Recommendations adopted
by the Comité International des Poids et Mesures *

Synchronization of UTC(k) and UTC

RECOMMENDATION 1 (CI-1989)

The Comité International des Poids et Mesures,

considering

— that some laboratories report values of UTC(k) to the Bureau International des Poids et Mesures (BIPM) that show significant departures from UTC,
— that the close agreement of timing centres with UTC facilitates the operation of a number of systems in astronomy, geodesy, navigation and telecommunications,

recommends

— that laboratories, in consultation with the BIPM, use appropriate means to reduce existing offsets between UTC(k) and UTC to a few microseconds without making any adjustment in frequency to clocks contributing to TAI.

Improvement of the frequency accuracy of primary standards

RECOMMENDATION 2 (CI-1989)

The Comité International des Poids et Mesures,

considering

— the need to improve accuracy in the scale unitary interval of International Atomic Time (TAI),
— the small number of primary caesium standards contributing effectively to TAI,

recommends

— the construction of new primary caesium standards,
— the improvement of the frequency accuracy of existing primary standards,
— the study of the systematic differences in frequency between them.

* Please note that the official version of these Recommendations is the French one.