

**GGOS Working Group on
Ground Networks and Communications
Austria Center Vienna
Room SM3
April 6, 2006
17:30 – 20:00**

Review of Working Group Charter - Pearlman

Status of Network

Satellite Laser Ranging - Gurtner/Ries

- What should the technology and infrastructure look like in 10 years?
- What TRF requirements does the technique satisfy?
- What network is required to satisfy the TRF requirements?

Very Long Baseline Interferometry – Ma/Behrend

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GNSS – Moore/Beck

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DORIS - Willis

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Gravity Field – Some key questions:

- What type of gravity data are available now, where and with what coverage (spatial+temporal)?
- Who controls the data archival and dissemination?
- Which data level is freely available, L0, L1, L2,... define what these levels of processing.
- Which gravity-measuring efforts are in-place and how and who runs them?
- What do the current permanent gravity networks look like now (describe all types)?
- How many absolute gravimeters are there, who owns them and controls them, what are the end-product, and what is the deployment plan?

- How many super-conducting gravimeters are there, who owns them and controls them, what are the end-product, and what is (if any) the enhancement/expansion plan?
- How best could we incorporate these gravity networks into our overall activity on a "Global Geodetic Observing System" network design?
- What are expected to be the future requirements and how did you arrive at these?
- Describe on-going or planned, global and regional programs for each type of gravity measurements: surface, airborne, shipborne, space missions.
- Should all fiducial reference geodetic observatories have a gravimeter or a program of gravimeter occupations at regular intervals?
- What is the mechanism (if any) that coordinates gravity measuring campaigns of any type, and how and who initiates them?

Site metadata effort – Carey

Communications - ??