

**PROPOSED RECOMMENDATION CCTF # (2006):
Concerning unification of the reference frames of global navigation system**

The Consultative Committee for Time and Frequency,

considering that

- exists few global navigation systems and continues developing future ones;
- different time and geodesy reference systems which are in use in these navigation systems produce additional ambiguities for users regarding interpretation of navigation solution and systems interoperability
- exist internationally adopted reference time and geodesy frames, such as UTC and ITRF, and international standards for calculation of different propagation corrections (ionosphere, troposphere, gravity etc.)

aiming facilitate

- more user convenience regarding unification of navigation solution and systems interoperability

recommends that

authorities responsible for existing and developing global navigation systems and manufactures of corresponding equipment adopt appropriate means to insure operation of global navigation systems and receivers based on unified internationally adopted time and geodesy reference frames and international standards for calculation of different propagation corrections (ionosphere, troposphere, gravity etc.)