

Minutes of November 16 2007 EMWoG Telecon

Agenda:

1. Identification of Participants
 2. Acceptance of Oct 26th (attached) telecon notes.
 3. Report on NSF review of EarthScope Nov 14-15 (Woodward, 5 min)
 4. Rotations of EMWoG membership (IRIS to report, 3 min)
 5. Backbone status report (Schultz, 5 min)
 - Permitting trip to Blacksburg VA
 - Repairs at Braden MO
 6. CascadiaEM status (Schultz/Egbert, 10 min)
 - Response function transmission to IRIS DMC via SPADE
 7. Old vs new NIMS instrument noise test (Unsworth, All, 5 min)
 8. Electrode noise inter-comparison test (Park, All, 5 min)
 9. 2007 TA field season post-mortem planning (All, 5 minutes)
 - Sole-source to GSY or out-to-bid

 10. 2007 Calendar
 - EMWOG meeting San Francisco, Boardroom at the Palomar, at 5:00 p.m. on Tuesday, December 11
 - EMSOC meeting San Francisco AGU week TBD
 - NSF Review of EarthScope Nov 14-15
 - USAAC meeting Dec 8-9
 - AGU Dec 10-14

 11. Next telecon (third Friday of the month) Fri 16 Nov 3:30-4:30 pm ET.
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Minutes-

1. Participants are: Adam Schultz, Bob Woodward, Gary Egbert, Dean Livelybrooks, Kevin Mickus
2. Approved
3. Went all day Wed and half day Thursday to review all elements of EarthScope. Panel only reviewed MREFC portion of ES, not O&M part. So only construction of MT BB remains in MREFC, while TA ops is O&M. Panel was focused on finishing out the MREFC construction effort through the end of this fiscal year. Did give a brief status report on MT TA even though outside the scope of the review. Review went very well, with positive

- feedback from Kaye Shedlock. Report back from NSF is about a month or so. There will be a review coming up in February in Boulder, but scope of that review is not entirely clear, but likely to be focused on MREFC, but may have an O&M component.
4. No actions yet on the IRIS end w.r.t. membership of EMWoG, and rotations of members. This is normally discussed during Executive Committee portion of IRIS Board meeting, but nothing about this appeared in the minutes.
 5. AS described Blacksburg permitting trip and options for installing above-ground vault; as far as Braden we have improved access. We are waiting to see if the pumped out vault is still dry.
 6. All the response functions are now at IRIS – but SPADE is more of a development system and won't be entirely useful for another year or so – it will be possible to get all of the transfer functions in a batch will likely be possible in a couple of weeks. The designers have not yet had too much feedback, so the input EMWoG is providing has been useful to the computer software engineers at IRIS. It will be no problem to obtain all the transfer functions, but the GIS-type response function extraction will not happen any time soon. There are programs that have been tested and debugged on four different platforms that will let end-users read the XML files that SPADE can produce. The raw data are already available at the DMC. (AS to check on VND files to make sure all the sites are really available).
 7. Noise test of EMSOC-style NIMS by Unsworth using shorted E-field inputs shows RMS noise level approximately 3 times higher than new EMScope NIMS. This scales with the expected noise levels given the 8 Hz vs 1 Hz sampling rate, so the source of higher E-field noise level for then 2007 Cascadia experiment does not appear to lie within the new EMScope NIMS data acquisition system.
 8. AS reported Park has informed EMWoG that he is running the test comparing wet electrodes and Hungarian electrodes. Schultz and Park had been contacted by Hungarian vendor Andras with his offer to provide at no cost an improved, lower environmental-impact electrode for such a test, but Park declined since test was already underway. Schultz agreed to accept those electrodes for a possible Spring 2008 test in Oregon, but has had no further contact from Andras.
 9. GSY still hasn't issued its final invoice to IRIS for the Cascadia 2007 experiment. For next year can permitting costs be contained? Dean had no issues with how GSY carried out the survey this year.

10. Steve has not sent eos text to Dean yet. He will be reminded.
11. EMSCOPE AGU talk will be put together next week in Corvallis by Egbert, Schultz and Livelybrooks.
12. Woodward reports that there is an EarthScope Town Meeting at AGU on Thurs pm at 7 pm.
13. Next Meeting – EMWoG Annual Meeting at AGU on 12/11/2007 at 5 pm at Hotel Palomar