

## **Subject: Minutes of GOES-R AWG Leads meeting**

**Date: 2 February 2007**

**Preparer: Leanne Avila**

- Action items from the previous meeting were reviewed. Steve Ackerman still needs to be asked about participating on the Radiation Budget Team. The satellite project conversion has been completed. Mat Gunshor has been designated as the POC for “real” proxy data sets. The Proxy AWG deliverables were prepared and submitted.
- The Proxy AWG deliverables included 3 timesteps of atmospheric profiles from the WRF, 3 timesteps of TOA radiances for ABI, plus the associated documentation (including documentation of the forward model).
- The AWG budget for 2007 was discussed. The spreadsheet shown during the meeting included columns for funding received 4/06-3/07, remaining balance, and estimated funding for 4/07-3/08.
- Bryan Baum has \$25K for cloud work.
- There was some question if Wayne’s aviation budget included funds for the aerosols work (it does include funding for Mike Pavolonis and Tony Wimmers).
- Bob Knuteson now has \$320K for implementation (had been in Risk Reduction, but was appropriately moved to AWG).
- Jeff Key has \$90K for cryosphere research.
- Hurricane Intensity has \$100K.
- The Sounding budget is still doing well at \$160K despite the loss of HES.
- The Winds work should receive their full budget (\$110K).
- Mitch Goldberg had wanted to zero out validation, but the project will still receive funding. Dave Tobin was not surprised by Mitch’s reaction; due to the cancellation of HES, there were not many algorithms to work with, and consequently not much of the validation funding had been spent. However, the money also did not come in until the fall.
- Ozone was another area that Mitch wanted to zero out, but provided \$45K.
- Tom Achtor asked Elaine if she would have an algorithm delivery this year. Yes, in the middle of the summer, although the code would not be McIDAS-free.
- Algorithms can be provided to the AIT and be brought up to standards later.
- Dave Tobin was concerned that his work was very HES specific. Allen suggested that his work be modified to a non-HES hyperspectral sounder or even a sounder with current capabilities. Dave should also go back to his chair for advice. In addition, Mitch Goldberg would be consulted at the upcoming HISE meeting.
- Wayne highlighted the revised AWG Web page with an expanded information section. Wayne wanted everyone to populate the AWG

science pages with their reports in order to foster communication and coordination between members.

- Allen mentioned that if people already have web pages for their AWG work to provide links to be added to the AWG page – no need to do extra work to get them on the AWG site.
- Wayne will post the AWG contribution to the Annual Report on the Web.
- Proxy ABI data is due 31 March.
- AWG leads discussed the science concerns that they had.
- Elaine is concerned about the lack of access to any proxy data yet. The proxy data from CIRA will not be ready until March or April. In the meantime, Elaine stated that “we’ve been developing our own proxy data.” Algorithm work will have to wait until there is proxy data available, but the algorithms are due in August. Elaine will talk to Mat Gunshor about access to some proxy data.
- In the Winds group, Iliana has been working on simulated data sets to produce ABI-type winds. Steve has been simulating Meteosat/SEVIRI winds.
- Mike Pavolonis mentioned that staffing is a concern. Hard deadlines leave little time to spin up new staff.
- Chris Schmidt is using SEVIRI retrievals as a proxy until the ABI proxy data is ready. Could MODIS serve as a proxy? MODIS striping is bad.
- Chris Velden commented on the remaining balances for the various AWG groups. Many have spent 50% or less, but proxy funding is almost gone. Is there a plan for how to spend the remaining funds?
- The payback in proxy funding is not there yet, and that will help, but there is still a problem.
- Allen noted that the proxy funding has absorbed a lot of tasks that do not fit anywhere else – surface emissivity, implementation. More than 20 people charge to the proxy project number. The funding is supporting many teams and work that cuts across teams. Allen is looking for help from others to support this work in order to keep all the teams strong.
- Do we expect that proxy funding will go down? Peak funding is during the first three years, but then should go down in the fourth year (although funding has already been cut in year 2).
- Funding will carry over. Chairs are aware of how much money has been spent though.
- Chris V. pointed out the psychological factor in this funding game, and how some hold onto portions of funding just in case.
- Tom A. noted that funding for this year would not arrive until July.
- Perhaps projects should be seen as running from July til June.
- We need to keep reminding Mitch of the funding facts. Funding continually arrives late, which affects the work that can be done and when funding will be spent.
- Wayne provided an Integration AWG update. Wayne needs to discuss with Walt Wolf his bulleted list of requirements. Then Tom, Wayne, Ray, and Maciek will meet to discuss Walt’s list.

- One thing Walt is pushing for is a new hire for the cluster.
- McIDAS-free code is expected.
- Allen discussed the new end-to-end role. No official team is available. Nor is it a part of proxy – proxy simply cannot absorb or handle this role. However, the role needs to be demonstrated by April. It is more than engineering – it is also the science.
- Next meeting will be March 29 at 1pm.