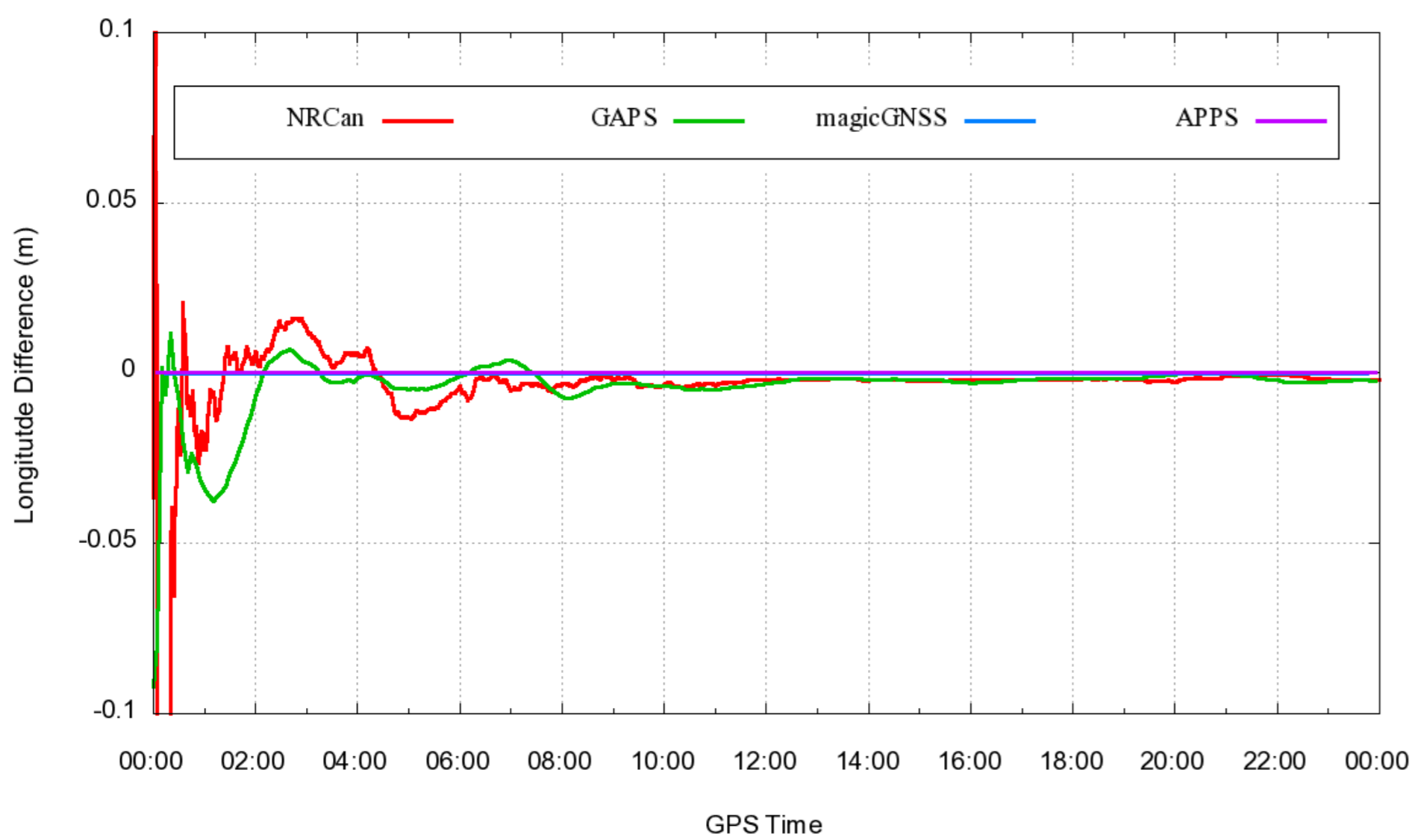


TOWARDS REAL-TIME PPP WITH GPS AND GLONASS

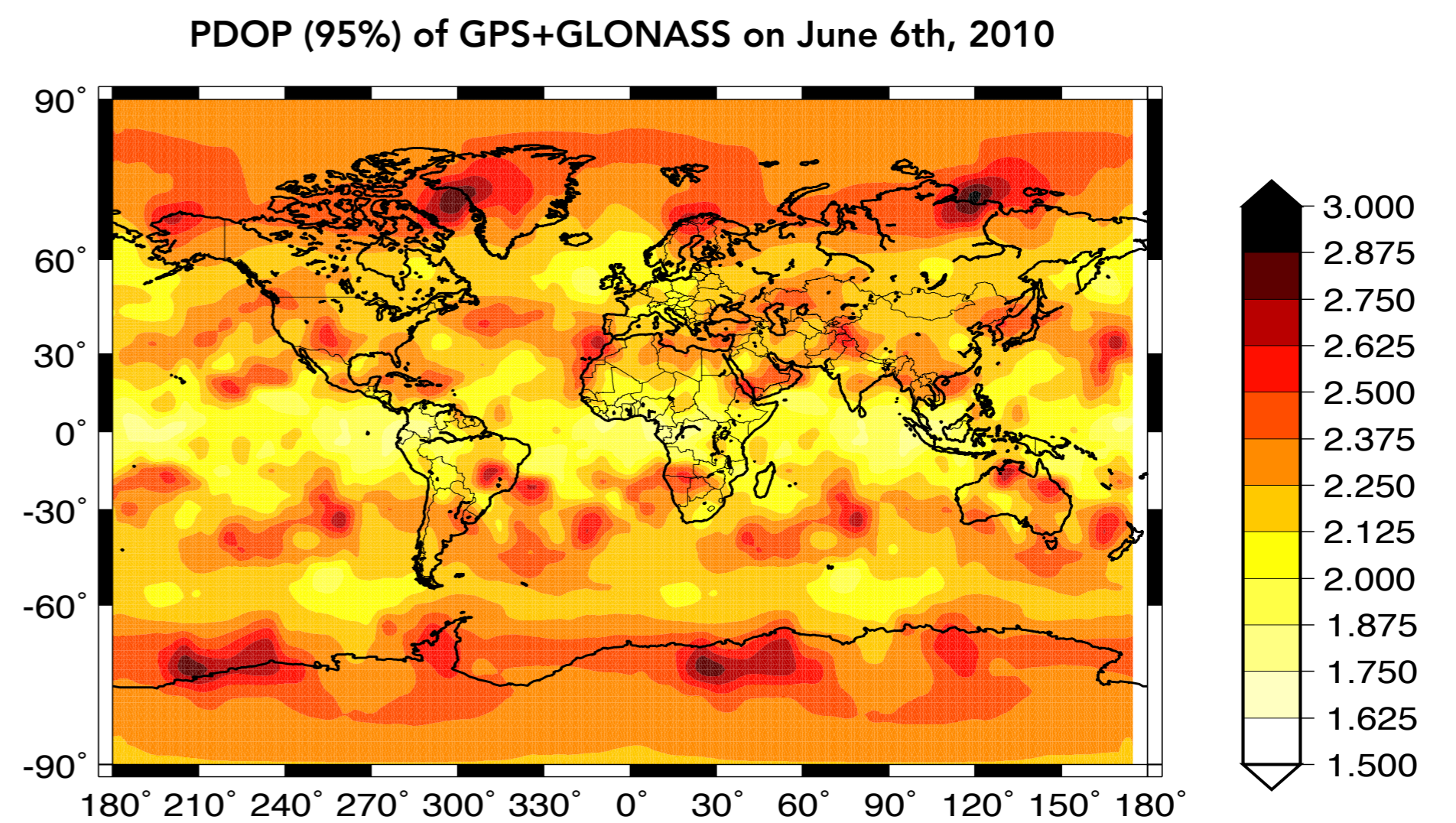
PRECISE POINT POSITIONING

- Precise coordinates, time, ZTD
- Absolute coordinates (vs relative)
- Worldwide coverage
- No nearby reference stations
- But...long convergence time (vs RTK)



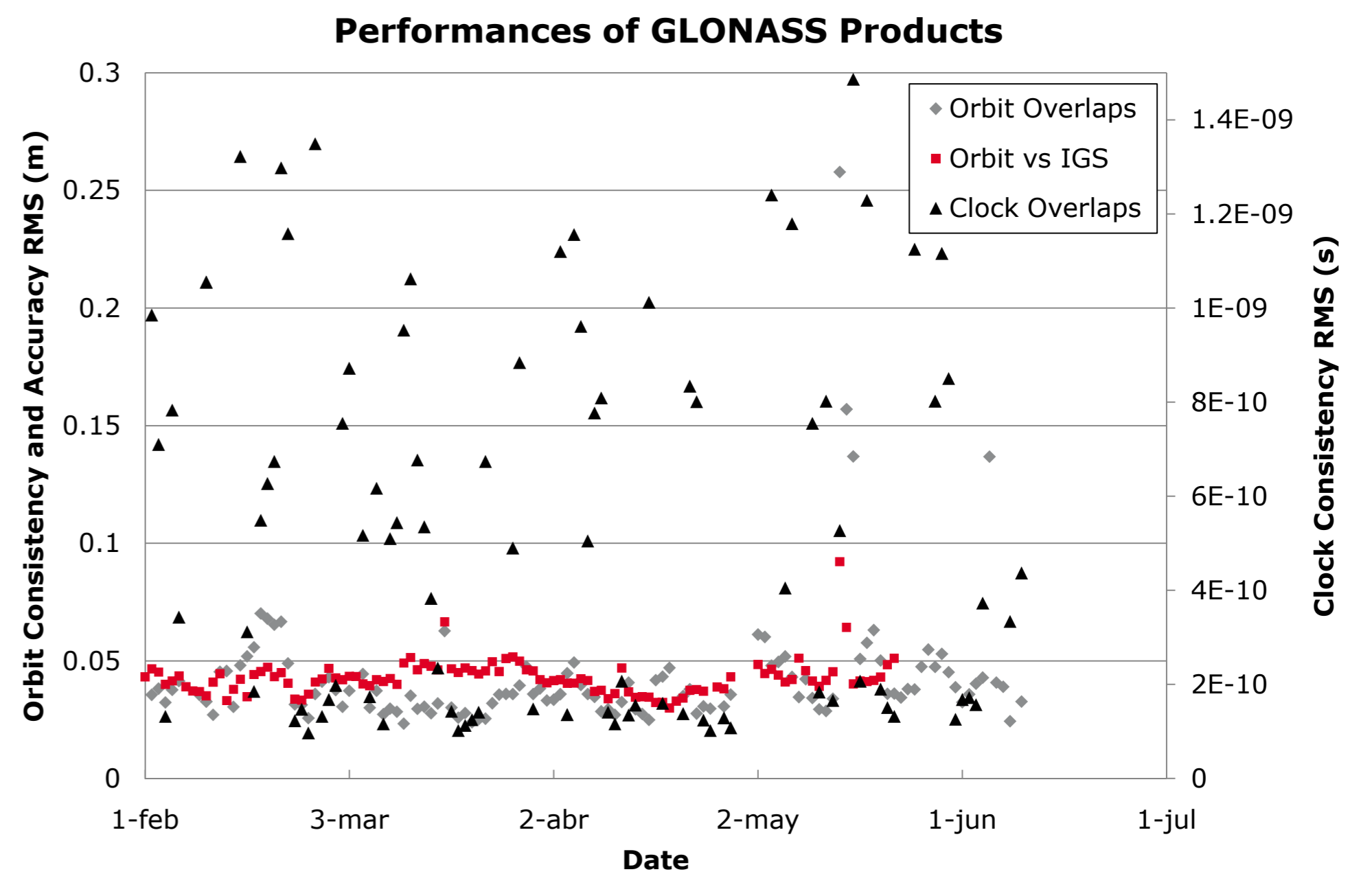
PPP WITH GPS + GLONASS

- More satellites in view, better PDOP
- Better **repeatability** with short observation intervals (i.e. faster convergence)
- Requires **accurate and consistent** reference orbits and clocks

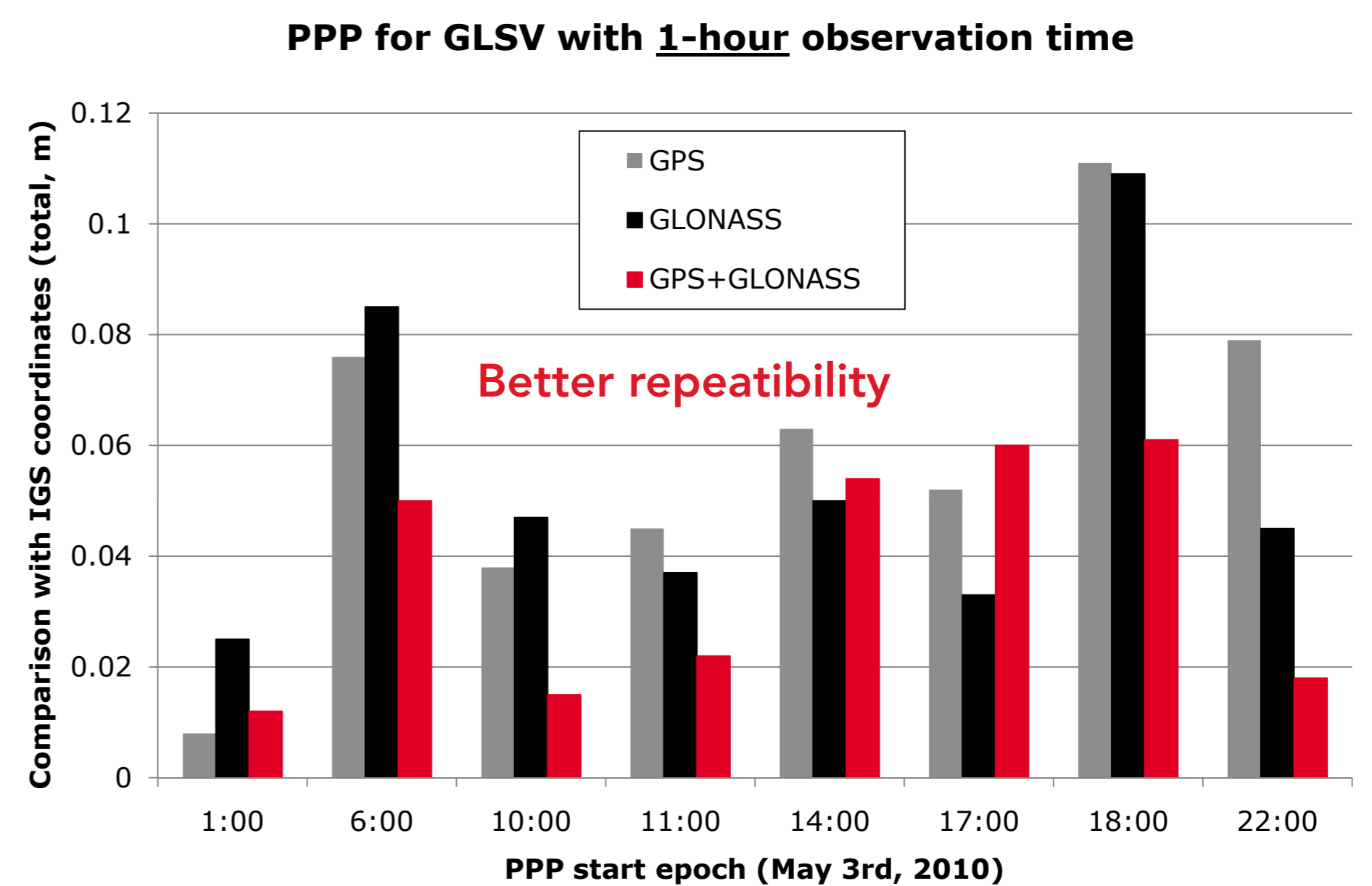
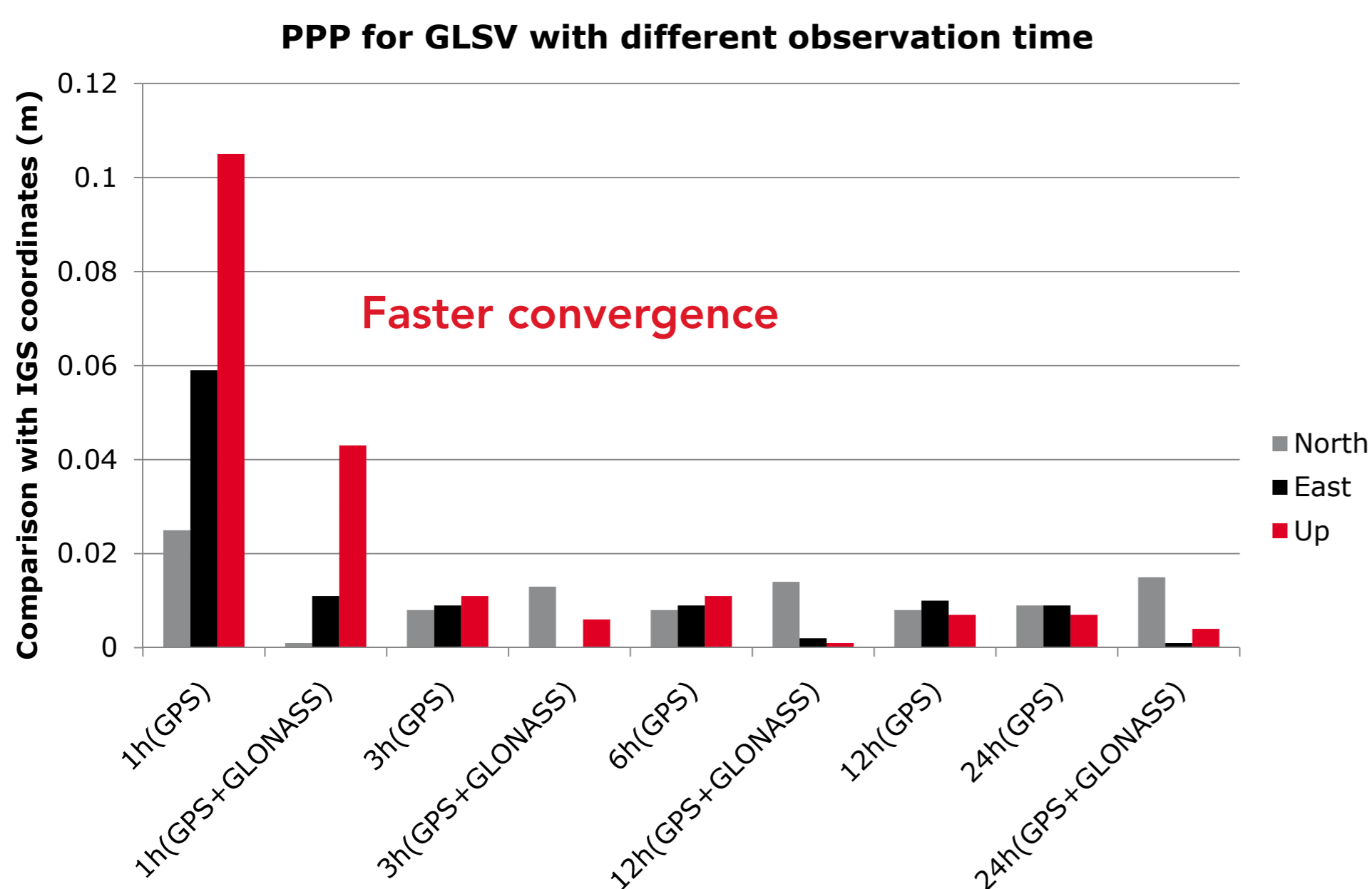


REFERENCE PRODUCTS

- GMV's contribution to RTIGS-PP
- GPS+GLONASS combined process
- Updated **every 30 min**, includes prediction for low latency applications
- 45 IGS stations, NTRIP, code+phase
- Estimation of inter-channel bias. **Daily solutions always consistent**
- **True RT solution** under testing



PROMISING PERFORMANCES!



GMV's PPP service available at:
magicgnss.gmv.com

