Federal Geodetic Control Subcommittee
Update to Coordination Group

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Topics

- FGCS Membership
- Information on New Datums
- Geodetic Control Theme Personnel
- Dataset Updates
- Recent Theme Activities
- FGCS Meetings
- Next Steps
FGCS Membership

This subcommittee coordinates geodetic data-related activities among 24 Federal and non-Federal agencies and will report its activities to FGDC.

http://www.fgdc.gov/participation/working-groups-subcommittees/fgcs/directory
Information on “New Datums”

- What to expect
- How to prepare
- Track our progress
- Related projects
- Educational videos
- Learn more
- FAQs
- Contact us
- Sign up for updates

geodesy.noaa.gov/datums/newdatums/
Geodetic Control Theme Leadership

- FGCS Subcommittee Chair and Executive Champion
  - Juliana Blackwell, Director, National Geodetic Survey (NGS)

- FGCS Secretariat
  - Brian Shaw, NGS

- Theme Lead
  - Dan Roman, NGS

- Data Sets and Managers
  - Airborne Gravity – Monica Youngman, NGS
  - Continuously Operating Reference Stations (CORS) – Giovanni Sella, NGS
  - Geoid Models – Yan Wang, NGS
  - Geodetic Control Information on Passive Marks – Krishna Tadepalli, NGS
Geodetic Control Datasets – Airborne Gravity

Over 50% Data Collection Complete
Geodetic Control Datasets - CORS
Geodetic Control Datasets – Geoid Models

CONUS
Alaska
Hawaii
American Samoa
Puerto Rico & US Virgin Islands
Guam and Northern Mariana Islands
Geodetic Control Datasets – Passive Marks

Over 780,000 geodetic control datasheets
Recent Activities

- NGDA Strategic Plans for datasets complete (June)
- NGS hosted a five day Airborne Gravimetry for Geodesy Summer School (May)
  - Brought together experts from around the world to share knowledge on collecting and processing airborne gravity
- NOAA navigation services offices met with Cuba (June)
  - Worked to identify priority activities for cooperation in hydrography and geodesy
- Planning for 2017 Geospatial Summit on April 24-25
  - To be held in Silver Spring, MD
- Planning for 2017 Geoid Slope Validation Survey
  - Survey will take place in Colorado (Summer 2017)
FGCS Meetings

- The last FGCS meeting was August 4, 2016.
  - Personnel changes
  - NSRS modernization efforts
  - NAIP Accuracy and Ground Control Points
  - OPUS-Projects to the IDB

- The next FGCS meeting will be held in the January 23 - February 3, 2017, timeframe.
Next Steps

In the coming months, the FGCS plans to:

- Continue to prepare for the new geometric and geopotential datums
- Plan for next FGCS meeting
- Continue to inform constituents about the new datums coming in 2022.
  - Hosting another Geospatial Summit on April 24-25, 2017
  - Developing education lessons to help inform the public about geodetic principles.