

ACC/RF recommendations

Proposed Recommendations Reference Frame

1. Understand higher precision of TUG station position estimates compared to other ACs.
2. Aim at further reducing spurious periodic signals in IGS station position time series, by further advances in orbit and tide modelling.
3. Investigate terrestrial scale [rate] differences between GNSS and the other space geodetic techniques.
4. Aim at mitigating the impact of offsets on the long-term stability of the ITRF by:
 - Investigating in situ antenna calibrations, either absolute or relative;
 - Considering next generation of station installations, less subject to environmental errors;
 - Limiting equipment changes at RF stations.
5. Finalize and publish IGS20/igs20.atx by July 22, 2022.

ACC/RF recommendations

Proposed Recommendations Analysis Centre Coordinator

1. Publish the Repro3 combined orbit/clock/bias products along with reference attitudes.
2. Consolidate and formalize the assessments of the Repro3 orbits/clock/bias products.
3. Work with the multi-GNSS working group for a multi-GNSS combination task force; BDS processing.
4. Update of the ACC charter, specifically on the process for becoming an IGS AC, but also on the operational model of the ACC (, and potentially on its relationship with the multi-GNSS working group and multi-GNSS combination task force).
5. Decision on CoM vs CoF issue, and recommendation on SINEX/orbit/clock alignment strategies.
6. Coordination between ACs and Data Centres for the transition to long filenames.

Proposed Recommendations Reference Frame & Analysis Centre Coordinator

1. Transition of the IGS products to IGS20/igs20.atx and the repro3-standards (and long filenames) with trial period August-September 2022, and the final switch October 2022