

The Consultative Committee for Time and Frequency (CCTF),

**Considering**

- that the BIPM has steadily improved its Time and Frequency visibility in numerous ways, including making available via anonymous download such information as
  - Clock data from both primary and secondary standards
  - Operational time transfer data
  - Backup time transfer data
  - Corrected, processed, reduced, and combined forms of the above data
  - Reports of time transfer calibrations, systematically organized and presented
  - Time scales and other products generated from the above
  - Intermediate products used in the creation of official BIPM products
  - Products and data of special, experimental, and/or unofficial projects, such as recently UTCr
  - Publications and internal staff memos
- that the information is frequently used for official, unofficial, published, informal, and pedagogical studies
- that the information is used by manufacturers seeking to assess the quality of their products, and to improve them
- that the public dissemination of information is of great utility to the Time and Frequency community, and to the improvement of UTC itself
- that detailed information on timekeeping infrastructure would be of great utility to new laboratories beginning to realize UTC
- that the BIPM Time Department has recently circulated a questionnaire soliciting advice about the BIPM's web services, and created a database structure for password-protected distribution of descriptions of the timing infrastructure of contributing laboratories
- that future improvements will continue to be as well-received as the past ones were
- that increased resources may have to be made available to fully implement these recommendations

**Recommends that**

- that efforts to improve the BIPM's internet services continue to be made
- that data from the largest possible set of GNSS be solicited from each participating laboratory
- that detailed information be solicited on the observed performance of all relevant commercial equipment such as amplifiers, frequency standards, and time transfer hardware
- that annual solicitations be made requesting both general and specific comments as to the information that should be made available, the internet file structure, nomenclature, and documentation.