

	<b>COOMET Recommendation</b>	<b>COOMET R/GM/12:2021</b>
	<b>Rules of Maintaining of the COOMET Program of Comparisons</b>	
<p><i>Approved at the 15<sup>th</sup> COOMET Committee meeting (8-9 September 2005, Vilnius, Lithuania); updated and amended: at the 17<sup>th</sup> COOMET Committee meeting (24-25 April 2007, Minsk, Belarus), at the 24<sup>th</sup> COOMET Committee meeting (15-16 April 2014, Yekaterinburg, Russia), at the 31<sup>st</sup> COOMET Committee meeting (15-17 June 2021, online).</i></p>		

## 1. SCOPE

These Rules regulate the procedure for creation and update of the COOMET Program of Comparisons, which is approved as an official COOMET publication – COOMET program P2<sup>1</sup>.

## 2. REFERENCES

In these Rules references are made to the following publication:

- COOMET D2 COOMET Rules of Procedure;
- COOMET D6 Procedure for maintaining the COOMET website. General provisions.

## 3. DEFINITIONS

**Mutual Recognition Arrangement of National Measurement Standards and of Calibration and Measurement Certificates Issued by National Metrology Institutes (CIPM MRA)** is a technical arrangement signed by Directors of national metrology institutes to establish a degree of equivalence of national standards and to ensure mutual recognition of calibration and measurement certificates.

**National metrology institute (NMI)** is a metrology institute designated by a national government or another public authority responsible for national standards and participating in the implementation of the CIPM MRA.

**Designated institute (DI)** is an institute responsible for national standards in the areas not covered by NMIs, which maintains CMC lines and participates in the implementation of the CIPM MRA.

**BIPM key comparison database (BIPM KCDB)** is a free web resource and web platform ([www.bipm.org/kcdb](http://www.bipm.org/kcdb)) related to the implementation of the CIPM MRA.

## 4. GENERAL PROVISIONS

4.1. The COOMET Program of Comparisons is intended to plan and monitor work on comparisons of national standards carried out under the auspices of COOMET for the purpose of implementing the CIPM MRA.

4.2. The COOMET Program of Comparisons for the next period is formed based on COOMET projects related to organizing and carrying out of COOMET comparisons and registered in accordance with the COOMET D2.

4.3. A draft COOMET Program of Comparisons for the next period is prepared by the COOMET Joint Committee for Measurement Standards (JCMS). JCMS then submits it at the Presidential Council for discussion and its subsequent approval by the COOMET President.

<sup>1</sup> When using this publication it is appropriate to check the year of approval of referenced publications on the website [www.coomet.org](http://www.coomet.org) (section "COOMET publications") or on the portal [www.coomet.net](http://www.coomet.net) (section "Publications").

4.4. The approved COOMET Program of Comparisons (COOMET P2) for the next period is published on the COOMET information resources ([www.coomet.org](http://www.coomet.org) and [www.coomet.net](http://www.coomet.net)).

4.5. An online version of the COOMET Program of Comparisons reflecting its current state (an electronic version of monitoring the progress of implementation of the COOMET Program of Comparisons for the current period) is published at the COOMET website ([www.coomet.org](http://www.coomet.org)) in the "News" section.

4.6. Discussion of issues related to the COOMET Program of Comparisons must be included in the TC 1.2 – 1.12 meeting agendas.

4.7. Report on the COOMET Program of Comparisons for the past period is considered at the JCMS, Presidential Council and COOMET Committee meetings.

4.8. The annual report on the COOMET Program of Comparisons for the past period is considered and approved by the COOMET Presidential Council.

## **5. RULES OF PROCEDURE FOR THE COOMET PROGRAM OF COMPARISONS**

5.1. Maintenance of the COOMET Program of Comparisons at the COOMET website is regulated by COOMET D6.

5.2. Information support for the COOMET Program of Comparisons includes the following 4 resources that are publicly available at the COOMET website:

- Database (DB) "COOMET Member Countries Comparisons",
- Database (DB) "Projects of the COOMET Program of Comparisons",
- COOMET program P2 "COOMET Program of Comparisons" for the next period approved by the COOMET President,
- electronic version of monitoring of the status of the COOMET Program of Comparisons for the reporting period.

5.3. DB "COOMET Member Countries Comparisons" includes information on key and supplementary comparisons with COOMET NMIs and is updated automatically according to the data published in the BIPM KCDB.

5.4. DB "Projects of the COOMET Program of Comparisons" is generated automatically and includes all COOMET projects related to comparisons of measurement standards.

5.5. A draft COOMET program P2 is generated automatically based on documents of the DB "Projects of the COOMET Program of Comparisons" and presents a list of proposed and agreed projects as of the date of the new projects program.

5.6. The list of projects included in the COOMET Program of Comparisons is divided by the types of measurements and contains the following:

- number of the corresponding COOMET project,
- project (comparison) name,
- project status (proposed/agreed),
- date of the last update,
- comparison type (key/supplementary/pilot).

5.7. The electronic version of monitoring of the status of the COOMET Program of Comparisons for the reporting period is generated automatically based on documents of the DB "Projects of the COOMET Program of Comparisons". It contains the list of proposed, agreed, completed, and excluded projects for the current period, as well as final report on its number, information on the percentage ratio of COOMET key and supplementary comparisons and COOMET comparisons, and percentage ratio of completed and published COOMET comparisons and COOMET comparisons registered in the BIPM KCDB. Electronic version of the monitoring of the status of the COOMET Program of Comparisons is updated automatically based on the information in the DB "Projects of the COOMET Program of Comparisons".

5.8. The list of projects included in the electronic version of the monitoring of the status of the COOMET Program of Comparisons is divided by measurement types and contains numbers of technical committees controlling the corresponding comparisons. For each project, the following information is displayed:

- COOMET project number,
- project (comparison) name,
- project status (proposed/agreed/completed/excluded),
- date of the last update;
- comparison type (key/supplementary/pilot). If a key or a supplementary comparison is registered in the KCDB, its ID is displayed.

5.9. The electronic version of the monitoring of the status of the COOMET Program of Comparisons for the reporting period provides users with complete information on a certain project. Each list entry contains an interactive link to the full text of the corresponding project in the DB "Projects of the COOMET Program of Comparisons".

5.10. The electronic version of the monitoring of the status of the COOMET Program of Comparisons contains a link to its printing version with a full report on the progress of the COOMET Program of Comparisons implementation as of the current date of the reporting period in the MS Word format.

## **Information**

1. Organization, coordinating the development: Joint Committee for Measurement Standards;
2. COOMET project: 828/RU/21.
3. The updated recommendation was approved at the 31<sup>st</sup> COOMET Committee meeting (15 – 17 June 2021, online).