

Status on Software and Activities

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Software

Status EPOS (Earth Parameter & Orbit System)

- **IERS conventions 2010: implementation nearly finished**
 - **In particular is done:**
 - **DE421 ephemerides, ITRF2008, gravity field, ocean tides, ocean pole tides**
 - **CIO/CIP oriented ITRS-GCRS transformation**
 - **Polynomial pole drift**
 - **GPS absolute phase center variations**
 - **Vienna Mapping Function 1**
 - **Higher Degree ionospheric corrections**
 - **Open: Ocean pole tide loading; coming soon**

Software, II

Next Steps

- **Implement VLBI**

Activities

Current

- Reprocess the pure GPS constellation for the CONT08 campaign with COL and IERS2010 standards:
 - Check with results of the COL groups

Next

- Reprocess the GPS-GRACE constellation
 - with GPS, SLR, K-band data
 - with the above standards
- Add CHAMP
- Add LAGEOS / -2