

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

Date: Thursday, November 10, 2011
Time: 2:00-3:30 pm East Coast time

Attendees:

Call-ins from: AK (Pat Kalen), CA (John Canas), IL (Mike Bloomhoff), MI (Mike Barger), KY (Wolfgang Ziegler), NC (Gary Thompson), SC (Dick Woods, Matt Wellslager), LA (Tony Cavell), MT (Dan Ignatov), NGS (Tim Hanson, Dan Callahan, Jeff Olson), NM (Earl Burkholder), TN (Bill Gallagher), WI (Leonard Perfetti, Diane Arendt), USGS (Jim Langtry)

Silver Spring: NGS (Renee Shields, Ross Mackay, Gilbert Mitchell, Christine Gallagher, Dave Zilkoski, Michelle Ho, Julie Prusky)

Advisors/Coordinators: Ed Carlson (HI), Dave Rigney (MI), Denis Riordan (MS), Dave Zenk (MN), Monroe Rivers (KS), Dave Newcomer (FL), Dave Conner (OH), Mark Armstrong (OR), Curt Smith (ID/MT), Cliff Middleton (TX), John Ellingson (WI)

1. NGS/CO-OPS Project Activities

LOCUS (Jeff Olson) – the beta web link for LOCUS is functional. We anticipate the site to be released or announced more publicly in its beta form. The function is to allow a vertical observation file to run through translev error free, do corrections, adjustments, and send results to user. There will be a 90 day public comment period after the official public release.

Geoid Slope Validation Survey (Renee Shields) – the field work has wrapped up with the exception of some gravity and leveling that still remains. We hope to eventually get someone (e.g. Dru Smith) to the Height Mod meeting to talk about the project and results.

Height Mod Special Projects (Dave Zilkoski) – completing analysis on MS, LA, and WI special needs projects. All the projects are in NA2011 which will provide consistently adjusted ellipsoid heights, and so from these projects we're looking for clean orthometric heights to feed into the next geoid model.

Q (Gary Thompson) – What is the status of a transformation tool to be available with NA2011?
A (Renee Shields) – the contractor examining this problem is on board and has started work.

2. NGS Outreach/Education

Training (Renee Shields) – check the Corbin training site, and if you are interested in an OPUS projects training in MO – contact Erika Little.

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

WI (Perfetti) – Special project adjusting leveling network getting underway with help from Dave Zilkoski, Michael Dennis, and Renee Shields. There is the potential to readjust the entire state by end of the year.

OR (Armstrong) – Just completed “OPUS Projects for Managers” training in Vancouver, WA. It was well attended, well received. Per Julie Prusky, Larry will compare results using and not using OPUS Projects.

SC (Woods) – Just completed 390 station Height Mod project. Unfortunately, TGO died, so TBC was used instead which, with a patch, creates the g-file, but not the b-file. SC plans to send in the project by next Friday.

*Comment on TGO problem (Carlson) – the USACE Community of Practice November newsletter published a work-around how to use TGO after Sept 14, specifically what you do with the RINEX file. **CLICK HERE READ THE USACE NEWSLETTER.***

IL (Bloomhoff) – Finalizing the contracts for 715 mi of leveling this year.

NC (Thompson) – NC is holding two Height Mod seminars on Saturday and Monday. NC has a number of Height Mod projects ongoing, and is in the process of upgrading the RTN. The annual 2 day workshop was not held this year but hopefully will be resumed next year.

4. Monthly presentation

Presentation, to start at approximately 2:30 PM:

NGS Online Project Submission Process

Julie Prusky, National Geodetic Survey

Submitting survey data to be incorporated into the NSRS can be a challenging process. NGS will soon require bluebooked projects to be submitted online, and its progress can be monitored by the submitter. This presentation will demonstrate how to take advantage of this new process.

5. Other Business (Shields)

- There have been some recent changes to the Height Mod web site. The Publications page has been updated; some publications have been added and moved. More will be added in the near future. Let Renee know of any publications that should be, and are not yet, posted to the page.
- Michael Dennis is the guest December speaker.
- Let Renee know of any topics you would like to have presented during the 2012 calendar year.

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, January 12, 2011; 2:00-3:30 East Coast Time

Recent Past Events

October 12-13, Silver Spring, MD – GeoTech 2011

October 13-14, Columbus, OH - Great Lakes Region Height Modernization Consortium Meeting

October 18-20, New Orleans, LA – 2011 USACE Geospatial Community of Practice Technical Meeting

October 25-27, Corbin, VA – Geodetic Leveling Class (CLASS FULL)

Upcoming Events

November 12, Elizabeth, NC – Height Modernization Workshop

November 14, 2011, Goldsboro, NC – Height Modernization Workshop

November 18, 2011, Providence, RI – Rhode Island Society of Professional Land Surveyors

December 2, 2011, Shelby, NC – Floodplain Mapping (Elevation Certificates)

December 5-9, 2011, San Francisco, CA – American Geophysical Union (AGU) Fall Meeting

December 9, 2011, New Bern, NC – Floodplain Mapping (Elevation Certificates)

January 9-11, 2012 Saratoga Springs, NY - New York State Association of Professional Land Surveyors (NYSAPLS)

January 12-14, 2012, Chamberlain, SD - SDSPLS Annual Convention

January 25-27, 2012, Wisconsin Dells, WI - Wisconsin Society of Land Surveyors (WSLS) Annual Institute

February 16-18, 2012, Springfield, IL - Illinois Professional Land Surveyors Association Conference

February 17, 2012, Bloomington, MN - MSPS 60th Annual Meeting 2012

March 2012, Breezy Point, MN - 2012 MNDOT Surveys Technical Workshop

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

July 15-18, 2012, Indianapolis, IN - 11th International Conference on Precision Agriculture (ICPA)

July 22 & 24, San Diego, CA – 2012 Geospatial Summit

July 23-27, San Diego, CA – ESRI User Conference

October 16-17, 2012, Naperville, IL - Illinois GIS Association Fall Conference