

National Height Modernization Eastern Regional Meeting

Tuesday, March 4, 2014

1 pm to 5 pm Eastern Time

Teleconference only

Agenda

- 1:00-1:10 **Introductory Remarks**
Juliana Blackwell, Director, NGS
Gary Thompson, Chief, North Carolina Geodetic Survey
- 1:10-1:30 **Overview of Height Modernization**
Christine Gallagher, Program Analyst, NGS
- History of Height Modernization
 - Height Modernization as we prepare for a new vertical datum
- 1:30-2:10 **Height Modernization in Eastern States**
- North Carolina: *Gary Thompson, Chief, North Carolina Geodetic Survey*
 - South Carolina: *Matt Wellslager and Dick Woods, South Carolina Geodetic Survey*
- 2:10-2:50 **“Height Mod” Surveys**
Michael Dennis, Geodesist, NGS
- Overview of survey planning (NGS 58 and NGS 59)
 - Bluebooking and Adjust
 - Where we are going (testing to update NGS 58 and NGS 59)
 - GIS tools
- 2:50-3:00 break
- 3:00-3:30 **Tools to help complete “Height Mod” Surveys**
Joe Evjen, Geodesist, NGS
- OPUS
 - OPUS Projects

3:30-4:00

Planning for the next vertical datum

Dru Smith, Chief Geodesist, NGS

Mark Eckl, Observations and Analysis Division Chief, NGS

- Major steps to the new vertical datum and progress to date
- Future help from the public
- Implementation Plan to Replace NAVD 88
- GRAV-D data and product releases
- NGS geoid models

4:00-4:30

Continuously Operating Reference Stations (CORS)

Neil Weston, Deputy Director, NGS

- Program overview / status
- Program policies, e.g. "70 km rule"

4:30-4:45

Height Modernization and United States Geological Survey (USGS)

Jim Kolva, Office of Surface Water data program liaison, USGS

- Applications to stream gages and USGS hydrologists
- Coordination with US Army Corp and others

4:45-5:00

Wrap-up and closing