

GIANT PROGRAM COORDINATORS REPORT

The two years since the WG-GGI meeting in Concepcion have seen a number of program activities which will be reported on in more detail by other members of the GIANT program. But in general there have been a number of important activities completed and some new developments which need consideration for the future program.

Poland hosted a very successful inter period Antarctic Geodesy workshop in Warsaw in 1999 and the papers from that will be published by SCAR. The great support to the GIANT program from Glenn Johnstone is acknowledged. Most action items from Concepcion and the subsequent Heppenheim meetings have been completed

In brief

- The number of permanent geodetic observatories saw an increase in the coastal network of GPS base stations. Whilst Japan has established a VLBI capability at Syowa and Germany/Chile continue with VLBI at O'Higgins station in the summer period
- Epoch programs have continued with an important step in Germany providing a contribution of all sites observed with GPS for official densification of ITRF 2000
- The collection of Physical Geodesy data has proved to be an immensely ambitious project, which Alessandro Capra has set many things in motion and is making good progress
- Although only one Antarctic site was able to contribute to IGEX pilot project for 3 months, IGEX is going ahead global as IGLOS and there are now two permanent GLONASS receivers installed in Antarctica at Davis and McMurdo which contribute data on a daily basis.
- With differential base stations the cessation of Selective Availability has reduced to some extent the need for DGPS but discussion with COMNAP are continuing to maximise the joint use of GPS base Stations.
- There has been slow progress with the success of remotely recording GPS base stations in Marie Byrd Land, (Donellan) McMurdo (Reymond) and Beaver Lake (Tregonning) and Borg Massif (Schwarz).
- The web site has progressed with diagrams and links to other sites.
- Reinhard, Alessandro and myself participated in the ANTEC meetings and presented papers at the EGS2000 conference in Nice

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