

6/24/2009 CERES Data Management Team Meeting

Upcoming Events:

Science Team Meeting – November 4 – 6 in Ft. Collins, CO

Notes from the previous meeting

(Held 6/10/2009 at 10:00 a.m. in Room 2316 at the ASDC)

ANNOUNCEMENTS

Please return customer phone calls.

Please use the DMT alias for emails that pertain to the entire DMT. There is also a DMTM alias that has everyone who attends the DMTM.

Please note if activity is for Edition2 or Edition3 in status reports.

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.

ASDC and SCF

Production:

Baseline1-QC – have all data now and processed through 6-7-09 for Terra & Aqua

Edition1-CV & NoSW-CV – processed through 6-1-09 for Terra & Aqua

Clouds Snow/Ice – processed through 6-7-09

ERBE-like Snow – processed through 5-09

MOA Valr2 processed and ready for Tom to review

Completed Aqua Syn. SARB Edition2B

SIT:

Received CERESlib (SCCR 712)

Erika asked if any deliveries in SSI&T produce 0-length Vdata. She explained the background and said that Science doesn't want to keep using the workaround. Victor will check for his delivery and get back to Erika; Denise says her deliveries are fine. Lisa C. reported that someone kind of new is looking at the problem and it will take a while to resolve. Erika said that the candidates for having this problem are deliveries that have been made since we upgraded to the new Toolkit. Lisa indicated that Matlab has been notified of the problem. Matlab says they fixed the problem in the previous version and they don't know why the fix isn't in the latest version.

User Services:

Lindsay is keeping in touch with Lisa for the Matlab fix.

SCF:

Priority with *ami* is getting data copied. Will start this weekend; will take a couple of days; eventually there will be only one copy of the data (the one on *ami*) and this will be mounted to other systems.

Scott is having trouble putting CERESlib on *asdcsm1*; says system is not usable since file system isn't there. Denise reported that since yesterday *asdcsm1* is seeing the same stuff as *magneto* as it should. Caroline told Scott that she thought it wasn't being used as a testbed anymore, but Chris said that it's still the test x86 system. *asdcsm1* needs the SCF file system and online archive to be mounted.

Two months until X86 blades are on *ami*.

Cathy needs additional high-level TISA directories on *ami* – send a help ticket.

Scott will send an email to the DMT with suggestions (scp, rsync) of how to copy files to *ami*.

IDL – With *warlock* going away and P4 & P6 not running IDL, how will PGEs that use IDL work on *ami*? Right now on *magneto* PGEs that use IDL run on X86 blades; this will continue on *ami*. IDL might not be on *asdcsm1* – Chris will check. Might need to create GIFs on SCF and deliver to production if IDL not available on *ami* by the time we start delivering there. *ami* should work the same as *magneto* does now with regard to IDL.

Everyone needs to be aware that PCFs are being created on X86 blades on *magneto* in production.

lanina was moved to the ASDC. Sunny is still seeing “freezing”; Denise will send an email to the DMT with the trick to getting better performance.

spg10-thunder alias works for some but not for others. Check Host table; might have old *thunder* IP address.

After discussing the new directory structure on the IBM system, Chris had a follow-up discussion with Raja about McIDAS.

From the previous meeting - Sunny asked if we are supposed to compile on *lanina* or *spg10*. There's a non-licensed SGI Fortran compiler on *spg10* and *lanina* that seems to work despite warning messages. Victor compiles on *warlock* and moves the executable back to *spg10* or *lanina*. Trouble tickets have been sent, but no response. These should be forwarded directly to Caroline. Denise is having the same issue with the C compiler; she will send a ticket directly to Caroline. *Today's update* – After talking to Frank, Erika sent an email to the DMT with information about compilers. Frank stated that the error messages will go away after the next down time. The compilers will no longer be available on *spg10* since they can't get temp licenses anymore.

PRs

Once the Instrument ValRs are approved, PRs 21-28 will start followed by 53-57.

CM

The Data Flow Diagram has been updated.

Discussed updates to the Delivery Schedule.

Discussed TISA Gridding SCCR 714.

From the previous meeting - When discussing the CERESlib SCCR, Scott mentioned that the following platforms have not yet been updated with the latest CERESlib: *spg10*, *ascdsm1*, and *x86* on the new IBM system. *Today's update* – *spg10* and *x86* are done now; not sure *ascdsm1* is needed anymore since it will use CERESlib from the new IBM system.

SEC

Meeting scheduled for June 15.

Toolkit

Discussion about the Toolkit on *ascdsm1*.

SUBSYSTEM STATUS:

The Subsystem leads will be meeting to discuss the directory structure on *ami*.

Instrument

ValR12s – December 2008, but before that there are some discrepancies.

ERBE-like

Edition3 is taking precedence over everything else.

Dale needs to talk to Cathy about IDL.

Clouds

Still problems with Clouds delivery (SCCR 693); one hour dying in testing. Check archive to see what happened when this date was processed before; maybe run another day; maybe run on SGI for comparison. It's normal to have an occasional hour die.

Edition3 meeting held last week; lasted 2.5 hours; didn't finish; Pat to schedule another meeting.

Inversion

Edition2-Beta3 software in good shape; waiting for type_def from Walt.

Erika will check with Science to see if they're okay with the new Terra & Aqua Inversion-only PGEs always reading IESs.

SARB

Working on SSMI issue (new SSMI will be HDF-EOS instead of HDF4).

TISA Averaging

Tested SRVAVG on P6.

Mark and Liz are working on NetCDF for Edition3.

TISA Gridding

ValR10 FSW - okay.

New parameters for SFC.

CERESlib

Delivered SCCR 712.

Special Development

Two databases being developed:

1. Putting information for the DPC into a database; Norman has approved this project, but it's on hold for now.
2. Putting information from daily ANGe reports into a database

Erika asked that the status of these projects be added to the biweekly status report.

Meeting ended at 11:38 a.m.