DORIS/Jason-2 in GIPSY/OASIS

Pascal Willis (IGN/IPGP)
New Jason-2 POD results

DORIS vs GPS dyn (30 hour overlaps): 14 mm (median RMS)
DORIS vs GPS red dyn (30 hours overlaps): 13.5 mm (median RMS)
DORIS vs DORIS (6 hour overlaps): 10 mm
Multi-satellite solutions / Jason-2
TRF scale

- S_Jason2
- S_ignw08
- 12-OCT-2004 (ENVISAT software change)

The graph shows the DORIS scale vs TRF-2005 (ppb) over a period from 1994 to 2008. The data points indicate changes in the TRF scale over time, with notable events marked by specific dates.
Possible Jason-2 Z-offset?

Mean = 10.9 mm
Future work

• Attitude correction
• Estimate antenna Z-offset with different tropospheric mapping function and elevation
• …