

## Nomenclature of the key comparisons

Each key or supplementary comparison is identified by a nomenclature which appears under the headline '**Comparison**'. This nomenclature is that proposed by the Director of the BIPM; it is intended to be common to all Consultative Committees and is suggested also for the designation of the corresponding RMO key comparisons.

The nomenclature is composed of two parts. The first part identifies the comparison in a unique way and is written according to a standard procedure as follows.

- First is given the body under the auspices of which the comparison is carried out. It can be:
  - a Consultative Committee '**CC**';
  - the BIPM '**BIPM.**'.
  - a Regional Metrology Organisation designated by its acronym '**APMP.**', '**EUROMET.**', '**SIM.**', etc.

The dot '.' is added for the BIPM and for the acronym of a Regional Metrology Organization simply for clarity in the reading of the nomenclature.

- Second is given the field of measurements, designated as in the titles of Consultative Committees:
  - '**AUV**', for Acoustics, Ultrasound and Vibration;
  - '**QM**', for Amount of substance;
  - '**EM**', for Electricity and Magnetism;
  - '**RI**', for Ionizing Radiation;
  - '**L**', for Length;
  - '**M**', for Mass and related quantities;
  - '**PR**' for Photometry and Radiometry;
  - '**T**' for Thermometry;
  - '**TF**' for Time and Frequency is not yet used since no key comparisons are defined in these fields.
- Third applies only when the comparison is specifically chosen by a given Working Group of a Consultatif Committee. Part or totality of the acronym of the Working Group is written, preceded by a dot:
  - '**.RF**' for the Working Group on Radio Frequencies of the CCEM;
  - '**.M**' for the Working Group on Mass standards of the CCM;
  - '**.P**' for the Working Groups on Pressure of the CCM;
  - '**.F**' for the Working Group on Force of the CCM;
  - '**.D**' for the Working Group on Density of the CCM;
  - '**.H**' for the Working Group on Hardness of the CIPM.

This applies also for the three sections of the CCRI (without the dot):

- '**(I)**' for Section I;
- '**(II)**' for Section II;
- '**(III)**' for Section III;

and also for the CCAUV:

- '**.A**' for Acoustics;
- '**.U**' for Ultrasound;
- '**.V**' for Vibration;
- '**.W**' for Water.

- Fourth is a hyphen '-'.
- Fifth is a capital letter, '**K**' for key comparison, '**S**' for supplementary comparison and '**P**' for pilot study.
- Sixth is a number, generally in the successive order '**1**', '**2**', '**3**', etc.

Two key comparisons corresponding to the same '**Description**' but carried out over two different time intervals should not normally have the same number, though the rest of the nomenclature is the same.

The second part of the nomenclature may be omitted, but is useful to distinguish between several sub-comparisons of a key or supplementary comparison. It can take any form but should always be preceded by a dot '.'. The most usual cases are:

- '.a', '.b', '.c' for several sub-comparisons, corresponding to different ranges of measurements of the same quantity;
- '.Xy- $\alpha\beta\gamma$ ' which appears in the field of Ionizing Radiation for identifying the measurement of a specific radionuclide  $^{\alpha\beta\gamma}\text{Xy}$ .

Dots '.' or hyphens '-' can be added as desirable for clarity in this second part of the nomenclature.