

Meeting Minutes – Final

CSRC Executive Committee (EC) Teleconference
January 16, 2013 (Wednesday), 9:00 AM to 10:00 AM

Agenda: Attached
Minutes By: Maher

1) Attendance and Opening

a) Roll Call / Attendance: (Andrew)

Voting Members (Quorum 6/12)			Non-Voting Members		
Name	Present	Absent	Name	Present	Absent
Chancellor UCSD: Dr. John Orcutt		X	NGS State Advisor: Marti Ikehara	X	
Director IGPP: Dr. Guy Masters		X	Coordinator: Maria Turingan	X	
Director CSRC: Dr. Yehuda Bock	X		Executive Manager: John Canas	X	
Chairperson: Art Andrew	X				
Vice-Chair: Dan Gilleland	X				
Secretary: Richard Maher	X				
Treasurer: Bill Hofferber	X				
Member: Armand Marois	X				
Member: Brian Wiseman		X			
Member: Vacant					
Member: Larry Gill	X				
Member: Dave Olander	X				
Past Chair: Dick Davis		X			

- b) Agenda Review: (Andrew) No changes proposed.
- c) Approval of Previous EC Meeting Notes: (Andrew) Moved to approve December minutes (seconded and carried).

2) Director's Report

- a) CRTN Update: (Bock) A few more people registered last month for a total of 146 subscribers to NTRIP server. A server was upgraded which will help with the load. CVSRN stations still in process of being added. Maria will work on uploading last month's metrics. New spreadsheet posted online (January 9th). Marti requests that access data sheet link be added near the epoch lists at top right of CSRC home page (will be done [*was done during meeting*]). Need to indicate to user that coordinates on CRTN access list can be provisional.
- b) RT Date Stream Issue: (Andrew/Bock/Dave) District 3 Caltrans staff captured the data over 20 minutes. Art and Yehuda verified that the clock steering correction removed the problem and that this should be able to be the solution for all USGS stations. Request has been made to USGS to change clock steering to correct Trimble drift issue (Art will follow-up).

- c) Misc: (Bock) Ongoing work on units for Vincent St. Thomas Bridge. Contract with Mexican Collaboration Project for a parking structure damaged by a 2010 earthquake. Upgrades to stations in San Diego will begin soon; no impact on CRTN but will be beneficial. Additional funds from EarthScope program (PBO) to update some of their stations with the Geodetic models with accelerometers.

3) Financial Report

- a) Current Report/Consortium Status: (Turingan) Report Distributed. OC and Long Beach expected to join to bring total to 8 Consortium members. Budget: Total Revenue thus far for the fiscal year is \$82K and we have a total budget \$58K. With our December expenses of \$3.3K, our total expenses thus far is \$12.6K, leaving us a balance of \$46K.
- b) Bylaws Sub-Committee: We had a teleconference on January 15th and reviewed the Council membership roster. Emails and letters are being sent out to the current members inquiring about their interest in participating on the Council. Our next teleconference is schedule on January 29th.

4) Executive Manager's Report

- a) Updates: (Canas) League meeting was announced Mike Armstrong State Geodetic advisor for Oregon would be speaking April 4th GeoSpatial Symposium at RCFD. Jay Sattlich was also contacted with a request to speak. Progress being made on ByLaws Committee. Attended CGWC that Marti heads. Attended NGS Height Modernization Committee; OPUS is a hot topic and NGS staff getting behind its benefits.

5) EC/CC Meeting and Other Meetings

- a) Next EC Teleconference: February 13th (Wednesday) at 9:00 AM.
- b) CLSA Reno Conference: [March 24-27 2013 \(Reno\)](#)
 - i) Dave Olander and Rich Maher will adapt CRTN Workshop presentations and present for 1.5hr (March 25th 8:00 AM)
- c) AGU: [2013 Fall Meeting Dec 9-13, 2013](#)
- d) CAL GIS: [Pathways to CA's Future April 15-17, 2013](#) Art Andrew on behalf of the CSRC will be participating in the Geodetic Control presentation.
- e) NGS RT Symposium: May 29-30 Memphis, TN
- f) CC Meeting (May 16th Tentative): (9th or 23rd as backups) Consider doing in Northern California?
- g) Marti speaking at a joint Riverside and San Bernardino CLSA meeting @ Morongo
- h) Don D'Onofrio, Steve Martin, Marti speaking at North County CLSA meeting in Orville

6) Additional Items

- a) NGS Report /NGS CA CORS: (Ikehara)
 - i) Dan Roman is preparing for beta release a program called INTG, which are grids that reflect the extent of GEOID12A. The output of these grids would be color-shaded 'contours', one reflecting his analysis of error estimates, and the other reflecting the distance to the nearest vertical control point used in the model. Can be illustrated by a color shaded contour map instead of simplistic state by state representation. California was used as a test model. Is on internal test website and should move to

- publicly accessible beta website next; no date for public release, but probably this year.
- ii) [Strategic Plan for HMP](#) was adopted. There are monthly Height Mod meetings, and information (look for Height Modernization under the Surveys tab on main NGS page) about the upcoming and past meetings can be found here, which is accessed by clicking on the blue box in right column:
<http://www.ngs.noaa.gov/heightmod/MeetingNotes.shtml> Past presentations are available for viewing and download on this page. (A sample of the above grid can be found as slide 30.) In the January meeting presentation by Joe Evjen, Marti shared two things.
 - (1) OPUS-S is changing from using 3 CORS from which to compute vectors to using the best 3 out of 5 computed. The peak-to-peak numbers will be the spread among the 3 closest solutions.
 - (2) Instead of using the published coordinates for the CORS as the constraints, a new processing algorithm, OPUS-NET, will be running in order to come up with new "on-the-fly" coordinates for the CORS that happen to be IGS (fiducial) stations, and then the baselines to the unknown processed. I had suggested, during the presentation, that while this could be a great option, the default should be that the published coordinates are utilized. Larry Gill concurred; Marti asked for feedback offline about this proposed service.
 - iii) There is a national Ht Mod (face-to-face) meeting scheduled (at least proposed) for April 30-May 1, with no location, not even tentative, announced.
 - b) [CA GIS, Geodetic Control Working Group \(GCWG\)](#): (Ikehara) Have started meeting regularly. A Google group was set up, and Google Drive 'document library' with many members getting their access squared away. The group will be working on fleshing out the Strategic Plan first. GoogleDrive allows people to collaborate on the same document so there is no problem with version control and needing to wait on somebody else to pass on the 'current' version.
 - c) [CALTRANS Contract](#): (Maria)
 - i) UCSD having trouble processing it as an IT contract, Caltrans (Scott) working on revisions to address.
 - d) [CSRS Website Updates](#): (Andrew)
 - i) No updates

7) Adjournment

- a) The meeting adjourned at 10:00 AM.