

Current Time Scale & Time Keeping

- ✚ four HP 5071A Cs frequency standards (3 high performance & 1 standard)
- ✚ one MHM 2010 hydrogen maser

- ✚ one high performance Cs standard is the master clock
- ✚ time algorithm of an ensemble of five clocks is in progress

Time Transfer

- ✚ a dual frequency GPS/GLONASS receiver TTR-3 (current receiver for TAI contribution)
- ✚ two Septentrio GPS carrier phase receivers (performance evaluation in progress, to replace TTS-3 as TAI contribution receiver)
- ✚ two 8-channel Motorola OnCore GPS receiver still in operation for backup (technology obsolete)
- ✚ participated in TWSTFT till March 2009 (to buy a commercial system in future)

Developing Needs

- ✚ calibration of GPS receiver through either a regional or BIPM MRA comparison to reduce type B uncertainty