

3-rd TK 1.9. IR Meeting in Kishinev (Moldova):
Brief information for the CCRI members

I.A.Kharitonov.

D.I.Mendeleyev Institute for Metrology St.Petersburg, Russia

The 3-rd TC 1.9. COOMET Meeting in the field of ionizing radiations (IR) was held in period from March 10 till March 12, 2003 in Kishinev (Moldova).

COOMET is the regional organization of the European and Central Asian countries for cooperation in the field of metrology, which comprises at present Germany, Slovakia, Romania, Bulgaria, Lithuania, Russia, Ukraine, Byelorussia, Moldova and Kazakhstan. Besides, Cuba is also in COOMET. At the 12-th COOMET Meeting (Havana, May 2002) its structure was reformed. The Joint Committee for measurement standards was organized which consists of 12 technical committees TC on sorts of activities and sorts of measurements, one of which is TC 1.9. "Ionizing radiations and radioactivity".

The representatives of following national metrological institutes participated in the TC 1.9. Meeting in Kishinev: VNIIM (Russia), VNIIFTRI (Russia), HGNIIM (Ukraine), BelGim (Byelarus), NISM (Moldova) and NMI (Cuba).

The following main problems were considered at the Meeting:

- 1) Formation of structure of TC 1.9.;
- 2) Adoption of a program of work of TC 1.9. in the light of termination of the MRA transition period;
- 3) Execution of project 256/Ru/02: "Development of the guidelines on creation of the measurement standard complex of Republic of Moldova in the field of ionizing radiations and radioactivity".

In the result of discussions of the above mentioned subjects the following decisions were made which are described in Protocol of TC 1.9.

1. It was decided to form in TC 1.9. three sub-committees for conventional directions led by the chairmen
 - Dosimetry - Yu.I. Bregadze (VNIIFTRI)
 - Radionuclide activity measurement – I.A.Kharitonov (VNIIM)
 - Neutrons - H. Klein (PTB).
2. As follows from JCRB 9.12. from 4.10.2002, confirmation of published CMCs is the major task of NMIs before the termination of the MRA transition period on July 4, 2004. In this connection TC 1.9. considers necessary to promote COOMET NMI activities in the field of IR, connected with submission of the CMCs for auditing to COOMET and other RMOs. The chairmen of the PC are suggested to conduct the analysis of the COOMET NMI CMCs in the field of RI on their directions and to submit to the TC a list of key and regional comparisons actual for the majority of NMIs and capable to cover the most important CMC entries.
3. NISM (Moldova) has introduced to the TC a report on the status of the metrology and standardization in the field of IR in Moldova. Besides the participants of Meeting have visited a number of laboratories, in which the

practical work is carried out in the field of a metrology, bound with application in radiotherapy, radiation hygiene and radiation monitoring. The possibilities of Moldova NISM in the field of calibration of ionizing radiation measuring instruments were demonstrated also.

After a discussion the participants of meeting came to conclusion that Moldova has important practical tasks in the field of metrology, which can be most effectively solved having a special laboratory for IR metrology at the NISM. It was decided to colligate the material presented by the NISM within the framework of the last stage of project 256/Ru/02 and to formulate guidelines on instrumentation of actual directions of IR metrology laboratory of the NISM.

Discussions were held at the TC Meeting on problems of development and creation of quality systems in the field of IR in COOMET NMIs, choice of key and regional comparisons for confirmation of the CMC, vital topics for regional and bilateral cooperation.

It was decided to hold the next TC 1.9. meeting in 2004, in Kharkov (Ukraine).