

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

Date: Thursday, May 10, 2012
Time: 2:00-3:30 pm East Coast time

Attendees:

Call-ins from: CA (John Canas); ID (Rayce Ruiz); IL (Sheena Beaverson, Amy Eller), MI (Shawn Roy), NGS (Dan Callahan), NC (Gary Thompson), TX (Greg Hauger); WI (Dave Moyer, Leonard Perfetti); USGS (George Heleine)

Silver Spring: NGS (Gilbert Mitchell, Ross Mackay, Juliana Blackwell, Lucy Hall); USGS (Greg Snyder); Dewberry (Dave Maune)

Advisors/Coordinators: Pam Fromhertz (CO), John Ellingson (IL), Scott Lokken (NC), Dave Rigney (MI), Denis Riordan (MS), Mark Armstrong (OR), Dan Prouty (TX), John Ellingson (WI)

1. NGS/CO-OPS Project Activities

2. NGS Outreach/Education

- **July 15-18, 2012, Indianapolis, IN** - 11th International Conference on Precision Agriculture (ICPA)
- **July 16-17, 2012, Memphis, TN** – Real Time GNSS Network Symposium
- **July 21-24, 2012, San Diego, CA** – Survey Summit
- **July 22 & 24, San Diego, CA** – 2012 Geospatial Summit
- **July 23-27, San Diego, CA** – ESRI User Conference
- **July 29-Aug1, 2012, Philadelphia, PA** – Transportation Research Board Geospatial Data Acquisition Technologies in Design and Construction (AFB80) Committee Summer Conference
- **October 16-17, 2012, Naperville, IL** - Illinois GIS Association Fall Conference

3. Updates from States – e.g. outreach, projects

- **WI (Ellingson)** – Recently completed large GPS project in NW of state. Now 80% of state covered with dense, high quality HMOD projects. This week published a re-

adjustment of all Wis-DOT height mod leveling. A lot of effort from DOT and OAD was put in to complete the project.

- **CA (Canas)** – Scripps bi-annual Coordinating Council meeting will be on May 24. The event is free, but it is unknown if anyone from NGS is attending.
- **NC (Thompson)** – Three county-wide height mod projects in progress, and just installed a new CORS along the coast. Scott and Gary will be doing numerous seminars on HMOD, CORS, and OPUS in the next few months.
- **IL (Beaverson)** – Coordinating map/poster display at ESRI. We have two groups of 8 panels. For first group, NGS has reserved 5 panels and Christine will submit a sixth, and two more national maps are desired. Verbal from IL, WI, MI, NC, SC, and LA. This means there are three more maps/posters for the state/region group of panels, and information for maps or posters need to be nailed down by mid-June. Please send to Sheena ASAP.
- **MS (Riordan)** – Mississippi DOT did a statewide HMOD project with leveling from Pensacola to SW corner of statewide. The adjustment is now final, and we have loaded it into the test database. After finalization of NA 2011 and Geoid 12, the statewide GPS network will have updated published values. We are hoping to have the leveling data published by the end of the month, but still working on how everything will be published on the datasheet. To get the word out about changes have occurred, preliminary planning has begun for three local HMOD meetings, possibly in August.

4. Monthly presentation

Presentation, to start at approximately 2:30 PM:

National Enhanced Elevation Assessment (NEEA)

Gregory Snyder, U.S. Geological Survey & David Maune, Dewberry

NEEA was completed in December 2011, and USGS is coordinating a program implementation and funding strategy with other National Digital Elevation Program agencies. This presentation will focus on the key findings, program recommendations and next steps for NEEA.

Mr. Greg Snyder coordinates long-term LiDAR program development within US Geological Survey's Land Remote Sensing Program. Previously he helped implement US commercial remote sensing space policy across Federal civil agencies. He received a BA in Geography from the University of Oregon and a Masters of Science in Mapping Science from the Department of Geodetic Science and Surveying at Ohio State University.

Dr. David Maune is Senior Remote Sensing Project Manager at Dewberry, headquartered in Fairfax, VA. He is the editor and principal author of the 1st and 2nd editions of "Digital Elevation Model Technologies and Applications: The DEM Users Manual" published by ASPRS. He is the principal author of elevation data guidelines and specifications published by ASPRS, FEMA, and the National Digital Elevation Program. He served as Dewberry's Project

Manager for the National Enhanced Elevation Assessment (NEEA). Before joining Dewberry in 1992, he was the Commander and Director of the U.S. Army Topographic Engineering Center (TEC), now the U.S. Army Geospatial Center (AGC).

5. Other Business

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: Thursday, June 14, 2011; 2:00-3:30 East Coast Time

On June 14, Dru Smith will discuss the next NGS 10 year plan. The current NGS 10 year covers the years 2008 to 2018. It outlines an aggressive strategy for change and modernization, but it is already getting dated. Priorities, directions and resources have changed since 2008; sometimes in significant ways. For this reason, NGS plans to create a new ten year plan (2013-2023). The new plan should have many improvements over the existing plan.

Recent Past Events

April 11-13, Sacramento, CA – CalGIS Conference: Capitalizing On Spatial Technology

April 16-18, Loveland, CO – GIS-T Symposium

April 18-19, 2012, Champaign, IL - Illinois GIS Association Spring Conference

May 6-10, 2012, Rome, Italy – International Federation of Surveyors (FIG) Working Week

Upcoming Events

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