

NOAA, National Geodetic Survey
HEIGHT MODERNIZATION COORDINATION MEETING
DRAFT NOTES
SSMC3, Room 8836

Date: Thursday, Dec 5, 2013

Time: 2:00-3:30 pm East Coast time

Attendees:

Call-ins from: AK (Pat Kalen), AL (Nancy Lawrence), IL (Sheena Beaverson, Janet Thornhill), NC (Dave Zilkoski), NGS (Vicki Veilleux, Dan Winester, Janet Irwin), SC (Dick Woods), WA (Pat Beehler, Jeff Hoiland, Dave Steele), WI (Dave Moyer, Darin Henkel)

Silver Spring: NGS (Christine Gallagher, Aida Polite, Michael Dennis, Zelda Lecoat)

Advisors/Coordinators: Ed Carlson (HI), Dave Conner (OH), Dave Zenk (MN), Denis Riordan (MS), Cliff Middleton (TX), John Ellingson (WI), Bill Stone (Southwest Region)

Note:

It is NGS' habit to only capture names of attendees who speak up at the initial roll call or during the meeting. We respect those who may wish to attend anonymously. If you want your name captured in the recorded notes, and you do not see it listed here, email Christine.Gallagher@noaa.gov, or ngs.htmod@noaa.gov.

1. NGS updates

- a. **Height Modernization (Gallagher/Fromhertz)** - Western Regional Webinar was held on Nov 19, and over 250 people attended. The meeting materials, presentations/videos, and a final report will be posted online by the end of December.
- b. **Height Modernization (Gallagher)** - annual face-to-face meeting will be April 29-30, 2014 in Mobile, AL and save the date will be distributed in December

2. State Updates

- a. **Minnesota (Zenk)** – OPUS Projects Training will be held in Shoreview, MN on Dec 10-12
- b. **South Carolina (Woods)** – South Carolina Geodetic Survey is wrapping up a large 3 county HMOD project, as well as 2 smaller projects. Also, NGS decision to limit access to 'Neptune' has presented significant challenges. Specifically, (a) it enabled a check between afiles created manually and through WinDesc, (b) it allowed the use of Cluster to show shifts in different adjustments which saved a lot of time, (c) it assisted finding the L number used to create the elevation on a known station, which is needed when the benchmark elevation is not on the datasheet, and (d) it allowed another place to save final bluebook files. Dick will follow up with Christine and Janet Irwin after the meeting, so NGS can follow-up accordingly.

- c. **Great Lakes (Beaverson)** – the Great Lakes Regional Consortium will be participating in the WI Society of Land Surveyors meeting January 22-24 in Wisconsin Dells, WI and at the Illinois Professional Land Surveyors Annual Conference February 13-15 in Springfield, IL.

3. **Height Modernization Strategic Plan Update**

Christine Gallagher, National Geodetic Survey

In December 2012, NGS approved a strategic plan to help coordinate efforts and prioritize projects in order to advance the goals of the National Height Modernization Program. This presentation will evaluate the past year's progress implementing the strategic plan. Additionally, it will highlight relevant successes or challenges, and discuss priorities for the near future.

Speaker background: Christine Gallagher is a Program Analyst from the National Geodetic Survey (NGS), and she has worked with the National Height Modernization Program since 2009.

Presentation summary:

- Height Mod Plan aligns with NGS ten-year plan, but it does not currently designated resources or milestones.
- Some actions have experienced significant progress while others have not been significantly started yet.
- Areas to improve include identifying, prioritizing, and recommending how to fill gaps/weaknesses (especially in areas with vertical motion). We also need to continue to have stronger coordination with our partners to implement efforts like pilot projects.
- Major accomplishments include the 2013 partner meeting, starting a GNSS Derived Heights to update NGS 58-59, and collaboration with COMET for outreach and distance learning.
- Related programs/projects like GRAV-D and OPUS-Projects continue to progress.

Questions/answers:

Q (Carlson): When will GRAV-D come to HI?

A (Gallagher): It continues to change based on resources and other factors, so the GRAV-D team needs to be consulted for the exact answer.

Q (Gallagher): Is an update on progress of the Height Mod plan helpful?

A (Beaverson): Yes - definitely.

4. **Other Business - none**

Important Links: Previous months' meeting notes and a list of future meeting presentations can be found at: <http://www.ngs.noaa.gov/heightmod/MeetingNotes.shtml>

Next meeting: January 9, 2014

**Guest Presentation: David Conner, National Geodetic Survey
International Great Lakes Datum update**

Recent Events

Nov 4-6, Davie, FL - Florida Surveying and Mapping Society

Nov 13-15, Salt Lake City, UT – Esri Southwest User Conference

Nov 19, Webinar Only - Height Modernization Western States Regional Webinar

Nov 20-21, Silver Spring, MD – International Coordinating Committee on Great Lakes Basic Hydraulic and Hydrologic Data

Nov 20, Gila Bend, AZ - Sonoran Desert GIS Working Group annual meeting

Nov 20, Colorado Springs, CO - Air Force Academy GIS Day

Upcoming Events

Dec 5-6, Concord, NH - New Hampshire Land Surveyors Association (NHLSA) annual meeting

Dec 9-13, San Francisco, CA – American Geophysical Union (AGU) Fall Meeting

Dec 11-13, Gainesville, FL - Florida Surveying and Mapping Society

Dec 13, Montpelier, VT - Vermont Society of Land Surveyors (VSLS) Meeting

Jan 22-24, Wisconsin Dells, WI - Wisconsin Society of Land Surveyors' Institute

Feb 13-15, Springfield, IL - Illinois Professional Land Surveyors Annual Conference

Mar 18-20, 2014, Brainerd, MN - 2014 Minnesota Survey Technical Workshop

Apr 29-30, 2014, Mobile, AL - 2014 Height Modernization Partner Meeting