

## **2/4/2009 CERES Data Management Team Meeting**

### **Upcoming Events:**

Jim McCabe has finished the first round of meetings discussing SCF requirements. Jim will contact folks for follow-up meetings as necessary.

### **Notes from the previous meeting**

**(Held 1/21/2009 at 10:00 a.m. in Room 2316 at the ASDC)**

### **ANNOUNCEMENTS**

We need to have everything off of *ampersan*; if you don't, contact Mike Little immediately.

Please turn off cell phones or set them to vibrate.

Raise visibility of new files as soon as possible so changes can be made to ANGe. A few weeks notice would be nice; put it in your DMTM status report.

If you are delivering any files that might eventually end up on an SGI machine, be sure to create your tar file on an SGI.

### **ASDC**

Lindsay sent out an announcement about AVG, ZAVG, and SYN Beta6.

TISA Gridding SCCR 684 was promoted. Testing of Instantaneous SARB is on hold. The TISA Gridding delivery for SCCR 685 was received yesterday.

StorNext had a problem with the management of tapes that was resolved yesterday. StorNext software needs a patch to fix this problem.

IBM – PDR/CDR sometime in February; otherwise, no update.

Chris asked that Denise and Walt let him know exactly what's being used successfully on *asdcsm1* (X86) so he'll know what's working.

A new version of ANGe is still on schedule for promotion to production on January 22.

Input for the Senior Review is due by March 13, 2009. A year each of SYN, AVG, and ZAVG (Terra and Aqua) needs to be completed and available to the public prior to the review so we can demonstrate this promised accomplishment. The second highest priority is BDS and ERBE-like Edition2 through 2008.

### **SCF**

Cathy found a problem with her Beta6 AVG files (two months should have default data but don't); Lisa L. thinks a script needs to be updated in order to write data to a temporary directory but should it be done in the ASDC's script or in Cathy's script? Chris asked Tonya

to run from the SSI&T directory and point to production for the input data. This needs to be resolved in the next few weeks as it is the highest priority to get output for this for the Senior Review. Only AVG has a problem and then only with selected parameters during the two impacted months. SYN and ZAVG are fine.

From the previous meeting - Cathy reported that NetCDF doesn't compile on Mac. She's been talking to Scott about this. Today's update - Scott got it to work for Cathy, but the fix broke it for everyone else. Scott then fixed it for everybody else but is still trying to resolve the problem for Cathy.

Tammy mentioned that she noticed system clock problems on *magneto* when testing TISA Gridding.

### **PRs**

TISA Averaging for AVG, ZAVG, and SYN is the top priority; SS8 is on hold until problem resolved; TSI is running now.

Working on PRs for ValR12 for Gains and Spectral Response Functions and for Edition2 processing through SS1, 2, & 3.

Erika wants the MOD02/MOD03 mismatches deleted for 2007.

### **CM**

Schedule updates were reported.

The Clouds CERESlib delivery depends on HDF EOS problem being resolved.

Discussed SCCRs 693 (Clouds) and 694 (Instantaneous SARB).

Erika mentioned during the discussion of the Clouds SCCR that FlashFlux and CALIPSO need to be notified of the change from 1/8<sup>th</sup> mesh to 1/16<sup>th</sup> mesh.

### **Toolkit**

The HDF EOS library on *magneto* looks like it might be 32-bit instead of 64-bit. If so, then it needs to be recompiled correctly.

### **SUBSYSTEM STATUS:**

#### **Instrument**

Possible Toolkit issue on X86; maybe Kam-Pui's fix doesn't work for little endian.

Waiting for Kory to OK Edition2 gains and spectral response function files.

From the Instrument report in the Subsystem Issues and Status table – A problem with ephemeris/attitude data beginning at 01:42:14 UT was discovered for Terra, all data files have been re-ordered, but this did not fix the issue. The data can be processed if the start

time is set to 02:01:00 UT, missing the first 2 hrs of the day. – Denise plans to run on Mac with TK15 to see if this is a TK12 vs. TK15 problem.

### **ERBE-like**

Edition2 Spectral Response Function files look good; waiting for Kory's approval.

### **Clouds**

Ashley solved the Welch problem that was reported last meeting. Still working on snow/ice library problem (need 64-bit HDF EOS library instead of 32-bit).

### **Convolution**

Updating Clouds Operator's Manual for new PGE and directory structure.

### **Inversion**

Working on Edition2 delivery.

### **SARB**

Working on Edition3 MOA and Instantaneous SARB delivery.

### **TISA Averaging**

Updating DPC sections for sample read packages for upcoming delivery.

Working on creating CLAREO data for Dave.

### **GGEO**

Raja reported that the problem mentioned in the first bullet of the GGEO section of the Subsystem Issues and Status table happened during testing.

### **Meeting ended at 11:10 a.m.**

After the main meeting, Erika held her quarterly review of the PGE Current Events table with representatives from each subsystem. That meeting ended at 11:35 a.m.