

EMWoG Telephone Conference Call
Thursday May 9, 2006, 2.00-3.00 pm EDT
Minutes and Action Items

Present.: Gary Egbert, Rob Evans, Kevin Mickus, Steve Park, Adam Schultz, Shane Ingate (quorum achieved).

Apologies: Phil Wannamaker (Chair), Dean Livelybrooks, Martyn Unsworth

Minutes from April 25 telecon were edited, approved and will be posted on the EMScope web site.

Procurement

- Status of loaner systems from EMSOC, UW.
 - Currently 2 systems are on loan from EMSOC to Schultz for Backbone work until late June. An additional 10 systems will be made available from EMSOC for Transportable work from the beginning of June 2006 through the end of October 2006.
- Status of electrodes for Backbone and Pilot.
 - Booker's new unanodized NaCl/kaolin electrodes in Russian buckets filled with NaCl/kaolin, will be tested against unanodized KCl/kaolin electrodes in Russian buckets with NaCl/kaolin during the TA.H03A (near Albany, OR) co-location test. The Pilot experiment will use Parks' existing electrodes.
 - **Action:** Schultz will report back with results of these tests.
- Backbone NIMS case redesign
 - Schultz reports that the new design of the vault requires a small form-factor for the Backbone NIMS case. He is working with Narod to use a smaller, cylindrical case, which should not cost the project extra.

Backbone

- Permitting issues and schedule concerns
 - Bull Shoals (MO) must be installed before Mickus departs mid-June through November 2006. Schultz will use one of the existing NIMS. Occupation of the old MT vault on Carr's Hill requires that the NIMS be relocated elsewhere at Parkfield.
- Status of Soap Creek, OR site co-located with TA.H03A
 - Schultz reports that the first MT station with magnetometer head installed 5 m from the TA vault May 3-8, then will be moved May 11 to 80 m from the TA vault.. Large-scale calibrations were run on the TA equipment on 5/5. Park will be conducting the analysis. Schultz also reported that a second NIMS will be installed 80 m from the TA site on May 11 for the electrode comparison test. The electrode tests will run for 1 week.
 - Schultz reports that there is a lot of unscheduled/unfunded work being conducted, namely the co-location test, the electrode test, and development of a telemetry system for Backbone sites.
 - **Action:** Schultz and Park to report on the tests.
- Data analysis

- Park reports that MT data QC is separately funded work by NSF.
- **Action:** Group requested that Park and Egbert write a review of data flow for both the Backbone and Transportable components, indicating how these data (and meta-data) will flow from the field to the DMC, and with what latency.

Transportable

- Pilots status
 - Ingate reports that bidding for the Pilot Project closed 5/5/06, and that 6 bids were received.
- Scientific oversight of Pilots
 - Livelybrooks indicated that he is working on the proposal for pilot field operations oversight.
- TA permitting in UT, ID, NV
 - Ingate reports that Wannamaker is working with the Transportable Array's efforts to use University students for siting in UT, ID and NV, and that Wannamaker is assisting with the work being conducted in UT.
- FA experiments in WA, OR
 - Many Continental Dynamics, EarthScope and USGS experiments are being run, or will soon be run, in the NorthWest. Of importance are the CAFÉ experiment by Creager et al, and the USGS profile being run by Bedrosian.

Miscellaneous

- Review of MT course in Memphis; planning for IRIS Workshop
 - Carry-over to next telecon.
- Poster for IRIS Workshop?
 - Ingate reports that there is not much data from the co-location experiment, or time, to prepare a poster on EarthScope MT for the IRIS Workshop
- EOS paper status
 - Still in progress.
 - **Action:** Ingate to provide input. Park to prepare one last go-around.
- Review of IRIS CoCom/BoD, preparation for EFEC
 - Ingate presented a review of ESMT to IRIS CoCom/BoD. This review will act as the basis for the EFEC Review of USArray in May.
- Status of map showing other experiments
 - Park is nearly finished with this. Group reports that coordinates of Booker's early campaign sites are unknown.
 - **Action:** Parks is urged to complete this.

Upcoming meetings

- USAAC meeting, May 16
- EFEC Review of USArray, May 17-18
- ESMT short course, Jun 7
- IRIS Workshop, Jun 8-10

Next telecon

- Tue 23 May 2-3 pm EST.