

EUROMET IR-TCC short report to the CCRI(II), 2005 meeting at Sèvres

Nelcy Coursol, EUROMET IR-TC Chair

1 General aspects

EUROMET is a cooperative voluntary organisation (MoU signed on 1987-09-23) between national metrology institutes of the European Union including the European Commission, European Free Trade Association and the EU Accession States. EUROMET currently has 31 participating member countries.

In the frame of EUROMET proposed project iMERA (implementing Metrology in the European Research Area) to the European Commission, the exchange of information between the NMIs programmes will enable best practice to be identified and adopted, and also a “no holds barred” will be looked at the structures and interactions of metrology in Europe. The investigation of the evolution of EUROMET structure will be part of this iMERA project. For further information please see <http://www.euromet.org/>.

The **Chairman** of EUROMET for 2004-06 is **Seton Bennett** of NPL, with Gordon Clark (NPL) acting as Secretary.

M. Kralik (CMI) is the new elected convenor for the IR neutron measurement sub-field. The convenors for the sub-fields dosimetry and activity were re-elected on their office, A. Aalbers and M. Woods respectively. However, N. Coursol will replace M. Woods in the office of IR activity convenor on May 2005, after the election of the new IR TCC. The activity review group was updated and its members are: M. Woods, N. Coursol, D. Reher, F.-J. Maringer and J. M. Los Arcos.

The new IR TC Chair will take up his position after the EUROMET General Assembly on 24 May, 2005. **I. Csete** (OMH) is the IR-TCC appointed by the EUROMET delegates from the list of three candidates proposed by the IR Contact Persons.

2 Meetings

The IR CPs have met twice over the past two years, in Helsinki on November 2003 and in Paris on September 2004. These meeting were attended by more than 40 participants from different NMIs, various international organisations and representatives of other RMOs. Useful discussions concerning the CMCs reviews, on both aspects technical and quality system have been undertaken. The progress of agreed projects, the needs for future projects were identified.

QS Forum is the process for presentation and acceptance of the Quality System for the EUROMET NMIs. Several QS Forums meetings held on 2003-05, and the related NMI QS status were reported to JCRB in the frame of MRA.

The next IR CPs meeting will be held next November in Athena, hosted by Hellenic Ionising Radiation Calibration Laboratory (HIRCL/HAEC).

3 CMC submission and review process

EUROMET CMCs status:

- EUROMET.RI.1.2001: 765 radioactivity CMCs from BEV, METAS, CMI, IRMM, BNM, OMH, ENEA, NMI, GUM and NPL, were published at KCDB in October 2003
- EUROMET.RI.3.2001: 668 dosimetry CMCs from BEV, METAS, PTB, STUK, BNM, OMH, ENEA, NMI, GUM, ITN, SSI and NPL, were published in March 2005
- EUROMET.RI.4.2001: 102 neutrons CMCs from CMI, PTB, STUK, BNM, ENEA and NPL have been approved and will be published very soon
- EUROMET.RI.2.2001: 196 radioactivity CMCs are waiting for the EUROMET NMI responses to RMOs comments to be resubmitted to JCRB.

The CMC activity review working group have undertaken the internal EUROMET assessment of CMCs submissions from Latvia, Poland and Rumania .

RMO CMCs:

Over the past two years, the IR-TC CMC review working group has reviewed the ionising radiation CMCs from the RMOS: APMP, SIM and COOMET.

Final approvals were given for the updated activity CMCs: **APMP.RI.1.2003**, **SIM.RI.3.2003**, **SIM.RI.4.2003**, **COOMET.RI.2.2001**, **COOMET.RI.3.2001**, **COOMET.RI.4.2001** and **COOMET.RI.5.2004**. The comments on the activity CMCs **COOMET.RI.6.2004** 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.

4 Other issues

The following comparisons were finished: EUROMET.RI(II)-K2.I-123, EUROMET.RI(II)-K2.Np-237, EUROMET.RI(II)-K2. Sc-47, EUROMET.RI(II)-S1 (Activity concentration of Radon), EUROMET.RI(II)-S2 (Activity of Kr-85 gas), EUROMET.RI(II)-S3 (Activity of H-3 gas mixed with N₂), EUROMET.RI(II)-S4 (Measurement of tritiated water by internal proportional gas counting) and were published into the KCDB.