

**ACTION 11 of 10<sup>th</sup> JCRB Meeting: The JCRB Chairman is to check the types of Supplementary Comparisons that are currently listed in Appendix B of the KCDB, to help define the term "Supplementary Comparison".**

*Issues raised at the JCRB meeting:*

- *What is the purpose of supplementary comparisons, and*
- *How may this have been interpreted differently in different metrology areas.*

Rationales for supplementary comparisons that were discussed at the JCRB meeting included:

- a) CC: to cover measurements of specific artefacts;
- b) CC: to cover measurements of parameters not within the "normal" scope of the CC;
- c) RMO: to provide flexibility for comparisons undertaken at the RMO level;
- d) RMO: when there is no established protocol, and very different levels of standards are involved to address needs that may or may not be met within the context of the CCs.

**The following statements are based on a review of existing Supplementary Comparisons in the KCDB and discussion with the relevant CC Executive Secretary on rationales for these. The statements are intended to provide guidance on the definition of a Supplementary Comparison.**

**IN SUMMARY:**

Supplementary comparisons are not intended as second-level comparisons compared with key comparisons, but are normally undertaken under the auspices of the Regional Metrology Organisations, and *not* the Consultative Committees, for the following purposes:

- to support calibration capabilities, i.e., in support of CMC claims, and
- to cover specific needs (e.g., regional needs), measurements of specific artefacts, or measurements of parameters not within the "normal" scope of the CC.

Consultative Committee comparisons involving more than one region should be called CC 'key' comparisons. Alternatively, such a comparison could be organised by an RMO, thus allowing broader participation as deemed appropriate.

Pilot studies are a *third* category of comparison normally undertaken to establish measurement parameters for a "new" field or "new" instrument or as a training exercise.