

ANNUAL REPORT of COOMET QF and TC3.1 "Quality Forum Technical Committee" for 2022.

1. General characteristic of cooperation in this thematic area

The difficult situation in COOMET has also affected the work of the Quality Forum and TC 3.1 in 2022. It is difficult to hold meetings of the Quality Forum and TC 3.1 on Quality in a face-to-face format. In 2022, meetings were held only in an online format and there were also some difficulties in organizing and conducting external audits of the QMS.

The main changes relate to the transfer of activities for the implementation of CIPM MRA NMI/DI Georgia 65 SMS lines (GEOSTM) and Ukraine 314 SMS lines (NSC IM "Institute of Metrology" - Kharkiv, SE "Ukrmetrteststandard" - Kiev, SE "NDI Systema" - Lvov, SE "Ivano-Frankivskstandard metrologia" - Ivano-Frankiv) was transferred to EURAMET from 01.02.2023.

It is also worth noting that the Republic of Cuba has been an associate member of the GCM since December 19, 2000 and has lost this status since December 31, 2021. According to the information of the representative of Cuba in the TC, presented at the meeting on December 9, 2022, Cuba began the process of restoring membership in CGPM (this issue was discussed at the meeting of the TC on quality on March 10, before deciding to organize a partner evaluation of 3 Cuban NMI/DI: INIMET, CENTIS and CPHR. Specific updated information has not yet been received from representatives of Cuba).

The assessment of the QMS of the NMI/DI of the COOMET member countries is carried out in accordance with the requirements of the Recommendation of SOOMET R/AQ/9:2019 "Recommendations for the evaluation of quality management systems of NMI/DI", Recommendations of SOOMET R/AQ/34:2021 "Temporary procedure and procedure for the evaluation (peer review) of quality management systems of National Metrological institutions/ Designated Institutes during the COVID-19 pandemic" and the Recommendations of COOMET R/AQ/13:2019 "Procedure and procedure for evaluating quality management systems of NMI/DI" and taking into account the requirements of documents developed under the CIPM MRA Mutual Recognition Agreement.

In 2022, it was planned to conduct external inspections of the KazStandart QMS (Kazakhstan) according to ISO 17034, also in terms of ISO/IEC 17025 and UzNIM (Uzbekistan) according to ISO/IEC 17025 in a hybrid format. The audit of the QMS KazStandart (Kazakhstan) took place in November 2022, the audit of UzNIM (Uzbekistan) was postponed to February 2023 (conducted in March 2023)

The positive results of the QMS assessment are certified by the Certificate of COOMET on the recognition of the QMS, information about which is published on the information resources of COOMET (www.coomet.net).

Information about the current Certificates of COOMET on the recognition of the QMS (as of 01.01.2023) is given in Appendix 1.

The list of COOMET Auditors is presented in the table below.

Регистрационный № Registration №	Имя, фамилия Name	Страна country	Организация organization
COOMET – A.02	Татьяна Коломиец Tatiana Kolomiets	Беларусь Belarus	БелГИМ BelGIM
COOMET – A.03	Ирина Войтек Iryna Voitsek	Беларусь Belarus	БелГИМ BelGIM
COOMET – A.04*	Наталья Муравская Natalia Muravskaya	Россия Russia	ВНИИОФИ VNIIOFI
COOMET – A.05*	Андреас Один Andreas Odin	Германия Germany	ПТБ PTB
COOMET – A.06	Дина Чепурная Dina Chepurnaya	Россия Russia	ВНИИФТРИ VNIIFTRI
COOMET – A.07	Нино Миканадзе Nino Mikanadze	Грузия Georgia	GEOSTM

COOMET – A.09	Азер Курбанов Azer Gurbanov	Азербайджан Azerbaijan	AzMI AzMI
COOMET – A.10	Виктория Постникова Viktoriia Postnikova	Украина Ukraine	ННЦ "Институт метрологии" NSC "Institute of Metrology"
COOMET – A.11	Виктория Томашева Viktoriya Tomasheva	Беларусь Belarus	БелГИМ BelGIM
COOMET – A.12	Ксения Каширина Ksenia Kashirina	Россия Russia	ВНИИОФИ VNIIOFI

* is not an active/active auditor

2. RESULTS OF THE LAST MEETINGS OF THE QUALITY FORUM AND TC 3.1

During the reporting period (2022), two TC 3.1 meetings and two COOMET Quality Forum meetings were held. Due to the current difficult situation in COOMET, meetings were still held in an online format.

32nd meeting of TC 3.1 "Technical Committee of the Quality Forum" 26th meeting of the COOMET Quality Forum

The 32nd meeting of TC 3.1 "Technical Committee of the Quality Forum" and the 26th meeting of the COOMET Quality Forum were held online on July 21, 2022.

11 representatives of NMI/DI of COOMET member countries took part in the work of TC 3.1 (Azerbaijan, Bosnia and Herzegovina, China, Cuba, Georgia, Germany, Kazakhstan, Moldova, Russia, Tajikistan, Uzbekistan).

At the meeting, the results of the review of the annual reports of NMI/DI for 2021 were reported. Written presentations of the QMS KazStandart (Kazakhstan) according to ISO 17034 and UzNIM (Uzbekistan) according to ISO/IEC 17025 were considered. It was decided to allow KazStandart (Kazakhstan) and UzNIM (Uzbekistan) to oral presentations of the QMS at the Quality Forum.

The Quality Forum was attended by representatives of NMI/DI from 11 COOMET member countries (Azerbaijan, Bosnia and Herzegovina, China, Cuba, Georgia, Germany, Kazakhstan, Moldova, Russia, Tajikistan, Uzbekistan).

At the meeting of the Quality Forum, the decisions taken at the TC 3.1 meeting were announced.

Oral presentations of the KazStandart QMS (Kazakhstan) according to ISO 17034 and UzNIM (Uzbekistan) according to ISO/IEC 17025 were presented at the meeting. After the presentation, the QF participants were asked questions and a lively discussion was held. As a result of the discussion of the presented presentation, the members of QF COOMET expressed their approval for conducting material inspections of QMS KazStandart (Kazakhstan) according to ISO 17034 and UzNIM (Uzbekistan) according to ISO/IEC 17025.

The members of the Quality Forum, who have the right to vote from each COOMET country, took part in the voting and expressed confidence in the QMS KazStandart (Kazakhstan) according to ISO 17034 and UzNIM (Uzbekistan) according to ISO/IEC 17025.

Final decision of the COOMET Quality Forum:

KazStandart (Kazakhstan) and UzNIM (Uzbekistan) should be admitted to the peer review procedure.

33rd meeting of TC 3.1 "Technical Committee of the Quality Forum" 27th meeting of the COOMET Quality Forum

The 33rd meeting of TC 3.1 and the 27th meeting of the Quality Forum were held online on December 09, 2022.

12 representatives of the NMI/DI of the COOMET member countries took part in the work of TC 3.1 (Azerbaijan, Belarus, Bosnia and Herzegovina, Georgia, Kazakhstan, China, Cuba, Moldova, Russia, Tajikistan, Turkey, Uzbekistan).

At the meeting, the results of the external audit of KazStandart (Kazakhstan) according to ISO/IEC 17025 (according to the decision to conduct an audit with a visit to the NMI after an online audit in 2021) and ISO 17034 were reported. The auditor according to ISO/IEC 17025 was Azer Kurbanov (Azerbaijan), according to ISO 17034 Victoria Tomasheva (Belarus). Based on the results of the audit, it was decided to confirm the certificate of recognition of the COOMET QMS Kazstandart for five years (QSF – R81), and according to ISO 17034 to issue a new certificate valid for 5 years.

Since AzMI (Azerbaijan), INIMET, CENTIS and CPHR (Cuba) are running out of certificates according to ISO/IEC 17025, TC 31 members reviewed written presentations of the above-mentioned NMI/DI. At the meeting, after the answers of the representatives of the institutes to clarifying questions, it was decided to allow this NMI/DI to oral presentations of the QMS at the COOMET Quality Forum.

The next meeting of TC 3.1 is scheduled for March 2023.

The Quality Forum was attended by representatives of NMI/DI from 12 COOMET member countries (Azerbaijan, Belarus, Bosnia and Herzegovina, Georgia, Kazakhstan, China, Cuba, Moldova, Russia, Tajikistan, Turkey, Uzbekistan).

At the meeting of the Quality Forum, the decisions taken at the TC 3.1 meeting were announced.

During the meeting, oral presentations of QMS AzMI (Azerbaijan), INIMET, CENTIS and CPHR (Cuba) on ISO/IEC 17025 were presented. After the presentations, the QF participants were asked questions and a lively discussion was held. As a result of the discussion of the presented presentations, the members of the Quality Forum, who have the right to vote from each COOMET country, took part in the voting and expressed confidence in the QMS AzMI (Azerbaijan), INIMET, CENTIS and CPHR (Cuba) according to ISO/IEC 17025.

Final decision of the COOMET Quality Forum:

- AzMI (Azerbaijan) to admit to the external QMS verification procedure in 2023;
- INIMET, CENTIS and CPHR (Cuba) continue preparations for external verification; the decision on the timing of the verification will be made taking into account the resumption of Cuba's participation in the implementation of the CIPM MRA Agreement.

The next meeting of the Forum is scheduled for November 2023; if necessary, the meeting will also be held in the first half of the year.

3. RESULTS OF THE IMPLEMENTATION OF THE COOMET STRATEGY AND THE COOMET DEVELOPMENT PROGRAM

The implementation of the following items of the COOMET Development Program for 2020-2022 will be transferred to the Program for the next three-year period:

21. (Ind-b.1.2) Conducting seminars on the implementation of standards (ISO/IEC 17025:2017 and ISO 17034:2016) in the practice of the research institutes/NI of the COOMET member countries;

26. (Ind-b.3.2) Conducting a seminar(s) for COOMET technical experts on the assessment of the NMI/DI QMS of the COOMET member countries;

28. (Ind-b.4.1) Development of the COOMET Recommendation establishing special requirements (criteria) for the NMI/DI QMS of the COOMET member countries in addition to ISO/IEC 17025:2017.

4. INFORMATION ON THE EXPECTED PLACE AND DATE OF THE NEXT MEETINGS

The next meetings of TC 3.1 are scheduled for March 2023. Due to the current difficult situation in the COOMET, TC 3.1 meetings are planned in a hybrid format (it was held on March 10 in a hybrid format).

The next meeting of the Forum is scheduled for November 2023; if necessary, the meeting will also be held in the first half of 2023.

Nino Mikanadze, Chairman of the Quality Forum
Dina Chepurnaya, Acting Chairman of TC 3.1

Appendix 1

Table 1 - Information on issued COOMET Certificates of recognition of the NMI/DI COOMET QMS for compliance with ISO/IEC 17025 requirements

NMI	Status QMS	Conformation of recognition	Date	Valid date	Metrological areas
VNIIM (Russia)	recognized	QSF-R79	04.03.2021	04.03.2026	AUV, EM, L, RI, T, M, QM
VNIOFI (Russia)	recognized	QSF-R76	04.03.2021	04.03.2026	PR, QM
VNIIFTRI (Russia)	recognized	QSF-R78	04.03.2021	04.03.2026	AUV, EM, RI, T, M, QM, TF
VNIIMS (Russia)	recognized	QSF-R75	04.03.2021	04.03.2026	L, EM
BelGIM (Belarus)	recognized	QSF-R82	30.09.2021	30.09.2026	AUV, EM, RI, T, M, QM, TF, L, PR
NSC "Institute of Metrology" (Ukraine)	recognized	QSF-R86	30.09.2021	30.09.2026	EM, RI, T, M, TF, L, PR
SE "Ukrmetrteststandart" (Ukraine)	recognized	QSF-R84	30.09.2021	30.09.2026	AUV, EM, M, L, PR, QM
SE "NDI Systema" (Ukraine)	recognized	QSF-R72	20.11.2020	15.02.2022 (продлен до 01.06.2023)	AUV
INIMET (Cuba)	recognized	QSF-R67	20.11.2020	04.10.2023	M, L, QM, T, TF
CENTIS (Cuba)	recognized	QSF-R66	20.11.2020	04.10.2023	RI
CPHR (Cuba)	recognized	QSF-R65	20.11.2020	04.10.2023	RI
SE "Ivano-Frankivsktsndartmet rologia" (Ukraine)	recognized	QSF-R73	20.11.2020	04.10.2023	M
KazStandard (Kazakhstan)	recognized	QSF-R81	12.04.2021	12.04.2026	EM, M, L, PR, QM, T, TF
GEOSTM (Georgia)	recognized	QSF-R74	28.01.2021	04.10.2023	EM, M, T, RI, L
AzMI (Azerbaijan)	recognized	QSF-R88	10.03.2023	10.03.2028	T, RI, EM, M
UZNIM (Uzbekistan)	recognized	QSF – R89	10.03.2023	10.03.2028	EM, L, M, PR, RI, T

Table 2 Information on issued COOMET Certificates of recognition of the NMI/NI COOMET QMS for compliance with ISO 17034 requirements

NMI	Satus QMS	Conformation of recognition	Date	Valid date	Metrological areas
VNIIM (Russia)	recognized	QSF-R80	04.03.2021	04.03.2026	Gases Organic solutions Inorganic solutions Electrolytic conductivity, High purity chemicals, advanced materials; food products; coatings, films, and nanomaterials.
VNIOFI (Russia)	recognized	QSF-R77	04.03.2021	04.03.2026	Inorganic solutions Metal and metal alloys Biological fluids and materials
BelGIM (Belarus)	recognized	QSF-R83	30.09.2021	30.09.2026	Gases pH Electrolytic conductivity Radionuclides
SE "Ukrmetrtests tandart" (Ukraine)	recognized	QSF-R85	30.09.2021	30.09.2026	Gases pH Electrolytic conductivity High purity chemicals; Organic solutions; Food
KazStandard (Kazakhstan)	recognized	QSF-R87	09.12.2022	09.12.2027	Gases pH

 - NMI/DI of countries that have transferred the implementation of CIPM MRA to EURAMET

 - NMI/DI the Republic of Cuba, which was an associate member of the GCM and lost this status on December 31, 2021.