IGS Repro3: Orbit/clock/bias combination outcomes

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Repro3 combination status

• Multi-GNSS orbit combinations: IGS ACC at GA
• Reference attitudes calculated at TU Graz
• Multi-GNSS clock and bias combinations: Wuhan University; supported by PPP-AR working group and NRCan
• Phase biases since 2000 allow for PPP with ambiguity resolution
• Combined products due to be released
• The orbit/attitude/clock/bias software to be integrated and producing multi-GNSS combinations operationally (final, rapid, ultra-rapid)
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Repro3 assessments

• Assessments of Repro3 orbits at ESA (Tim Springer); SV orbit dynamics session
• Independent multi-GNSS orbit combinations at GFZ and comparisons to IGS ACC combinations; Multi-GNSS session
• Comparisons to SLR at UPWr; this session
• Preliminary PPP validations at NRCan; full PPP validations at Wuhan University; this session
Proposed Recommendations

• Consolidate and formalize the assessments of the Repro3 orbits/clock/bias products
  • Potential new assessments after the public release of the products?

• Work with the multi-GNSS working group for a multi-GNSS task force; BDS processing?
  • What is the level of readiness by the ACs for the processing of BDS?