

EUROMET IR-TCC short report to the 17<sup>th</sup> CCRI(II) meeting  
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## 1 General aspects

More than twenty-one NMIs of the EUROMET TC are engaged, to varying degrees, in Ionising Radiation Metrology and taken part in the EUROMET IR projects (cooperation, tracability, comparison, ... ). Information about these projects and other related matters as guidelines, events, and so on can be found at the EUROMET web site ([www.euromet.ie](http://www.euromet.ie)).

The EUROMET Technical Committee on Ionising Radiation is organised in three sub-fields similar to those of the CCRI. Three convenors: T. Aalbers (NMI, for dosimetry), M. Woods (NPL, for radioactivity) and H. Klein (PTB, for neutron measurements) provide support to the TC Chair (N. Coursol, BNM-LNHB).

## 2 Meetings

Twenty EUROMET NMIs represented by about 40 participants and representatives from APMP, AIEA, BIPM, ICRM and EUROMET Executive Committee participated at the IR TC- and WG-meetings held on October 9-11, 2002 in Lisbon and Sacavem, hosted by IPQ/ITN. Syndicate groups were formed to discuss about the status of projects in progress, possible future projects and three working groups coordinated by the convenors were installed for reviewing CMC's and the general requirements of the MRA. For the radioactivity sub field the members elected were: M. Woods, D. Reher and N. Coursol.

The next IR CPs meeting will be on November 6-7, 2003 and will be hosted by STUK (Helsinki, Finland). The end of the transitional period for the MRA and the consequences for the CMCs will be discussed at this meeting.

## 3 CMC submission and review process

### EUROMET CMCs:

The CMCs for fourteen EUROMET NMIs were submitted to the JCRB on November 2001. A second batch with CMC tables for five NMIs is in the final stage of the internal EUROMET review process carried out according to the EUROMET guideline n° 8.

The first batch of the EUROMET CMCs was reviewed by APMP and COOMET. The comments from these two RMOs were considered by the respective NMIs and by the sub field review team. Agreement was found for the radioactivity CMCs and virtually all the

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comments for the neutron CMCs have now been resolved. The reports of these review processes are in progress and it is expected that the final revised tables can be returned to the JCRB within the next few weeks for inclusion in the Appendix C data base.

**RMO CMCs:**

SADCMET (radioactivity) CMCs and IAEA (dosimetry) CMCs have been reviewed by EUROMET IR in 2002. The required amendments were found and EUROMET IR has approved the final revised CMCs tables of these RMOs.

The COOMET CMCs were under review. Comments on the radioactivity CMCs were sent to COOMET. Again, most of these comments are now resolved and the few remaining differences are expected to be resolved in the next few months. The neutron CMC list was already reviewed by PTB and a final check will soon be done.

APMP CMCs were received in March 2003; due to other commitments, it is expected that comments from the TC IR review teams will not become available before July or September 2003.

**4 Other issues**

An RMO Technical Committee Chairman and Working Group meeting for Ionising Radiation CMCs is planned for September 25-26, 2003 hosted by the BIPM. The outcome of this joint meeting would be a) the confirmation of CMCs with appropriate supporting comparisons that are already in the Appendix C data base, b) approval as appropriate of those CMCs that are currently under review and c) agreement on the current guidelines and the future process for review of the CMCs.