

Meeting Minutes

CSRC Executive Committee (EC) Teleconference
February 19, 2014 (Wednesday), 9:00 AM to 10:00 AM

Agenda: Attached

Minutes By: S. Martin for T. Dougherty

1) Attendance and Opening

a) Roll Call / Attendance: (Maher)

Voting Members (Quorum 6/12)			Non-Voting Members		
Name	Present	Absent	Name	Present	Absent
Chancellor UCSD: Dr. John Orcutt		x	NGS State Advisor: Vacant	-	-
Director IGPP: Dr. Guy Masters		x	Coordinator: Maria Turingan	x	
Director CSRC: Dr. Yehuda Bock	x		Executive Manager: John Canas	x	
Chairperson: Rich Maher	x				
Vice-Chair: Scott Martin	x				
Secretary: Tom Dougherty		x			
Treasurer: Bill Hofferber	x				
Member: Armand Marois	x				
Member: Brian Wiseman		x			
Member: Greg Helmer	x				
Member: Dave Olander	x				
Past Chair: Art Andrew		x			

b) Agenda Review: (Maher)

c) Approval of Previous EC Meeting Notes: (Maher)

2) Director's Report

- a) CRTN accounts: up to 245. Santa Rosa Junior College has requested 4 accounts, but they haven't been provided yet. Dr. Bock will follow up on this
- b) December 2013 metrics show increase to 4704; January 2014 connections at 4160 – checking on low November metrics
- c) Outdoor shake table tests at UCSD involving SIO MEMS accelerometers and Geodetic Modules, Topcon and Trimble GNSS receivers (including Trimble RTX subscription) related to EEW system and structural monitoring research were completed on January 23 – working on report.
- d) READI (<http://sopac.ucsd.edu/projects/realtime/READI/>) collaboration for EEW prototype for the western U.S. going well – Have weekly teleconferences with representatives from all major groups, preparing for Alaska Mw 9.2 1964 earthquake

shakeout at 50th anniversary. This will be an exercise with early responders, one of several that have been done.

- e) Still working on network positioning solution for CRTN, specifically ionosphere modeling. More progress has been made since the last teleconference.
- f) Made some modifications in CRTN access file (http://sopac.ucsd.edu/input/realtime/CRTN_Access.xls) including USGS/Pasadena site upgrades from Topcon to Trimble receivers, added a few new sites, and updated some coordinates. The USGS upgrades resulted in significant coordinate changes, primarily in the vertical, but in the horizontal also. This was due to a non-standard antenna configuration being used. Dr. Bock is transmitting a model that is the closest match to compute the correct phase center.
- g) Still in process of incorporating the new PBO sites in the Camp Pendleton/San Onofre area into SOPAC daily processing and into CRTN (these include Caltrans station ACSB). Need to incorporate additional California PBO stations into CRTN – additional CRTN funding would be beneficial to accelerate this task.
- h) Made prototype new web pages for CSRC – not yet public.
- i) Working on Disaster Mitigation Center, a collaboration of Jacobs School of Engineering (UCSD) and Scripps Institution of Oceanography; also working on UC workshop on disasters (received funding from UC and SIO). Emphasis on campus towards integrated research.
- j) Invited to give presentation at NGS “Best Practices for Real Time GNSS Network Administration” webinar on March 20, 2014 (1:00-4:00 PM EST) including CRTN update, natural hazards mitigation, and integration of GPS and seismic data

Rich asked about the coordinate format in the CRTN ACCESS and the published coordinates. They are currently in a degrees minutes seconds format versus decimal degrees. When exporting to formats such as Google Earth as shape files, they have to be converted to decimal degrees. Not a problem in TBC and other survey software packages. Dr. Bock said that the Epoch 2011.0 coordinates could be made available through the SOPAC Sector utility that would provide decimal degrees conversion.

3) Financial Report

- a) Revenue \$55,356
- b) Expenses \$37,949
- c) Balance \$17,407
- d) \$1,000 contribution from RBF
- e) Jump in salaries in January due to timing of funding to the university
- f) CLSA \$15,000 should be coming in soon

4) Executive Manager’s Report

- a) CLSA Board of Director’s meeting
 - i. Discussed 3-4 CSRC workshops not being realistic. Bill H. said that the CLSA workshops chair mentioned this in his report at the BOD meeting

- ii. Question came up about the BOD meeting minutes. Bill thought they were posted on the CLSA website after approved, but Armand does not think they are posted at any time. John said he thought they should be.
 - b) LCSO Northern Chapter forming with Tom Dougherty and others. Formation meeting is February 27th. Good opportunity for CSRC to network with Northern California constituents.
 - c) California Geospatial Symposium will be held at the Riverside Flood Control Office on April 3rd
 - d) Coordinating Council meeting in San Francisco on May 1, 2014.
 - e) CSRC still needs to send letter to NGS offering to host the new California Geodetic Advisor. NGS has received an exemption to fill the Advisor vacancy, so they are moving forward.
- 5) Committees**
- a) Geodetic Control Network Specifications update (Helmer) - Brought this to the CLSA BOD and they agreed to co-author the update. A list of volunteers will be contacted to start the process
 - b) CSRC Coordinate update (Maher) – Waiting on funding source
 - c) CSRC/CLSA workshops (Maher) – In discussions with CLSA to set schedule, then will solicit CSRC members to participate.
 - d) CLSA San Diego Chapter presentation 2/19/14 (Maher) – Will present on using CRTN and other CSRC resources such as SECTOR and SCOUT
- 6) Meetings**
- a) LCSO Geospatial Symposium – April 3, 2014
 - b) Spring CC meeting – May 1, 2014 San Francisco
 - c) Next EC meeting – March 19, 2014
 - d) Cal Poly Pomona Conference September 26-27, 2014 – Rich has been in contact to discuss a presentation(s)
 - e) LCSO Geospatial Symposium flyer has been finalized and is ready for distribution
- 7) Adjournment 9:35 A.M.**