

## **2/18/2009 CERES Data Management Team Meeting**

### **Upcoming Events:**

CERES Senior Review – March 13, 2009

CERES STM – April 28-30, 2009, Newport News, VA

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

(Held 2/4/2009 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 reported that he is investigating two data issues. 1) A repeat of information in FSW between 0 and 180 east; Dave Doelling is looking at this. 2) 2005 and 2006 CRS HDF structure issue. Information about this has been forwarded to Tom Caldwell; Erika suggested that this also be sent to Lisa C. so she can check against old PRs.

Disk space is 91% on *warlock*.

Testing of Instantaneous SARB is on hold; testing TISA Gridding delivery for SCCR 685; received Inversion delivery for SCCR 690 yesterday.

Caroline Rasmussen was introduced as "Chris Harris for now". Chris is now a civil servant.

If anyone has operations-related problems on magneto send email to operations at larc-asdc-ops@lists.nasa.gov.

*From the previous meeting* - StorNext had a problem with the management of tapes that was resolved yesterday. StorNext software needs a patch to fix this problem. *Today's update* – StorNext still needs a patch but the problem hasn't returned.

IBM – PDR/CDR date TBD.

Chris received the information letting him know exactly what's being used successfully on *asdcsm1* (X86).

A new version of ANGe is being promoted to production on today (2/4).

## **SCF**

*From the previous meeting* - 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. *Today's update* - Lisa L. ran with the new PCF from Cathy, but got an error (202) because the temporary directory couldn't be found.

*thunder* and *lightning* are being migrated to a system at ASDC by mid-February for testing; they should be fully online by March 2 and will be run together for the first 30 days. After this 30 days aliases will be put in place so that if you attempt to logon to *thunder* or *lightning*, you'll be redirected to the new machine.

The SGIs are freezing because they are overloaded; Frank is trying to resolve this problem; should be better after *thunder* and *lightning* are moved to the ASDC; part of the freezing problem is because the home directories are on *xsan*.

*From previous meetings* - Cathy reported that NetCDF doesn't compile on Mac. She's been talking to Scott about this. 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. *Today's update* - The fix requires recompilation of HDF4 and the Toolkit. We should let Scott know when we want to do this. He'll do it on a Saturday to minimize the impact. This will potentially impact a lot of things. This affects the Macs since it runs fine on the SGIs.

## **PRs**

No one attended who could address the PRs.

## **CM**

Comments on Delivery Schedule:

Denise said that the February 20 Instrument delivery to CM has 80-85% chance (looking good).

Dale said that he doubted the February 27 ERBE-like delivery date would hold up.

Tom said that the February 27 MOA delivery date should be fine.

Discussed SCCRs 695 (SARB), 696 (ERBE-like), 697 (CERESlib), and 698 (Instrument).

## **Toolkit**

Possible rebuild for NetCDF as mentioned earlier.

## **SUBSYSTEM STATUS:**

### **Instrument**

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

C++ and Ada will have to run at the same time for a while so some of the PGE numbers will be changing.

In regard to testing Ada on X86, ephemeris and attitude results were not as expected – as a result, getting no geo-location results.

### **ERBE-like**

Working on upcoming delivery.

Created ES-4s and ES-9s for Tak for him to use to evaluate a problem with FlashFlux.

### **Clouds**

Delivered Edition2 yesterday; switching to Edition3 mode now.

NEWS still has code to be recovered from SAN crash.

At 1:00 today Erika and Walt are meeting with Norman to finalize the parameters on SSF. So, after the meeting, update the SSF DPC, circulate (send out by email) the updated SSF DPC as a FYI, and put the updated SSF DPC on the DPC website

### **Convolution**

Looking at 2006 – 2008 Terra MODIS files as requested by Pat Minnis.

### **Inversion**

Recreating data in support of a couple of reports.

### **SARB**

MOA delivery will have a new PGE (CER12.1P2) to separate Edition2 from Edition3; will probably need a delta delivery later once file names are finalized.

### **TISA Averaging**

Preparing for SRBAVG delivery; found differences between *magneto* and Macs.

### **GGEO**

Working on coefficients.

B1U will be converted to McIDAS format and delivered to ASDC. Raja, Cathy, Doug Spangenberg, and folks from the ASDC need to meet on this to resolve the way these data will be ingested and processed using McIDAS or McIDAS-like software.

**Meeting ended at 11:25 a.m.**