Report about the TIGA-PP related activities since the 21st GB meeting

Status of the TIGA observing stations:
Again the main focus was devoted to improve the TOS situation, a prerequisite for the success of TIGA. In the mean time NRCan (Mike Craymer) provided TOS forms for 10 sites, UoA (Jeff Freymueller) provided the TOS for Seldovia, the first and only site in the US.
At the moment TIGA has access to 40 TOS sites (and two additional sites which are still not operational, but will be soon).
Jim Ray had contacts with Tom Soler (the point of contact) at NGS about the TOS situation in North America. Beside that Tom Soler is very frustrated that he cannot be very helpful at the moment to solve the situation, also Jim's effort did not cut the Gordian knot.

Status of the TAC centers:
At the moment TIGA has solutions of 6 individual centers:

1. *EUREF (**TAC-III**)*: Solutions for Europe available since week 1181 (now 1207) in a regular basis. This primarily will server European users with short-latency requirements.
2. *CTA (**TAC-?**)*: No updated solution yet, but in preparation. The already uploaded period of (weeks 1148-1171) will be extended.
3. *DGFI (**TAC-I**)*: provided last week 19 randomly distributed solutions, no additional information yet, contacted...
4. *GeoScience Australia (**TAC-I**)*: provided a extended period for weeks 1108-1177
5. *GFZ (**TAC-I**)*: Global solutions are available since week 1112 (now 1146), the period will be extended
6. *ULR/IGN (**TAC-I**)*: Global solutions are available since week 1112 (now 1145), additional a period backward to week 1098.

Status of the analysis of individual solutions and combination:

- GFZ recently started to analyze the different TIGA solutions and the potential of the new TIGA solution. Comparisons ongoing between the GFZ-AC solution and the GFZ-TIGA solution. Also individual station solutions are analyzed to find outliers and seasonal or other environmental effects on the station coordinates.
- ULR/IGN has made extensive tests to find a set of core stations which may server as the reference data set for the reference frame. Analyses are ongoing.
- At the moment no combination solution is available. Manpower restrictions have prevented a more in-depth analysis and combination

The potential of TIGA:
IGS and TIGA are now well established in the Geodetic community and may again set standards. However, at the moment only a very few downloads of individual TAC solutions. The main request are from the other TAC/TAAC centers. This indicates that the users want "final" and "official" coordinates which can be used for research and publications. This creates some pressure on TIGA to analyze and improved our solutions and to provide a combined (and therefore more official) solution. Since it was agreed that only coordinates will be published for sites labeled as TOS, this may create even more pressure to the sea level community to provide the information. A good occasion could be the presentation of TIGA during the IUGG in Sapporo.

(A view graph of Gerd Gendt about the comparison between the individual solutions should be added)