

**NOAA, National Geodetic Survey**  
**HEIGHT MODERNIZATION COORDINATION MEETING**  
**Draft Meeting Notes – May 8, 2008**

**In attendance:**

- **call-ins from: CO (Dan Smith), IL(Beverly Herzog), MS (David Mooneyhan), MT (Steve Niday), NC (Jerry Nave, Gary Thompson),NE (Jim Langtry), TX(Gary Jeffress, Dan Prouty, Greg Hauger), WA(Gwen Roy, Dave Steele); WI (Darin Henkel)**
- **in Silver Spring and other NGS, Renee Shields, Valincia, Sonita Tiwari, Eric Linzey, Ronnie Taylor, advisors from attending states (CO, IL, KY, NC, NM,TX, WI)**

**Grants**

No news about grants. Still in process, including Height Mod and non-Height Mod grants.

New funding opportunity announcement still on schedule for June Omnibus. Announcements will come out on grants.gov

**Outreach, Education, Capacity Building**

**- Website**

Past/present events been updated. A link will be added for a press release for dedication of Alaama CORS being established for a group of farmers. Gilbert Mitchell will attend.

**- Publications**

NOS/NGS -59 draft guidelines – Products and Services Committee (PSC) has passed to remove ‘Draft’. Don’t know when official publication will complete the clearance/publication process.

**- Events**

In addition to those on the calendar mentioned from last month...

Hurricane conference in November, in Mobile, AL

- Sponsored by PIANC
- USACE is taking lead
- Renee and Gary Jeffress are submitting abstracts ---any ideas please let them know – due May 15.
- 90 minute technical sessions or 4- or 8-hour workshops

Height Modernization workshops/sessions planned for surveyors conferences next year in NM and VA.

Oregon and Idaho are interested in forums, dates, locations TBD.

Workshops planned:

- Leveling, in CO, AZ, NC (July 28-29), and AR
- Digital leveling, at NGS facility in Corbin, VA
- 2 day seminar in Greensboro, NC, September 18 and 19<sup>th</sup>
- river crossings leveling in Alabama
- Translev and Windesc in Florida, August
- 3-day leveling workshop in Florida in January. FLDEP will begin project to level to CORS
- GIS in the Rockies will be September 10-12 this year in Loveland. Pam will send link to Vicky Veilleux
- GPS Collection, Corbin, VA, June 2-4
- Eric Linzey is planning assorted workshops in Caribbean upon completion of leveling/GPS project

Idaho and Oregon interested in Forums, dates/locations TBD. IA/MN forum being discussed is going to be combined into a Great Lakes Regional forum. WI will take the lead and it will likely be held in Madison in September.

Partner meeting Gulf Coast in June in New Orleans. This will be a Non-NOAA event, Roy Dokka is taking lead.

NOAA forum being discussed to include NOS level and Gulf Coast Regional NOAA personnel. Date/time TBD. Trying to get NOAA folks on it such as Jack Dunnigan, Bill Corso.

### **Projects, Procedures, Software Developments**

Gary Thompson – NCGS is writing an issue paper based on their evaluation of the shelf life of Lidar data.

TX – working on installing CORS on tide gages, e.g. at Galveston pier; Also CORS on oil rigs in the Gulf.

FL – installing CORS on a tide gage in Pensacola.

Pam Fromhertz mentioned that Jeff Payne mentioned GRAV-D in the last NOAA Regional phone conference.

Online submission of leveling data being developed. Possibility for a future topic of discussion. Renee will look into this.

### **Other Business**

- state activities
  - o MS – 3 new CORS
  - o KY – has a new partner in the grant to help implement HM

- AZ – installed 2 new CORS
- NM – installed a CORS in a state park
- WA – completing leveling project of 1/6<sup>th</sup> of the state RTN
- WI – will have 24 CORS stations up and running by May 16
- GA – not funded, but did a height mod project and is writing an issue paper.

#### Eric Linzey - Puerto Rico/Virgin Islands project

- had project status meeting today
- review survey plans for task orders, 2<sup>nd</sup> task orders given to contractors will review today and tomorrow
- 1 year to complete project, waiting on Ed Allen to finalize
- Saturday, complete level line in VI
- Field crew returns May 10
- Remaining: how to define Geodetic Vertical Datum for PR and VI; Fly the gravity down to Puerto Rico.

#### GRAV-D

- Gravity work being done in Alaska
- Discussed funding issues
- Still working at data analysis in AL
- Proof of concept - Guidelines will be written for it
- Partners want to know how they can help
- Questions: Is Gravity data in house? Are they collecting data or stacking it up?
- Expecting 2 new people to join the gravity team. One person will start within a month

Next Meeting June 10