

Draft Recommendation

RECOMMENDATION CCTF # (2015): Real Time Realizations UTC(k) disseminated by Global Navigation Satellite Systems (GNSS)

The Consultative Committee for Time and Frequency,

considering that

- the task of the BIPM is to ensure world-wide uniformity of measurements and their traceability to the International System of Units (SI);
- two GNSS already exist and a few are under development;
- at least two additional GNSS – BEIDOU and GALILEO – are in status offering/close to offering services;
- existing operational GNSS disseminate real time realizations of national UTC(k), e.g. GPS disseminates UTC(USNO) and GLONASS disseminates UTC(SU),
- section 5 of BIPM Circular T publishes the relationship between UTC/TAI and the GNSS System Times (ST), making GPS time and GLONASS time traceable to UTC;

aiming to facilitate

- the access to any user to real time realizations UTC(k) disseminated by existing and future GNSS;

recommends that

- Section 5 of Circular T “Relations of UTC and TAI with UTC(k) disseminated by GNSS and their System Times” continues include information on the relationship of UTC with the UTC(k) disseminated by existing operational GNSS and will include such information on BEIDOU and GALILEO as soon as the systems will become operative.