Worldwide recognition of the results of comparisons of measurement standards

Recommendation 1 (CI-1992)

The Comité International des Poids et Mesures (CIPM),

considering

— the increasingly stringent requirements of science, technology and international trade for traceability in measurement at many levels of accuracy;
— the existence of regional groups of cooperating national standards laboratories;
— the need to have worldwide recognition of the results of comparisons of measurement standards carried out among the laboratories of these regional groups, some of which do not participate in comparisons carried out under the auspices of the CIPM;
— the role of the Bureau International des Poids et Mesures (BIPM) in carrying out and coordinating worldwide comparisons of standards at the highest level;
— the impracticability of the BIPM’s working in all fields and at all levels;

decides that in appropriate cases the BIPM carry out, either directly or through members of the Comités Consultatifs, comparisons with one or more of the laboratories of the member nations of the Convention du Mètre participating in regional comparisons so that the results of these comparisons may be interrelated and thereby given wider international recognition;

and

recommends that national laboratories ensure that the BIPM be kept informed of the progress and results of comparisons, particularly those carried out within the regional groups, so that it may publish them or otherwise make reference to them.