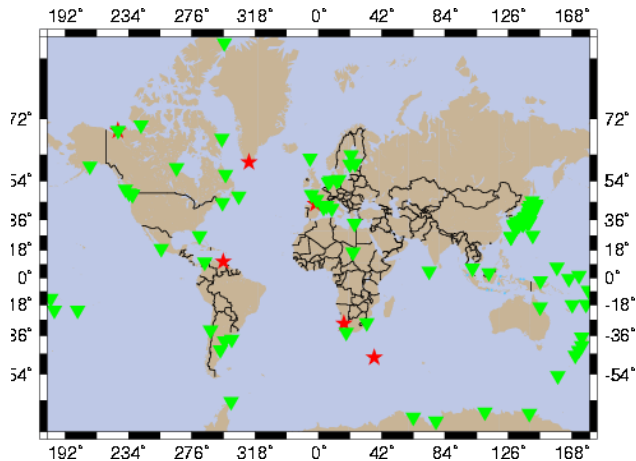


## TIGA Pilot Project – Status Report 25<sup>th</sup> GB Meeting, 24.09.2004

- Efforts were made to increase the number of participating TIGA sites. New sites are from
  - Canada [NRCan] (2)
  - USA [UHSLC/Hawaii] (7, to be finalized)
  - Japan (38)
  - Germany [BKG] (2)
  - Australia [GD] many Southern Pacific Sites



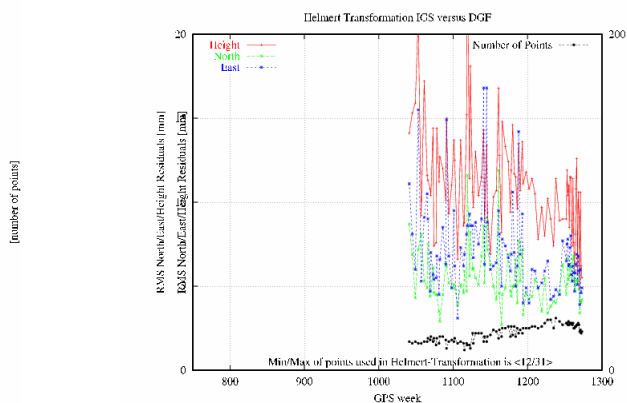
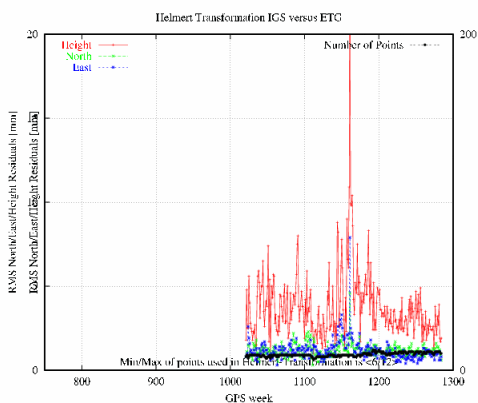
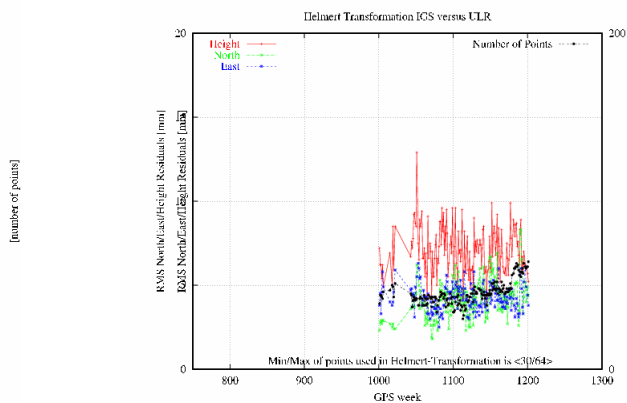
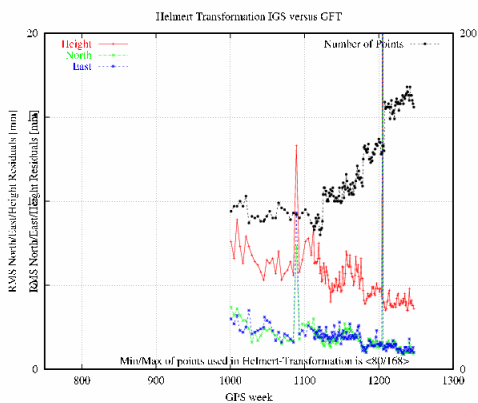
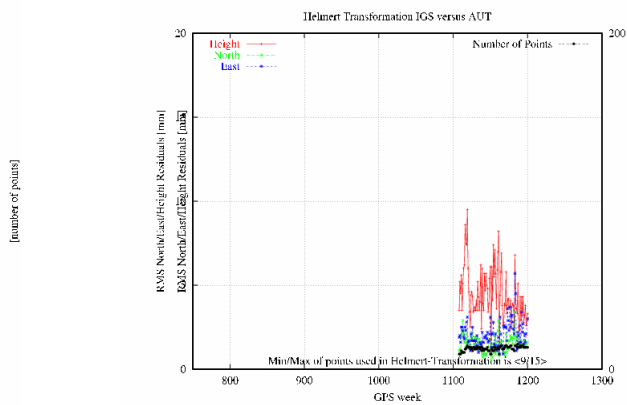
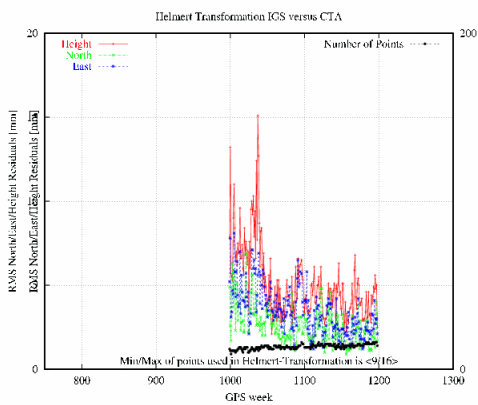
The total number is now 103 stations.

A few more sites can be expected in the next weeks (Chile, Denmark). Except for some “white” areas the distribution of stations becomes more satisfying.

- Analysis Centers are continuing to provide weekly solutions (GFZ, ULR, EUREF).
- DGFI (Munich) provided a new (and very large number of) solution based on Bernese 5 software. Tests and quality control to be done.
- EUREF provided a large set of their data back to week 1020
- Discussions are under way to reprocess already processed data with new IGS standards. Positive answers from CTA, GFZ, discussion with DGFI & ULR, no answer from GD yet
- No solution for a combined TIGA product. Internal discussion of this issue at GFZ will be in October.

The general (chairman’s) work within TIGA was restricted due to my (and my groups) move from Munich to Potsdam.

## RMS of residuals after HELMERT transformation



Note, the high values and scatter of DGF contribution needs to be verified

## RMS of residuals after HELMERT transformation GFZ-AC versus GTZ-TIGA (for the later weeks AC & TIGA solutions are almost to fully identical [ TIGA only cluster added later])

