6; the information on the progress of work on COOMET Projects; the consideration of COOMET projects, proposed by the participants of the Meeting.

2. Working of the Meeting

2.1 Reports

The Vice Chairperson of TC 1.6 Iryna Kolozinska and the chairmen of SC gave a report on the activity of the TC 1.6 and subcommittees during 2010 – 2011 years:

- SC 1.6.1 «Mass» - V.S. Snegov, VNIIM, Russian Federation;
- SC 1.6.2 «Force» - G.I. Leonov, Ukrmetrteststandart, Ukraina;
- SC 1.6.3 «Pressure» -Y.A. Kiselev, VNIIM, Russian Federation;
- SC 1.6.4 «Hardness» - E.G. Aslanyan, VNIIFTRI, Russian Federation.

2.2 The changes in organizational structure TC 1.6

The participants had election of the Chairperson of TC 1.6, and discussed the need to update the organizational structure of TC 1.6, subcommittees and "The Regulations of the TC 1.6."

It was proposed to elect:

- the chairperson of TC 1.6 – I. Kolozinska, NSC “IM”, Ukraine;
- the Vice Chairperson of TC 1.6 – V. Bogdanova, VNIIM, Russian Federation;
- the executive secretar of TC 1.6 – E. Kotova, CSM under the MER Kr, Kyrgyzstan Republic;
- the coordinator of continuous field of activities “Gravimetry” – L. Vitushkin, VNIIM, Russian Federation.

All the candidates adopted unanimously.

2.3 The information about scientific and technical achievements in the field of measurement of mass, pressure, and hardness

Following reports were presented:

- “The details of building of scale of gidrostatic pressure in VNIIFTRI” – V. Borovkov, VNIIFTRI, Russian Federation;
- “The creation the standard base in the field of nanoindentation” – E. Aslanyan, VNIIFTRI, Russian Federation;
- “The page of TC 1.6 in site coomet.net. The Regulations of the TC 1.6” – I. Kolozinska, NSC “IM”, Ukraine;
- “The creation of reference of unit of mechanical tension” – A. Lubashev, VNIIM, Russain Federation;
- “The current state of absolute gravity and metrology in absolute gravimetry” - L. Vitushkin, VNIIM, Russian Federation;
- “New definition of kilogram and it is realisation – it is deal of the nearest feature” – T. Frantcuz, VNIIM, Russian Federation.

The participants discussed reports and expressed constructive suggestions on work of page TC 1.6.

2.4 The information on the progress of current COOMET projects

The participants were informed on the progress of current COOMET projects:

- COOMET M.P-K14 “Key comparison of national standards in the range 100 Pa - 5 кPa of gauge pressure”; W. Zabuga, PTB;
- 259/RU/02 COOMET M.F-K1 “Comparison in the field of force measurement”- A. Ostrivnoy VNIIM, Russain Federation;
- 515/UA/11 “Bilateral comparison (PTB – Ukmetrteststandart) of primary standard of force unit” - A. Tsiporenko, Ukrmetrtesrstandart;

- 528/KZ/11 «Pilot comparison of submultiply and multiply units of kilogram" – D. Mukasheva, KazInMetr, Kazakhstan.

The participants decided to update list of current COOMET projects.

2.5 The consideration of COOMET proposed projects

The participants of the Meeting of TC 1.6 proposed to include in the Program of COOMET;

- "Creation of recommendation COOMET "Calculation of the uncertainty of mass value of weight";

- "Key comparison in the field of submiltiply and multiply units of kilogram".

Member of TC 1.1 A. Chunovkina informed participants about the registration procedure and the determination of comparison status.

The participants of the Meeting of TC 1.6 decided to hold a prepiaring work on the comparison in the field of measurements of the force, torque strength, density, viscosity and pressure. At the meeting discussed the possibility of comparison in the field of measurement of of the class E weights and comparison in the field of mesurement of liquid volume.

3. The place and date of next Meeting of TC1.6

Next Meeting of TC 1.6 planned in Baku, Azerbaidzhan, in 4th quarter 2012 year.

4. The resolution of the Meeting

The Resolution of the 16th Meeting of COOMET TC 1.6 is given in Annex.

Iryna Kolozinska
Chairperson of TC 1.6