



Status of GGOS

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**GGOS Retreat and 8th GGOS Steering Committee Meeting
Oxnard, California
February 19-21, 2007**

GGOS Activities since last SC Meeting (= SC7)

Last GGOS SC Meeting (SC7): **December 12, 2006**

Actions since then (3 telecons of the GGOS EC):

- Preparation of the GGOS Retreat 2007
- Preparation of the GGOS Workshop 2007: first circular
- GGOS2020 Strategy Document
- GEO Activities:
 - Science and Technology Committee (February 2, 2007: Zerbini)
 - Architecture and Data Committee: Task AR-07-03 “Global Geodetic Reference Frames” (February 28 – March 1, 2007: Richter / Plag)
- New “Geodetic Observation” (GO) community forum testing at JPL
- GGOS Support Letters

GGOS: Support Letters

Laser retro-reflectors for GNSS satellites:

- Especially for GPS (all GLONASS have, all GALILEO will have)
- Joint letter of support with the IAG (Gerhard Beutler)
- Letter to Mike Shawn, director of the National Space-based Positioning, Navigation and Timing Coordination Office (PNT)

GGOS Troposphere Products (“GGOS – Atmosphere”):

- Support for proposal by Johannes Böhm, TU Vienna, for a “Group of young researchers”
- Consistent generation of various atmosphere products for space geodesy (mapping functions, a priori hydrostatic delays, ...)

WMO Recommendation for Reference Frames (WGS-84/EGM96):

- Argue for ITRF and a new reference gravity model
- Joint letter of IAG and GGOS

Space Geodesy Data and Product Archiving and Information Support (Carey Noll): very recent request

GGOS Next Major Steps

- Finalize reference document: “GGOS – Meeting the requirements of a global society on a changing planet in 2020”
- Write the GGOS strategy document
- New GGOS Terms of Reference for the time after Perugia 2007
- Prepare Call(s) for Proposals:
 - GGOS Central Bureau
 - GGOS Portal (or both together)
- Write GGOS “theme” proposal for IGOS-P
- Prepare workshops and sessions:
 - IUGG Union Session 2007
 - GGOS Workshop 2007
 - Unified Analysis Workshop 2007
 - GGOS contribution to IYPE

GGOS Meeting Calendar

April 16-20, 2007, Vienna: GGOS Steering Committee Meeting

- 9th GGOS Steering Committee: Tuesday, April 17, 12:00 - 15:30
- Special forum for GGOS2020 document: Tuesday, 17:30 - 19:00

July 2-11, 2007, Perugia, Italy: IUGG General Assembly

- Union Symposium U3: Global Earth Observation Systems (Beutler)
- 1/2 day IAG Symposium on GGOS
- GGOS Steering Committee Meeting ???

November 5-6, 2007, Frascati, Italy: GGOS Workshop

- Title “The GGOS Contribution to GEOSS”
- In conjunction with Third Workshop of the IGOS-P Geohazards Theme
- GGOS Steering Committee Meeting

December 2007, AGU: Unified Analysis Workshop (all Services) ???