

MINUTES of the 23rd meeting of COOMET Technical Committee TC 2 "Legal Metrology"

The 23rd meeting of TC 2 „Legal Metrology“ was held on **24 November** 2022 online. Representatives of 9 COOMET member countries took part in the meeting, namely from Azerbaijan, Armenia, Belarus, Kazakhstan, Kyrgyzstan, China, Russia, Tajikistan and Uzbekistan – TC 2 members and their representatives, as well as invited specialists.

LIST OF PARTICIPANTS:

Country	Name	NMI, status in COOMET	E-mail
AZERBAIJAN	TAGIEV Gara	Legal entity of public law "Azerbaijan Institute of Metrology" (AzMI), Representative of TC2 member	gara.tagiyev@metrology.gov.az
ARMENIA	MOVSISYAN Kamo	CJSC "National Body for Standardization and Metrology", COOMET Committee member, TC2 member	movsisyan@armstandard.am wmovkaa@mail.ru
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	SHABANOV Maksim	BelGIM, TC 2 member, coordinator in the field 2.1	shabanov@belgim.by
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	KUZIN Aleksandr	VNIIMS, COOMET representative to OIML-CS	kuzin@vniims.ru
	GENKINA Ruf	VNIIMS, coordinator of field 2.6	genkina@vniims.ru

Country	Name	NMI, status in COOMET	E-mail
	PANKOV Andrey	VNIIMS, Chair of the COOMET Task Group on the issues of digital transformation in metrology (TG-DigTr)	apankov@vniims.ru
TAJIKISTAN	SHOKIRDZHONOV Tolib	Tajikstandard, Representative of TC2 member	tt-st@mail.ru
	KHUDOIEVA Musalama	Tajikstandard	mkhudoieva@inbox.ru
UZBEKISTAN	YUNUSOV Marat	UzNIM, National Secretariat of the Republic of Uzbekistan in COOMET, TC2 member	marat@nim.uz
	RAYMJONOV Nuriddin	UzNIM, coordinator in the field 2.3	raymjonov@nim.uz

In accordance with the requirements to a quorum at COOMET structural bodies meetings, specified in document COOMET D5/2021, **the quorum at the TC 2 meeting was achieved.**

TC members from 16 COOMET member countries were appointed, 15 countries participated in calculating the quorum, 1 country has the status of an observer. The quorum is achieved with the participation of representatives from 8 countries.

OUTCOMES OF THE MEETING

The meeting was held by the Acting TC 2 Chair, Head of COOMET Secretariat, Ms. Nadezhda Liakhova, BelGIM, Belarus.

The following issues were considered according to the adopted AGENDA:

Item	Content	Speaker
1.	About the results of the 33rd online COOMET Committee meeting regarding TC 2 activities	<i>Nadezhda Liakhova, Acting Chair of TC 2</i>
2.	Brief report about the activities of TC 2 in 2021-2022 About the TC structure, new TC 2 members and TC 2 experts	<i>Nadezhda Liakhova</i>
3.	About the appointment of field coordinators: 2.2 "Measuring systems in legal metrology" 2.4 "Conformity assessment of measuring instruments"	<i>Nadezhda Liakhova TC 2 members</i>
4.	About the implementation of the TC2 Work Program for 2021-2023 (program COOMET P3/2021):	
4.1	COOMET projects related to the translation of OIML publications and other documents:	
4.1.1	834/RU/21 "Translation of document OIML D 1:2020 "National metrology systems – Developing the institutional and legislative framework" (coordinator – Y.Androshchuk, VNIIMS, Russia)	<i>Yuriy Androshchuk</i>
4.1.2	845/KG/21 "Translation of document ILAC-G24/OIML D 10:2007 "Guidelines for the determination of calibration intervals of measuring instruments" (coordinator – M.Denisova, CSM, Kyrgyzstan)	<i>Marina Denisova</i>
4.1.3	838/BY/21 "Translation of document OIML D 30:2020 "Guide for the application of ISO/IEC 17025 to the assessment of Testing Laboratories involved in legal metrology" (coordinator – M.Shabanov, BelGIM, Belarus)	<i>Maksim Shabanov</i>
4.1.4	836/RU/21 "Translation of document OIML D 31:2019 "General requirements for software controlled measuring instruments" (coordinator – Y.Androshchuk, VNIIMS, Russia)	<i>Yuriy Androshchuk</i>
4.1.5	839/BY/21 "Translation of document OIML D 32:2018 "Guide for the	<i>Maksim Shabanov</i>

Item	Content	Speaker
	application of ISO/IEC 17065 to assessment of certification bodies in legal metrology" (coordinator - M.Shabanov, BelGIM, Belarus)	
4.1.6	832/UZ/21 "Translation of recommendation OIML R 75-3:2006 "Heat meters. Part 3: Test Report Format" (coordinator - N. Raymjonov, UzNIM, Uzbekistan)	<i>Nuriddin Raymjonov</i>
4.1.7	840/BY/21 "Translation of guide OIML G 14:2011 "Density measurement" (coordinator – N.Liakhova, BelGIM, Belarus)	<i>Nadezhda Liakhova</i>
4.1.8	827/RU/21 "Translation of the UNIDO-OIML Brochure "Certification of measuring instruments" (coordinator – A.Kuzin, VNIIMS, Russia)	<i>Aleksandr Kuzin</i>
4.2	About preparation of COOMET recommendations on the issues related to OIML publications (G19, D10, D23, D30 etc.) <i>Based on item 3 of the TC 2 Work Program for 2021-2023, item 37 of the COOMET Development Program for 2020-2022</i>	<i>Nadezhda Liakhova, meeting participants</i>
4.3	About preparation of a COOMET Plan for translation of OIML publications into Russian for 2023-2024	<i>Nadezhda Liakhova, meeting participants</i>
4.4	About implementation of COOMET projects on other issues of TC 2 activities	
4.4.1	844/UA/21 "Drawing up and publication of a list (with links) of adopted rules, guides, recommendations in the field of legal metrology of other RLMOs, which are of interest for COOMET member countries" (coordinator – Y.Kuzmenko, Ukrmetrteststandart, Ukraine)	<i>Nadezhda Liakhova</i>
4.4.2	716/BY-a/17 "Development of rules for setting up reverification and recalibration intervals for measuring instruments used in the field of legal metrology" (coordinator – M.Shabanov, BelGIM, Belarus)	<i>Maksim Shabanov</i>
4.4.3	797/BY/19 "Review of approaches to the metrological support of medical measuring instruments" (coordinator – M.Shabanov, BelGIM, Belarus)	<i>Maksim Shabanov</i>
4.4.4	831/UZ-a/21 "Update of the COOMET recommendation R/LM/8:2002 "Layout, Presentation, Drawing Up and Contents of Measuring Instrument Type Specifications for National Register of Measuring Instruments" (coordinator - N. Raymjonov, UzNIM, Uzbekistan)	<i>Nuriddin Raymjonov</i>
	Discussion of proposals of the COOMET Task Group on the Issues of Digital Transformation in Metrology (TG-DigTr) in terms of preparing COOMET recommendations in conjunction with TC 2: – "Structure of and requirements for digital certificates, data sheets and type descriptions for measuring instruments in COOMET member countries" – "Structure of and requirements for digital verification certificates for measuring instruments in COOMET member countries"	<i>Andrey Pankov, Chair of TG-DigTr, Nadezhda Liakhova, meeting participants</i>
4.4.5	823/BY/21 "Update of the COOMET recommendation R/LM/25:2015 "Procedure for recognizing technical devices as measuring instruments" (coordinator – M.Shabanov, BelGIM, Belarus)	<i>Maksim Shabanov</i>
4.4.6	830/BY/21 "Update of the COOMET recommendation R/LM/28:2016 "Template procedure for testing of software of measuring instruments" (coordinator – M.Shabanov, BelGIM, Belarus)	<i>Maksim Shabanov</i>
4.4.7	841/BY/21 "Update of the COOMET recommendation R/LM/26:2015 "General requirements for the competence of verification laboratories" (coordinator – M.Shabanov, BelGIM, Belarus)	<i>Maksim Shabanov</i>

Item	Content	Speaker
4.5	About the appropriateness of continuing work on project 778/UA-a/19 "Development of a COOMET Recommendation "Metrological control of measuring information systems. The main provisions" and appointing a new coordinator	<i>Nadezhda Liakhova, meeting participants</i>
4.6	About the appropriateness of launching the project "Analysis of the impact of digitalization on state metrological supervision" <i>Based on item 16.6 of the TC2 Work Program for 2021-2023</i>	<i>Nadezhda Liakhova, meeting participants</i>
4.7	About the appropriateness of launching the project "Development of additional criteria for the procedure of authorizing the organizations, intended to perform type approval tests of measuring instruments (in view of OIML D30)" <i>Based on item 16.7 of the TC2 Work Program for 2021-2023</i>	<i>Nadezhda Liakhova, meeting participants</i>
4.8	Discussion of proposals on new projects	<i>meeting participants</i>
5.	About the results of the survey on challenges related to the regulation of smart meters in COOMET member counties and discussion of the appropriateness of launching a COOMET project to continue work on this subject	<i>Nadezhda Liakhova, meeting participants</i>
6.	Discussion of possible topics of training events on the issues of LM of interest to specialists of COOMET member countries	<i>Nadezhda Liakhova, meeting participants</i>
7.	Miscellaneous issues	<i>meeting participants</i>
8.	Venue and date of the next TC2 meeting	
9.	Election of a TC 2 Chair	<i>TC 2 members or their official representatives</i>

The working documents of the meeting are available on the COOMET webportal (TC 2 Section)¹.
<https://www.coomet.net/organization/tc-2-legal-metrology/meetings/documents-for-tc2-members/>

The updated version of the TC 2 Work Program for 2021-2023 (taking into account the resolutions of this meeting) is given in **Annex 1 to these Minutes**.

¹ To gain restricted access rights, TC 2 members should contact the COOMET Secretariat (coomet@belgim.by).

Based on the results of the meeting the following resolutions of the 23rd meeting of TC2 “Legal Metrology” were agreed:

№	Resolutions
	1. About the results of the 33rd online COOMET Committee meeting regarding TC 2 activities
1.	To take note of the information about the resolutions of the 33 rd COOMET Committee meeting, inter alia about the refinement of objectives, tasks and fields of cooperation in document COOMET D1 "COOMET Memorandum of Understanding" in general and for the field "Legal Metrology" in particular.
2.	To request TC 2 members to be guided by the updated version of document COOMET D5.12 "Regulation on the COOMET Technical Committee "Legal Metrology" (TC 2)"
	2. Brief report about the activities of TC 2 in 2021-2022. About the TC structure, new TC 2 members and TC 2 experts 3. About the appointment of field coordinators
3.	To take note of the information about the TC 2 activities in 2021-2022, about new TC 2 members, appointed in COOMET member countries. <i>Note: the up-to-date information about TC 2 members is available at https://www.coomet.net/organization/tc-2-legal-metrology/members/</i>
4.	To consider it appropriate to create a joint field in LM within TC 2 – field 2.1 "Measuring devices and systems in legal metrology" and to appoint Maksim Shabanov, Belarus, its coordinator.
5.	To consider it appropriate to appoint a new coordinator of field 2.3 "Conformity assessment of measuring instruments" – Marat Yunusov, Uzbekistan.
6.	To request TC2 members to send information to the TC2 Secretariat about the experts from their countries, who are ready to take part in the discussion of the issues of cooperation in all fields of LM (deadline – 20.01.2023).
7.	To request the elected TC 2 Chair to organize in conjunction with the COOMET Secretariat online working meetings of countries' experts in fields 2.1 – 2.5 during the first six month of year 2023 in order to discuss possible subjects of cooperation within each field. To request field Coordinators to present the results at the next TC 2 meeting in 2023.
	4. About the implementation of the TC2 Work Program for 2021-2023 (program COOMET P3/2021):
	4.1 COOMET projects related to the translation of OIML publications and other documents:
	4.1.1 project 834/RU/21 "Translation of document OIML D 1:2020 "National metrology systems – Developing the institutional and legislative framework" (coordinator – Y.Androshchuk, VNIIMS, Russia)
8.	1) To take note of the information about the preparation of a draft translation of OIML D 1:2020 and its preliminary review by interested TC 2 members. 2) To request the project Coordinator to finalize the refined version of the translation in view of the comments and proposals received from Uzbekistan and to submit the final version to the COOMET Secretariat by 26.12.2022 at the latest . 3) To request the COOMET Secretariat to organize review of the final version of the translation among TC 2 members (deadline is 01.02.2023). 4) In the absence of comments, to request the Coordinator to complete COOMET project 834/RU/21 in accordance with the established procedure. 5) To request the COOMET Secretariat to post the translation on the COOMET webportal. ²
	4.1.2 project 845/KG/21 "Translation of document ILAC-G24/OIML D 10:2007 "Guidelines for the determination of calibration intervals of measuring instruments" (coordinator – M.Denisova, CSM, Kyrgyzstan)

² All translations of OIML publications will be published at <https://www.coomet.net/ru/publikacii/perevody-na-russkii-jazyk-dokumentov-mezhdunarodnykh-organizacij/>

№	Resolutions
9.	<p>1) To take note of the information about the preparation of a draft translation of ILAC-G24/OIML D 10:2007 and its preliminary review by interested TC 2 members.</p> <p>2) To request the COOMET Secretariat to organize review of the final version of the translation among TC 2 members (deadline is 01.02.2023).</p> <p>3) In the absence of comments, to request the Coordinator to complete COOMET project 845/KG/21 in accordance with the established procedure.</p> <p>4) To request the COOMET Secretariat to post the translation on the COOMET webportal.</p>
	<p>4.1.3 project 838/BY/21 "Translation of document OIML D 30:2020 "Guide for the application of ISO/IEC 17025 to the assessment of Testing Laboratories involved in legal metrology" (coordinator – M.Shabanov, BelGIM, Belarus)</p>
10.	<p>1) To take note of the information about the preparation of a draft translation of OIML D 30:2020 and its preliminary review by interested TC 2 members.</p> <p>2) To request the COOMET Secretariat to organize review of the final version of the translation among TC 2 members (deadline is 01.02.2023).</p> <p>3) In the absence of comments, to request the Coordinator to complete COOMET project 838/BY/21 in accordance with the established procedure.</p> <p>4) To request the COOMET Secretariat to post the translation on the COOMET webportal.</p>
	<p>4.1.4 project 836/RU/21 "Translation of document OIML D 31:2019 "General requirements for software controlled measuring instruments" (coordinator – Y.Androshchuk, VNIIMS, Russia)</p>
11.	<p>1) To take note of the information about the preparation of a draft translation of OIML D 31:2019.</p> <p>2) To request the project Coordinator to submit a draft translation to the COOMET Secretariat by 15.12.2022 at the latest.</p> <p>3) To request the COOMET Secretariat to organize review of the final version of the translation among TC 2 members (deadline is 01.02.2023).</p> <p>4) In the absence of comments, to request the Coordinator to complete COOMET project 836/RU/21 in accordance with the established procedure.</p> <p>4) To request the COOMET Secretariat to post the translation on the COOMET webportal.</p>
	<p>4.1.5 project 839/BY/21 "Translation of document OIML D 32:2018 "Guide for the application of ISO/IEC 17065 to assessment of certification bodies in legal metrology" (coordinator - M.Shabanov, BelGIM, Belarus)</p>
12.	<p>1) To take note of the information about the preparation of a draft translation of OIML D 32:2018 and its preliminary review by interested TC 2 members.</p> <p>2) To request the COOMET Secretariat to organize review of the final version of the translation among TC 2 members (deadline is 01.02.2023).</p> <p>3) In the absence of comments, to request the Coordinator to complete COOMET project 839/BY/21 in accordance with the established procedure.</p> <p>4) To request the COOMET Secretariat to post the translation on the COOMET webportal.</p>
	<p>4.1.6 project 832/UZ/21 "Translation of recommendation OIML R 75-3:2006 "Heat meters. Part 3: Test Report Format" (coordinator - N. Raymjonov, UzNIM, Uzbekistan)</p>
13.	<p>1) To take note of the information about the preparation of a draft translation of OIML R 75-3:2006 and its preliminary review by interested TC 2 members.</p> <p>2) To request the COOMET Secretariat to organize review of the final version of the translation among TC 2 members (deadline is 01.02.2023).</p> <p>3) In the absence of comments, to request the Coordinator to complete COOMET project 832/UZ/21 in accordance with the established procedure.</p> <p>4) To request the COOMET Secretariat to post the translation on the COOMET webportal.</p>
	<p>4.1.7 project 840/BY/21 "Translation of guide OIML G 14:2011 "Density measurement" (coordinator – N.Liakhova, BelGIM, Belarus)</p>

№	Resolutions
14.	<p>1) To take note of the information about the preparation of a draft translation of OIML G 14:2011 and its preliminary review by interested TC 2 members.</p> <p>2) To request the project Coordinator to finalize the refined version of the translation in view of the comments and proposals received from Uzbekistan by 15.12.2022 at the latest.</p> <p>3) To request the COOMET Secretariat to organize review of the final version of the translation among TC 2 members (deadline is 01.02.2023).</p> <p>4) In the absence of comments, to request the Coordinator to complete COOMET project 840/BY/21 in accordance with the established procedure.</p> <p>5) To request the COOMET Secretariat to post the translation on the COOMET webportal.</p>
	<p>4.1.8 project 827/RU/21 "Translation of the UNIDO-OIML Brochure "Certification of measuring instruments" (coordinator – A.Kuzin, VNIIMS, Russia)</p>
15.	<p>1) To take note of the information about the preparation of a draft translation of the UNIDO-OIML Brochure "Certification of measuring instruments" and its preliminary review by the members of the WG for the project.</p> <p>2) To request the project Coordinator to inform the Acting Chair of TC 2 on obtaining permission from UNIDO (OIML) for publication of the Brochure translation, inter alia on the COOMET information resources.</p> <p>3) To request the project Coordinator to make a design of the Russian translation of the Brochure as close as possible to the original.</p> <p>4) As soon as the final version of the Brochure in Russian is received, to request the COOMET Secretariat to send it to COOMET member countries for review.</p> <p>5) To consider it appropriate to complete COOMET project 827/RU/21 after the Brochure is posted on the COOMET information resources.</p>
16.	<p>1) To endorse holding of a COOMET webinar on the OIML Certification System for interested specialists of COOMET member countries in 2023; the dates of the webinar should be negotiated in due course when work under Resolution 15 is completed.</p> <p>2) To request the COOMET representative to OIML-CS Aleksandr Kuzin (Russia) to start preparing proposals on the webinar program and possible speakers – to discuss them during an online meeting, involving the Elected TC 2 Chair, coordinator of field 2.3 "Conformity assessment of measuring instruments" and COOMET Secretariat on a convenient date.</p> <p>3) To request the COOMET Secretariat to inform stakeholders about the scheduled webinar at least two month before its date.</p>
	<p>4.2 About preparation of COOMET recommendations on the issues related to OIML publications (G19, D10, D23, D30 etc.)</p>
17.	<p>1) To request the Coordinators of fields 2.1 – 2.5 to preliminarily consider the appropriateness of preparing COOMET recommendations on the issues, related to OIML publications, at online working meetings with experts of fields 2.1 – 2.5 according to Resolution 7.</p> <p>2) To continue discussion of the issue at the next TC 2 meeting in 2023.</p>
	<p>4.3 About preparation of a COOMET Plan for translation of OIML publications into Russian for 2023-2024</p>
18.	<p>1) To consider it appropriate to initiate a COOMET project on the translation of the International Vocabulary of Terms in Legal Metrology VIML (version 2022) in 2023.</p> <p>2) To request the interested members of TC 2 to inform the Elected TC 2 Chair (with a copy to the COOMET Secretariat) about their willingness to act as the project Coordinator by 20.01.2023.</p>

№	Resolutions
19.	<p>1) To request the Elected TC 2 Chair in conjunction with the COOMET Secretariat to conduct a survey among TC2 members from Azerbaijan, Armenia, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan and Uzbekistan as to translations of what OIML publications (TOP10) are currently the most relevant for their countries, by 30.03.2023.</p> <p>2) To present the consolidated proposals from the countries to the COOMET Plan for translation of OIML publications at the next TC 2 meeting in 2023 for discussion and taking into account in preparing a draft Work Program of TC 2 for 2024-2026.</p>
	4.4 About implementation of COOMET projects on other issues of TC 2 activities
	4.4.1 project 844/UA/21 "Drawing up and publication of a list (with links) of adopted rules, guides, recommendations in the field of legal metrology of other RLMOs, which are of interest for COOMET member countries" (coordinator – Y.Kuzmenko, Ukrmetrteststandart, Ukraine)
20.	<p>1) To take note of the information about posting of a list of translations into Russian of documents of regional organizations with summaries on the COOMET webportal. See https://www.coomet.net/publications/translations-into-russian-of-documents-of-regional-organizations/</p> <p>2) To consider it appropriate to update the list annually (ahead of the TC 2 meeting). To include the information about the state of the list in the agendas of annual TC 2 meetings.</p>
21.	To consider it appropriate to draw up a form of agreed COOMET project 844/UA/21 on behalf of a new coordinator – elected TC 2 Chair with the update of the country code (replacement for UZ).
22.	<p>1) To request the Elected Chair of TC 2 in conjunction with the COOMET Secretariat to complete the survey among TC2 members for the assessment of the current situation with regard to the application of Guides of WELMEC and other RLMOs in COOMET member countries and appropriateness of their application in the future by 30.06.2023. To present the results of the survey at the TC2 meeting in 2023.</p> <p>2) To consider the issue of drawing up a Plan for translation of Guides of WELMEC and documents of other RLMOs into Russian (taking into account the results of the survey under item 1 of this resolution) at the TC 2 meeting in 2023.</p> <p>3) To take note of the information about obtaining permission from WELMEC for the publication of translations of its Guides, provided that the requirements of the document "Conditions for the Use and Translation of WELMEC e.V. Guides" of 13.08.2021 (kept in the COOMET Secretariat) are met.</p> <p>4) To consider it appropriate to translate documents of other RLMOs and post the translations on the COOMET information resources, provided that permissions are obtained from the corresponding organizations.</p>
	4.4.2 project 716/BY-a/17 "Development of rules for setting up reverification and recalibration intervals for measuring instruments used in the field of legal metrology" (coordinator – M.Shabanov, BelGIM, Belarus)
23.	<p>1) To take note of the information about the project implementation.</p> <p>2) To request the project Coordinator to finalize by 20.12.2022 at the latest:</p> <ul style="list-style-type: none"> - the refined version of a draft COOMET recommendation "Reverification (recalibration) intervals for measuring instruments, used in legal metrology. Rules for their determination and setting up"; - the draft Recommendation on metrology "Assessment of reverification intervals for measuring instruments used in the field of legal metrology" (work of BelGIM's authorship, Belarus, performed on its own initiative), and to submit them to the COOMET Secretariat to be further sent to members of the WG for the project and experts in field 2.1 for review and assessment of the appropriateness of either combining the mentioned drafts in one recommendation or preparing a separate recommendation and a COOMET information material. <p>3) The final decision under item 2 of this resolution should be made based to the results of discussion during an online working meeting with experts in field 2.1 according to Resolution 7.</p> <p>4) To present information about the progress of work at the TC 2 meeting in 2023.</p>
	4.4.3 project 797/BY/19 "Review of approaches to the metrological support of medical measuring instruments" (coordinator – M.Shabanov, BelGIM, Belarus)

№	Resolutions
24.	<p>1) To take note of the information about the preparation of a brief review under the project based on the results of the survey among interested countries (AZ, BY, BH, CN, GE, KG, KZ, RU, UA) and about submission of this information to the Coordinator of field 2.2 "Medical equipment with measuring functions" (Nuriddin Raymjonov, UzNIM, Uzbekistan).</p> <p>2) To discuss the results of the survey during an online working meeting with experts in field 2.2 according to Resolution 7, as required (by the decision of the Coordinator of field 2.2).</p> <p>3) To request the Coordinator to complete COOMET project 797/BY/19 in accordance with the established procedure by 30.12.2022.</p>
	<p>4.4.4 project 831/UZ-a/21 "Update of the COOMET recommendation R/LM/8:2002 "Layout, Presentation, Drawing Up and Contents of Measuring Instrument Type Specifications for National Register of Measuring Instruments" (coordinator - N. Raymjonov, UzNIM, Uzbekistan)</p>
	<p>Discussion of proposals of the COOMET Task Group on the Issues of Digital Transformation in Metrology (TG-DigTr) in terms of preparing COOMET recommendations in conjunction with TC 2</p>
25.	<p>1) To request the project Coordinator to complete the preparation of draft updated recommendation COOMET R/LM/8 and submit the final version to the COOMET Secretariat by 01.02.2023 at the latest to be further sent to members of the WG for the project and experts in fields 2.1 and 2.4 for review.</p> <p>2) To request the project Coordinator to present information about the implementation of project 831/UZ-a/21 at the next TC 2 meeting in 2023.</p>
26.	<p>1) To take note of the information from the Chair of WG-DigTr Andrey Pankov about the proposals in terms of preparation of COOMET recommendations in conjunction with TC 2:</p> <ul style="list-style-type: none"> - "Structure of and requirements for digital certificates, data sheets and type descriptions for measuring instruments in COOMET member countries" - "Structure of and requirements for digital verification certificates for measuring instruments in COOMET member countries" <p>2) To request the Chair of WG-DigTr to inform the COOMET Secretariat about the completion of work under the project "Preparation of a COOMET recommendation "Structure of and requirements for digital MI group card descriptions in COOMET member countries" as the basis for further work on the projects under item 1 of this resolution.</p>
	<p>4.4.5 project 823/BY/21 "Update of the COOMET recommendation R/LM/25:2015 "Procedure for recognizing technical devices as measuring instruments" (coordinator – M.Shabanov, BelGIM, Belarus)</p>
27.	<p>1) To request the project Coordinator to complete the preparation of draft updated recommendation COOMET R/LM/25 and submit the final version to the COOMET Secretariat by 15.02.2023 at the latest to be further sent to members of the WG for the project and experts in field 2.1 for review.</p> <p>2) To discuss the draft updated recommendation during an online working meeting with experts in field 2.1 according to Resolution 7.</p> <p>3) To update the membership of the WG for the project according to the online meeting results and to request the Coordinator to draw up a form of the agreed COOMET project in accordance with the established procedure.</p> <p>4) To request the project Coordinator to present information about the implementation of project 823/BY/21 at the next TC 2 meeting in 2023.</p>
	<p>4.4.6 project 830/BY/21 "Update of the COOMET recommendation R/LM/28:2016 "Template procedure for testing of software of measuring instruments" (coordinator – M.Shabanov, BelGIM, Belarus)</p>
28.	<p>1) In view of the additional inspection of the scientific and technical level, to support the proposal of the Coordinator on the inappropriateness of update of recommendation COOMET R/LM/28:2016.</p> <p>2) To remain recommendation COOMET R/LM/28:2016 "Template procedure for testing of software of measuring instruments" in use without revision and amendments due to the relevance of its content (based on item 8.5 of document COOMET D4/2022).</p> <p>3) To consider it appropriate to exclude project 830/BY/21 from the TC 2 Work Program for 2021-2023.</p> <p>4) To take note of the need for a scheduled inspection of the scientific and technical level of recommendation COOMET R/LM/28:2016 in 2027.</p>

№	Resolutions
	4.4.7 project 841/BY/21 "Update of the COOMET recommendation R/LM/26:2015 "General requirements for the competence of verification laboratories" (coordinator – M.Shabanov, BelGIM, Belarus)
29.	<p>1) In view of the additional inspection of the scientific and technical level, to support the proposal of the Coordinator on the inappropriateness of update of recommendation COOMET R/LM/26:2015.</p> <p>2) To remain recommendation COOMET R/LM/26:2015 "General requirements for the competence of verification laboratories" in use without revision and amendments due to the relevance of its content (based on item 8.5 of document COOMET D4/2022).</p> <p>3) To consider it appropriate to exclude project 841/BY/21 from the TC 2 Work Program for 2021-2023.</p> <p>4) To take note of the need for a scheduled inspection of the scientific and technical level of recommendation COOMET R/LM/26:2015 in 2027.</p>
	4.5 About the appropriateness of continuing work on project 778/UA-a/19 "Development of a COOMET Recommendation "Metrological control of measuring information systems. The main provisions" and appointing a new coordinator
30.	<p>1) To discuss the appropriateness of continuing work on project 778/UA-a/19 "Development of a COOMET Recommendation "Metrological control of measuring information systems. The main provisions" during an online working meeting with experts in field 2.1 according to Resolution 7.</p> <p>2) In case of a positive decision, to define a new project Coordinator and to request him or her to draw up a form of the agreed COOMET project with the update of the country code.</p> <p>3) To request the Coordinator of field 2.1 (Maksim Shabanov, Belarus) to present information about the adopted decision at the next TC 2 meeting in 2023.</p>
	4.6 About the appropriateness of launching the project "Analysis of the impact of digitalization on state metrological supervision"
31.	<p>1) To discuss the appropriateness of launching a project "Analysis of the impact of digitalization on state metrological supervision" during an online working meeting with experts in fields 2.4 and 2.5 according to Resolution 7.</p> <p>2) In case of a positive decision, to define the project Coordinator and to request him or her to draw up a form of the proposed COOMET project.</p>
32.	<p>To discuss the appropriateness of launching the following new COOMET projects during an online working meeting with experts in field 2.5 (in view of the resolutions of the 22nd TC 2 meeting):</p> <ul style="list-style-type: none"> – Analysis of administrative and enforcement actions when violations of obligatory requirements in the field of ensuring the uniformity of measurement are detected; – Preparation of recommendations on the assessment of damages, being done to an enterprise or to a consumer when metrological requirements are not met; – Analysis of the ways of limiting the scope of state regulation of ensuring the uniformity of measurements in COOMET member countries.
33.	To request the Coordinator of field 2.5 (Ruf Genkina, Russia) to present information about the adopted decisions at the next TC 2 meeting in 2023.
	4.7 About the appropriateness of launching the project "Development of additional criteria for the procedure of authorizing the organizations, intended to perform type approval tests of measuring instruments (in view of OIML D30)"
34.	To consider it appropriate to exclude the project "Development of additional criteria for the procedure of authorizing the organizations, intended to perform type approval tests of measuring instruments (in view of OIML D30)" from the TC Work Program for 2021-2023.
	4.8 Discussion of proposals on new projects
	<i>See resolutions 18</i>
35.	To endorse in general amendments to the TC 2 Work Program for 2021-2023 in view of the resolutions of this meeting (Annex 1 to the Minutes).

№	Resolutions
	5 About the results of the survey on challenges related to the regulation of smart meters in COOMET member countries and discussion of the appropriateness of launching a COOMET project to continue work on this subject
36.	<p>1) To take note of the results of the survey among TC 2 members on the challenges related to the regulation of smart meters in COOMET member countries, conducted as part of preparation to the RLMO Round Table (27.09.2022), and to note the relevance of this problem for COOMET.</p> <p>2) To request the COOMET President to send an official letter to the BIML with the proposal to formulate a term "smart meters" (as measuring instruments, with the indication of their metrological features in view of the "smart" technology) in an OIML publication so that this term has the same meaning in all countries and regions.</p>
37.	<p>1) To consider it appropriate to hold a seminar "Issues of the metrological ensuring of measurements using smart meters" (possibly involving representatives of the producers of such measuring instruments) ahead of the TC 2 meeting in 2023 to exchange experiences on that issue.</p> <p>2) To request the elected TC 2 Chair in conjunction with the COOMET Secretariat to start preparations on the seminar program.</p>
38.	To make a decision on the appropriateness of launching a COOMET project or taking other steps in terms of discussing this problem within COOMET at the next TC meeting in 2023.
	6 Discussion of possible topics of training events on the issues of LM of interest to specialists of COOMET member countries
39.	<p>1) To request the Elected TC 2 Chair in conjunction with the COOMET Secretariat to complete the survey among TC 2 members to define possible topics and format of training events on the issues of LM of interest to specialists of COOMET member countries by 30.06.2023.</p> <p>2) To present the survey results at the TC 2 meeting in 2023 and to formulate exact topics of the training seminars to be included in the Plan of COOMET training events for 2023-2024 and beyond.</p>
	7 Miscellaneous issues
40.	<p>1) To request the Elected TC 2 Chair in conjunction with the COOMET Secretariat to initiate in 2023 preparation of the updated information about the legal metrology systems in COOMET member countries published on the COOMET webportal: https://www.coomet.net/activities/legal-metrology/lm-in-coomet-countries/</p> <p>2) To present the results at the next TC 2 meeting in 2023.</p>
	8 Venue and date of the next TC2 meeting
41.	<p>To hold the 24th TC 2 meeting in September-October 2023.</p> <p>To request TC 2 members to inform about the possibility of organizing an offline TC 2 meeting (1 day) and seminar "Issues of the metrological ensuring of measurements using smart meters" (1 day) in their countries and make proposals on exact dates by 30.03.2023.</p> <p>In the absence of an invitation, to hold both events online. The exact dates should be negotiated with TC 2 member in due course by 01.05.2023 at the latest.</p>
42.	The TC 2 Secretariat should arrange posting of the working documents and resolutions of the 23rd TC 2 meeting on the COOMET web-portal; deadline is 01.02.2023 .

Under **item 9 of the agenda**, a **TC 2 Chair** was elected.

The Acting Chair of TC 2 received an official letter with the nomination of the TC 2 member from Uzbekistan Marat Yunusov for the position of the TC 2 Chair.

According to subsection 5.2.3.2 of document D5/2021 "Model Regulations for COOMET Structural Bodies" (taking into account subsection 3.3.2 of document COOMET D5.12/2022 "Regulation on the COOMET Technical Committee "Legal Metrology" (TC 2):

Elections of the CSB Chair shall be held in the form of a secret ballot among CSB members at the CSB meeting. The decision is considered to be adopted if 2/3 of votes are given FOR the candidature of the Chair (in case of one candidate) and by the simple majority of votes (in case of two and more candidates) from the number of CSB members, who took part in the voting.

A secret ballot was held among TC 2 members using the "Polling" function of the Zoom platform.

8 TC 2 members or their official representatives took part in the voting.

One candidature – **Marat Yunusov (UzNIM, Uzbekistan)** was included in the voting ballot.

Voting results:

Votes cast – 8

FOR – 6

AGAINST – 1

ABSTAIN - 1

The election shall be considered valid.

The voting results will further be submitted to the COOMET Presidential Council for adoption and to the COOMET Committee for approval.

The Acting Chair of TC 2 Nadezhda Liakhova thanked all meeting participants for their active work and wished the Elected TC 2 Chair Marat Yunusov every success in performing his duties (following the approval of his candidature by the COOMET Committee).

Nadezhda Liakhova also expressed gratitude to the former Chair of TC 2 Yuriy Kuzmenko and to the TC 2 Secretariat (Igor Pototskiy, Natalia Milkovskaya) for their contribution to the organization of COOMET activities on the issues of legal metrology.



Nadezhda Liakhova,
Acting Chair of TC 2