

Program: GIANT
Project: SCAR GPS Campaigns
Coordinator: Reinhard Dietrich, Germany

Report on Activities 1998 – 2000

Observation Campaigns

The observation campaigns of the SCAR GPS network were carried out during an observation time span starting at 20th of January, 0:00 UTC and closing at 10th of February, 24:00 UTC also in the years from 1998 to 2000.

In detail

- 1998: 37 stations (+ 24 IGS stations),
- 1999: 14 stations (+ 22 IGS stations),
- 2000: 6 stations (up to the present)

were observed and, except SCAR2000 Campaign, analyzed.

Data Archive

On the webpage of the TU Dresden an overview of all SCAR GPS Campaigns is given (<http://www.tu-dresden.de/ipg/SCARGPS/database.html>). The webpage covers information about the data availability and further information necessary for data analysis, for instance equipment and antenna information and also the entry for data requests.

Obtained Results

The observation data of the SCAR GPS Campaigns of the years 1995 to 1998 were analyzed and a solution concerning the geodetic datum ITRF96 was estimated. This solution was provided to the scientific community. In this year a solution concerning ITRF97 was estimated. For this analysis the data of the years 1995 to 1999 were used. This solution was submitted to IERS Central Bureau in Paris as a densification solution for the ITRF2000.

Perspectives

The SCAR GPS Campaigns should be continued. Organisation, data collection and data access should be organized in future using possibilities of modern communication techniques, like electronical forms and internet.