

1/21/2009 CERES Data Management Team Meeting

Upcoming Events:

Individual meetings with Jim McCabe to discuss SCF requirements:

Instrument - 1:30 – 4:00 on Wednesday 1/7/09

TISA - 9:30 – 12:00 on Thursday 1/8/09

Clouds/Convolution - 9:30 – 12:00 on Friday 1/9/09

SARB - not scheduled yet

Notes from the previous meeting

(Held 1/7/2009 at 10:00 a.m. in Room 2316 at the ASDC)

ANNOUNCEMENTS

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

TISA Gridding SCCR 684 should be promoted today.

Disk space is 96%.

Standing Requests – Ed1 CV Nov'08 (now) and Dec'08 (soon) – Aqua – fine; Terra – leap second problem.

AVG, ZAVG, SYN – waiting for OK on DQS.

A new version of ANGe will be promoted to production on January 22.

The December 22 power outage went well.

Over the last several weeks there have been a few StorNext problems; nothing catastrophic; not totally healthy yet. A new release of StorNext along with a new server and new OS are a few months away.

IBM – PDR/CDR probably sometime in February.

/ASDC file system using 66TB out of 80 so there's still some space available.

Question was raised about the senior review – Erika said that she believes the input for the Senior Review is being written/prepared in February 2009 and the review itself is going to be

in March 2009. A year of each SYN, AVG, and ZAVG (Terra and Aqua) need to be completed and available to the public prior to the review so we can demonstrate this promised accomplishment.

asdcsm1 – Instrument is using Intel Fortran compiler, Walt using GFortran; Chris says we can use two Fortran compilers on future x86 machines if necessary though one would be ideal.

MOD02 and MOD03 files are coming in now.

There is no network connectivity to *mag501* and *mag503*.

SCF

Denise was trying to use daacget on SGI and Mac but it got a message that it didn't exist; Erika will send out the Mac path for daacget that the SAs gave her, Cathy will respond to all with the SGI path.

Denise asked if the leapsec and UTC pole files have been updated on Macs and SCF SGIs; Frank has taken care of SGIs.

Cathy reported that NetCDF doesn't compile on Mac. She's been talking to Scott about this.

SEC

The Operations Agreement being reviewed. Erika would like to see it before it's finalized.

Toolkit

From the December 10 meeting - Versions of CERESlib message and include files change depending on what machine you're logged into at the SCF. Since home directories are all on *xsan* this causes problems when working on multiple machines. Scott will send email to everyone who uses the SCF machines letting them know what the problem is and what the proposed solution is. Folks will have four weeks to respond and then Scott will fix the problem. – Scott has fixed this problem.

Raja found that PGE CER11.7P1 works using TK5.2.15.

PRs

TISA Averaging for AVG, ZAVG, and SYN is the top priority; Cathy is evaluating Beta6. Plan is to process one year of each satellite for the senior review and then finish up the runs.

CM

Schedule updates were reported.

Clouds delivery might slip due to problem Sunny is evaluating.

Inversion delivery looking good, but still testing on *magneto*.

TISA Averaging date might slip again due to Cathy's CLAREO work.

SUBSYSTEM STATUS:

Instrument

Extending Edition2 gains through the end of 2009; delivery 1/30/09.

Terra was having trouble for 2 ½ days [Dec 20(4a) – 22(2100) – Erika] – the CERES instruments were/are okay.

ERBE-like

Snow discussion – NESDIS changes don't impact ERBE-like.

Clouds

Working on Edition2 delivery; new PGE for snow/ice.

Convolution

Made code changes to have everything process correctly on the x86 testbed.

Inversion

Testing code on *magneto*.

SARB

Working on Edition3 for MOA.

TISA Averaging

Comparing Beta5 and Beta6 SYN, AVG, and ZAVG; AVG has differences in January and August; Cathy can't recreate what the ASDC created; asked Lisa L. to rerun August; will re-evaluate one the re-run is finished.

GGEO

Raja got a new set of coefficients from Dave yesterday afternoon.

Meeting ended at 11:20 a.m.