



ANNUAL REPORT
of the Chairperson of TC 2 “Legal Metrology”
(for the period from 2019 to 15.03.2020)

1. GENERAL FEATURES OF COOPERATION IN THIS SUBJECT FIELD

TC 2 includes representatives of 21 COOMET member countries: Azerbaijan, Armenia, Belarus, Bulgaria, Bosnia and Herzegovina, China, Germany, Georgia, Kazakhstan, Kyrgyzstan, DPR of Korea, Cuba, Moldova, Romania, Russia, Slovakia, Tajikistan, Turkey, Uzbekistan and Ukraine.

COOMET TC 2 coordinates works among the COOMET member countries in legal metrology, which are performed on regional and international levels and are of common interest in this field. The COOMET TC 2 consists of three Subcommittees (SCs):

- SC 2.1 "Harmonization of Regulations and Norms in Legal Metrology" (Chairperson – Nikolai Zhagora, Belarus),
- SC 2.2 "Technologies of Measuring Devices and Systems in Legal Metrology" (Chairperson – Maxim Shabanov, Belarus),
- SC 2.3 "Legal Metrology Control" (Chairperson – Ruf Genkina, Russia).

A Working group on measuring systems (WG on MS) was established within SC 2.2 (Chairperson – Alexander Krichevets, Ukraine).

2. TC 2 MEETING RESULTS

19th meeting of TC2 was held on 12 September 2019 in Kiev, Ukraine. Representatives of 11 COOMET member countries took part in the meeting: Armenia, Belarus, Bosnia and Herzegovina, Germany, Georgia, Cuba, Moldova, Slovakia, Tajikistan, Uzbekistan, Ukraine – TC2 members and their representatives, members of SC 2.1 – SC 2.3, as well as invited experts.

General issues (TC2-2019 resolutions):

1) To approve the extension of the term of office of the Chairperson of SC 2.2 "Technologies of Measuring Devices and Systems in Legal Metrology" (Maksim Shabanov, BelgIM, Belarus) and Chairperson of SC 2.3 "Legal Metrology Control" (Ruf Genkina, VNIIMS, Russia) for 3 years.

2) To ask TC2 members to update the already published information about the legal metrology system in their countries taking into account the recent changes in legislations (the updated information in Russian and in English shall be sent to TC2 Secretariat) (coomet@belgim.by) by 15.12.2019) – under implementation.

3) To ask the TC2 Secretariat, in agreement with TC2 members, to check links to legal acts on metrology of COOMET member countries (in Russian and/or English) on the website www.coomet.org and on the portal www.coomet.net - under implementation.

4) To approve the preparation of a Program of OIML publications to be translated into Russian and to continue works on its drawing up. To request TC2 members to send to TC2 Secretariat information as to translations of which OIML publications are most relevant for their countries. To request TC2 Secretariat to summarize the information received and to prepare a draft Program of OIML publications to be translated into Russian. Further consideration and agreeing of the draft Program shall be conducted by correspondence. To discuss the issue of drawing up the Program at the TC2 meeting in 2020.

5) To discuss at the next TC2 meeting in 2020 the issue of using WELMEC documents in the working practices of COOMET member countries, as well as possible cooperation projects between COOMET and WELMEC.

Information concerning work on the COOMET projects, carried out within TC2, is given in clause 3 of the report.

COOMET seminar "Determination of reverification intervals in legal metrology" was held on 11 September 2019.

The following issues were included in the Program of the seminar:

1) Presentations of representatives of countries, involved in TC2 activities, about their national practice of determination of reverification intervals (speakers - AM: K.Movsisyan, BY: M.Shabanov, BA: H.Memic, DE: P.Ulbig, CU: E.Gonzalez Labrada, MD: M.Gavrilovici, SK: E.Godal, TJ: U.Akhmedov, UZ: A.Abdukayumov, UA: Yu.Kuzmenko);

2) Overview of the requirements of ILAC-G24/OIML D 10 "Guidelines for the determination of recalibration intervals of measuring equipment used in testing laboratories" (speaker - Peter Ulbig, TC2 Chairperson);

3) Introduction into the approach to determination of reverification intervals, developed in Belarus - COOMET project 716/BY/17 (speaker - Maksim Shabanov, Belarus).

3. STATUS OF COOMET PROJECTS

The following COOMET projects were **actually completed** in 2019-2020:

1) Project **602/BY/13** "Preparation of an overview on the progress with pre-packages control in COOMET member countries" (coordinator – BelGIM, Belarus): Information Material COOMET I/LM/8:2019 " Overview on the progress with pre-packages control in COOMET member countries" was approved at the 29th COOMET Committee meeting. The project was implemented within SC 2.3 and completed in accordance with the established procedure.

2) Project **667/RU/15** "Development of Recommendations for metrological supervision performed by metrological services of legal entities" (coordinator – VNIIMS, Russia): Information Material COOMET I/LM/9:2019 "Metrological supervision performed by metrological services of legal entities. General principles" was approved at the 29th COOMET Committee meeting. The project was implemented within SC 2.3 and completed in accordance with the established procedure.

3) Project **703/UA-a/16** "Analysis of approaches to metrological control of measuring systems" (coordinator – DP NDI "Systema", Ukraine): the final report was sent to the members of TC2 and WG for measuring systems and posted on the TC2 webpage on the COOMET portal at www.coomet.net. The project was implemented within SC 2.2 and completed in accordance with the established procedure.

At present the following COOMET projects are **UNDER DEVELOPMENT**:

SC 2.1 "Harmonization of Regulations and Norms in Legal Metrology":

1) Project **629/RU/13** "Development of proposals for optimization of state regulation area in legal metrology specified in different member countries" (coordinator – VNIIMS, Russia).

Participants: Russia, Belarus, Germany, Kazakhstan, Cuba, Moldova, Kyrgyzstan, Tajikistan, Uzbekistan, Ukraine, other interested members of TC2/SC 2.1.

TC2-2019 resolution: To request the coordinator of the project to send a supplementary set of questions for the survey to the interested TC2 members by 20.01.2020. To conduct an additional survey of the interested countries by 01.03.2020. To present a final generalized analysis on the project at the TC2 meeting in 2020.

Results: The survey among the countries continues. The Final report on the project will be presented at the TC2 meeting in 2020.

2) Project **716/BY/17** "Development of rules for setting up reverification and recalibration intervals for measuring instruments used in the field of legal metrology" (coordinator – BelGIM, Belarus).

Participants: Belarus, Armenia, other interested members of TC2/SC 2.1.

TC2-2019 resolution: To request the coordinator of the project to prepare a draft "COOMET Recommendation on setting up reverification and recalibration intervals for measuring instruments used in the field of legal metrology" and to send it for consideration to TC2, SC2.1 and SC2.2 members by 15.03.2020. To request the interested TC2, SC2.1 and SC 2.2 members to send to the project coordinator their proposals and comments on the draft Recommendation (including proposals on the questionnaires for the risk analysis on setting up reverification and recalibration intervals for measuring instruments) by 15.05.2020. To present the information on progress in the implementation of the project at the TC2 meeting in 2020.

Results: The project is under implementation (the coordinator is preparing a draft recommendation). The discussion will continue at the TC2 meeting in 2020.

3) Project **750/RU/18** "Translation of OIML B18:2016 "Framework for the OIML Certification System (OIML-CS)" (coordinator – VNIIMS, Russia).

Participants: Russia, Belarus, Moldova, other interested members of TC2 and SC 2.1.

TC2-2019 resolution: To take note of the information about preparation of the translation of OIML B18:2018 "Framework for the OIML Certification System (OIML-CS)" under the project. To request the interested TC2 and SC2.1 members to

send to the project coordinator their proposals and comments by 15.12.2019. To request VNIIMS (Russia) to make the official translation of OIML B18:2018 available on the web-site of Rosstandart (Federal informational fund on ensuring the uniformity of measurements) with reference to the COOMET project number. To request the coordinator to complete the project in accordance with the established procedure.

Results: The draft translation was prepared and is ready for publication. The project will be completed in accordance with the established procedure following the publication of the translation.

4) Project **751/BY/18** "Translation of OIML G 1-106:2012 "Evaluation of measurement data – The role of measurement uncertainty in conformity assessment" (coordinator – BelGIM, Belarus).

Participants: Russia, Belarus, Moldova, other interested members of TC2 and SC 2.1.

TC2-2019 resolution: To take note of the information about preparation of the translation of OIML G 1-106:2012 "Evaluation of measurement data - The role of measurement uncertainty in conformity assessment" under the project. To request the interested TC2 and SC2.1 members to send to the project coordinator their proposals and comments on the draft translation by 15.12.2019. To request VNIIMS (Russia) to make the official translation of OIML G 1-106:2012 available on the web-site of Rosstandart (Federal informational fund on ensuring the uniformity of measurements) with reference to the COOMET project number. To request the coordinators to complete the project in accordance with the established procedure.

Results: The draft translation was prepared and is ready for publication. The project will be completed in accordance with the established procedure following the publication of the translation.

SC 2.2 "Technologies of Measuring Devices and Systems in Legal Metrology":

1) Project **740/UA-a/18** "Translation of WELMEC 7.2:2018 "Software Guide" (Measuring Instruments Directive 2014/32/EU)" (coordinator – SE "Ukrmetrteststandart", Ukraine).

Participants: Ukraine, Belarus, other interested members of TC2/SC 2.2.

TC2-2019 resolution: To request the project coordinator to send to the members of the WG for the project and to SC2.2 members the first version of the draft translation by 25.01.2020. To request the interested members of the WG for the project and SC2.2 members to send to the project coordinator their proposals and comments on the draft translation by 15.02.2020. To provide information on the progress in the implementation of the project at the TC2 meeting in 2020.

Results: The project is under implementation. The discussion will continue at the TC2 meeting in 2020.

2) Project **778/UA-a/19** "Development of a COOMET Recommendation "Metrological control of measuring information systems. The main provisions" (coordinator – DP NDI "Systema", Ukraine).

Participants: Ukraine, Belarus, Russia, Cuba, Uzbekistan, other interested members of TC2 / SC 2.2 / WG on MS.

TC2-2019 resolution: To request the project coordinator to send to the members of the WG for the project, as well as TC2 members and members of the WG for MS a draft Recommendation by 15.12.2019. To request the members of the WG for the project and interested members of the WG for MS to send to the project coordinator their proposals and comments by 01.03.2020. To provide information on the progress in the implementation of the project at the TC2 meeting in 2020.

Results: A draft report was sent to TC2 members and members of the WG for MS. The discussion will continue at the TC2 meeting in 2020.

3) Project **797/BY/19** "Review of approaches to the metrological support of medical measuring instruments" (coordinator – BelGIM, Belarus).

Participants: Belarus, Russia, Kazakhstan, other interested members of TC2 / SC 2.2.

Results: A new project, information is being gathered about the interested participants. The coordinator is preparing a draft questionnaire and a concept for works on the projects. The discussion will continue at the TC2 meeting in 2020.

SC 2.3 "Legal Metrology Control":

1) Project **747/RU/18** "Translation of OIML R 87:2016 "Quantity of products in prepackages" (Coordinator – VNIIMS, Russia).

2) Project **748/RU/18** "Translation of OIML R 79:2015 "Labeling requirements for prepackages" (Coordinator – VNIIMS, Russia).

3) Project **749/RU/18** "Translation of OIML G 21:2017 "Guidance for defining the requirements for a certification system for prepackages" (Coordinator – VNIIMS, Russia).

Participants: Russia, Belarus, Moldova, other interested members of TC2 and SC 2.3.

TC2-2019 resolution: To request the interested TC2 and SC2.3 members to send to the project coordinator their proposals and comments on the draft translations by 15.12.2019. To request VNIIMS (Russia) to make the official translations of OIML R 87:2016, OIML R 79:2015, OIML G 21:2020 available on the website of Rosstandart (Federal informational fund on ensuring the uniformity of measurements) with reference to the COOMET project numbers. To request the project coordinator to complete the projects in accordance with the established procedure.

Results: The draft translations were prepared and are ready for publication. The projects will be completed in accordance with the established procedure following the publication of the translations.

At the initiative of the Project Coordinator (Maksim Shabanov, BelGIM, Belarus) project **437/BY/08** "Development of a program for generating 'reference' data sets for the purpose of testing software for measuring instruments" was removed from the TC2 Work Program (reason - termination of works on the project due to their irrelevance).

4. ISSUES, RELATING TO COOPERATION WITH INTERNATIONAL AND REGIONAL ORGANIZATIONS IN THE FIELD OF LEGAL METROLOGY

Zijad Dzemic, COOMET Committee member from Bosnia and Herzegovina, represented COOMET at the WELMEC Committee meeting (10-11 April, 2019, Brno, Czech Republic) and delivered a presentation on the COOMET activities in legal metrology.

Peter Ulbig, COOMET Vice-President, TC2 Chairperson represented COOMET at the RLMO round-table (22-25 October 2019, Bratislava, Slovakia) and delivered a presentation on the COOMET activities in legal metrology.

5. NEXT TC 2 MEETING

Currently the venue and dates of holding the 20th meeting of COOMET TC2 "Legal Metrology" are being specified (tentatively - September 2020).

It is planned to hold before the TC2 meeting a COOMET seminar "Role of measurement uncertainty in conformity assessment decisions in legal metrology". Preliminary negotiations are being held with possible speakers.

5. PROPOSALS TO RESOLUTIONS OF THE COOMET COMMITTEE

➤ To extend the term of office of the Chairperson of SC 2.2 "Technologies of Measuring Devices and Systems in Legal Metrology" (Maksim Shabanov, BelGIM, Belarus) and Chairperson of SC 2.3 "Legal Metrology Control" (Ruf Genkina, VNIIMS, Russia) for 3 years.

Peter Ulbig
Chairperson of TC 2