

Agenda (EMWoG Annual Meeting, Hotel Palomar (DeYoung Room)  
5:00-6:30 pm PST, Tuesday December 11, 2007):

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1. Identification of Participants
  2. Acceptance of Nov 16th telecon minutes.
  3. Report on USAAC report on EMScope (Woodward, Schultz, Egbert, Wannamaker, 5-20 min)
  4. Rotations of EMWoG membership (IRIS to report, 3 min)
  5. Backbone status report (Schultz, 5 min)
    - Permitting at MTB06 Blacksburg VA
    - Repairs at Braden MO
  6. CascadiaEM status (Schultz/Egbert, 10 min)
    - Response function transmission to IRIS DMC via SPADE
  7. Electrode noise inter-comparison test (Park, All, 5 min)
  8. 2007 TA field season post-mortem planning (All, 50 minutes)
    - Discussion with R. Mackie
    - Cost-overruns (~17%, mainly due to permitting) for Cascadia2007 – issues of fixed price contract
    - Scenarios for bidding/RFQ, separating permitting from TA data acquisition
  9. 2007 Calendar
    - EMSOC meeting San Francisco AGU week Thursday 12/13/07 Hotel Palomar
    - EMScope 2009-beyond planning meeting June 3, 2008
  10. Next telecon (third Friday of the month) Fri 18 Jan 3:30-4:30 pm EST. (AS note – time moved forward to 3:00-4:00 EST)
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Minutes Dec 11 2007 meeting –

1. Participants – Egbert, Evans, Livelybrooks, Park, Schultz, Unsworth, Wannamaker, Woodward, Mackie. Not present – Mickus (apologies). Several visitors/observers
2. Minutes accepted
3. EMScope report to USArray was well received. Previous USAAC trepidation about the EMScope program was substantially relieved; gratified to see the progress, that there are results coming out. Very successful – Bob Woodward. For instance, USSAC feels that MT is breaking new ground relative to previous practice.
4. EMWoG rotations – since we are in last year of MREFC award, IRIS is happy to leave membership as is for this year, or to do the rotations if the committee wants to do it. Agreement to retain current committee membership through end of MREFC. (AS Note – future EMWoG candidates Weiss and Bedrosian to be invited as non-voting observers to future EMWoG meetings/telecons for seamless transition when membership rotation begins.)
5. AS reported permitting and site surveys completed at Blacksburg, and parts acquisition has commenced; plans to visit Braden to assess and repair one of two vaults that was partially displaced by rising water table during 12-year flood event.
6. All discussed. In addition to data available from IRIS DMC, agreement to provide TAR files of response functions on EMScope.org web site in EDI format
7. Park reported on electrode intercomparison experiment – Hungarian electrodes as installed had approx 1.5 KOhm resistances with O(40-50 mV SP), while Park (0.7 KOhm) and Booker (1.2 KOhm) electrodes were in the hundreds of Ohms. Results from Hungarian electrodes were substantially noisier in Park's test. Because of differences in resistances, there is not a clear, definitive result. Park's group will return more definitive analysis within the month. Also OSU will plan to do a thermal cycling test in the spring.
8. Some of the cost overruns can be attributed to oversight issues at the GSY end – i.e. Thor bringing in add'l staff to complete permitting on time; improvements for future years would be joint permitting with seismic TA. Can we ask seismic permitters to also request that the landowner be asked to permit for TA too? We could distribute a brochure showing how MT is a small add-on to seismic TA. For next year request to IRIS to see if MT

TA can indeed use same land-owners as seismic TA and FA – this will save costs. OSU to represent a point-of-contact for permitting. GSY to provide separate quotes for permitting and for TA operations and we will then make decision on sole sourcing or if there is a requirement to bid. Intent is to commence permitting ASAP. It would help if we get approval from IRIS to co-permit seismic TA sites.

9. Other business – Bob Woodward – (1) eos article status question. Park to recirculate it immediately. DMC might be able to declare a Farm product for MT responses. (2) Chia-Lee Chang cooperation in HAARP array data with coils. Their data will then go into DMC. Can MT BB sites also be a possibility for collocation? Chang is located in DC area, so Woodward & Schultz to liaise with him and set up a meeting in DC.
10. EMScope planning meeting is June 3<sup>rd</sup> at Skamania Lodge