GGOS Bureau of Networks and Observations: Overview

Role of the Bureau: To advocate and encourage implementation of the Core and Co-location Network to satisfy GGOS requirements, to oversee the status of the network and project its future condition, and to support and advocate for infrastructure needed to achieve GGOS goals. To ensure that the networks required to provide the GGOS data products are sustained.

GGOS Organization:

• Bureau Leadership:
  - Role of the Bureau:
  - GGOS Organization:
    - Bureau Committees and Working Groups:
      - Data and Information Systems
      - Missions
      - Site Survey and Co-location
      - Performance Simulations and Missions
      - IERS Working Group
      - IERS Conventions Center
      - IDS Website
      - Secretariat

GGOS Bureau of Networks and Observations: Recent Activities

• Participating in the new Central Bureau at the Aristotle University of Thessaloniki (activities started April 4, 2016, http://igfs.topo.auth.gr/)
• Standardize site-tie measurement, archiving, and analysis procedures, maintain a current site-tie archive, and encourage additional groups to help support the network site-tie task (IERS Survey and Co-location WG and the Data Centers);
• Support GGOS submissions to GEO, CEOS, and other international organizations.

The evolution of the networks will be a long-term endeavor (10 – 20 years), but the evolution in the networks and the associated modeling improvements can provide tremendous benefits to the GGOS data products. The moving data and state data products will be a major benefit for the GGOS community.

http://www.ids-doris.org
http://ilrs.gsfc.nasa.gov
http://www.ids-doris.org
http://www.ids-doris.org
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Global Networks Supporting GGOS

Table of the Activities on the Update of the Global Geodetic Observing System and Observations

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GGOS and Bureau Committees and Working Groups: Recent Updates

• IGS Working Group on Site Survey and Calibration
  - To advise and work with the IGS on the development of the new generation of GGOS sites.
  - To provide recommendations on the implementation of our site survey and calibration procedures.

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