

03/05/2008 CERES Data Management Team Meeting

Upcoming Events:

May 6-8, 2008 CERES Science Team Meeting in Newport News City Center
June 10-12, 2008 NPP O&S, IDPS, and C3S Face to Face meetings, Aurora, CO

Notes from the previous meeting (02/20/2008)

ANNOUNCEMENTS

G5-CERES seasonal validation months continue to be delayed another week.

Erika and John will be meeting with each subsystem over the next couple of days in regard to staffing. Hope to get this underway this afternoon.

Lisa Coleman will be taking over the PRs and processing priorities for Terra and Aqua.

There is going to be a CERES-NPP Technical Interchange Meeting on Thursday, Feb 28 with Bob Schweiss and others from GSFC.

ASDC

Expect to complete Instantaneous SARB (PR 6-08) by the end of the week.

Disk space is holding at 95% (w/o Lisa doing anything).

12/2007 MOA and PMOA were completed yesterday. It was suggested that DM folks might want to be sure the output is okay as the input file sizes were bigger than expected. Tom said that with OMI data the file sizes would be expected to be larger due to higher resolution.

warlock crashed yesterday – looking into that.

Issues from the previous (02/06/2008) meeting

daacget/daacfs status?

Need to do something to avoid getting the banner. Erika still needs to use backlash. Ed said he would check with SAs to be sure people are accessing the right daacget.

Cases where CERES data are available in the archive but not via the ordering tool have been identified. Until ASDC reports measures taken to ensure this doesn't happen in the future and checks for additional, substantial data gaps have been made, this will remain a meeting topic.

Running a script in the evening to make sure all the right files are in ordering tool. Just started doing this last night. If files are identified as missing, they will be repopulated. So far there has been insufficient testing to demonstrate that it works dependably.

StorNext status?

StorNext has been mostly stable but still having typical issues.

mag502 and *mag503* status?

mag501 and *mag503* are okay. Don't use *mag502* for testing. It has an as of yet unidentified problem which causes the kernel to panic and freeze. Need more specific information before a trouble ticket with IBM can be opened

From the last meeting, Lisa Coleman will be providing a list to the DAAC of PCF and log files that may be deleted from archive. What's the status on this?

No report.

SCF

Installed gcc 4.2.1 on Mac servers, *manila*, *corregidor*, and *nagacity*. Couldn't find 4.2.2 version for Macs (4.2.2 runs on *magneto*).

Slowness on *thunder* and *lightning*? There have been no recurrences; however, it may not have been tested as people are moving to Macs.

Scott is going to investigate sendmail problems. As of last week, it wasn't working on any machine (SGI or Mac). This has not been checked this week.

Issues from the previous (02/06/2008) meeting

Open Directory status?

Not addressed.

Emacs on *thunder* status?

Emacs problem continues – there are no new solutions. Scott is going to discuss this with Frank.

In the CERES SCF Status report from the last meeting it said, “A Preventative Maintenance plan is being developed for implementation later this month” which is what it said in the previous report. What is the target implementation date?

Not addressed.

Verify plan is to have TK upgrade to v14... or v15 by March 31, 2008. Put specific date(s) in the “CERES SCF Status” table for “certain time”, i.e., a mid-March start to be completed NLT March 31, 2008.

The SCF report specifies that if TK 5.2.15 is not received by 03/14/2008, the SAs will proceed with the installation of TK 5.2.14.

Complete the “Magneto IBM 970” column in the “CERES SCF/ASDC Server Information” table.

The chart was not updated because the SAs did not have the necessary information. Erika asked Chris H. if he could provide the necessary information.

Renaming of LaRC Domain accounts in regard to Heather Callahan's "Wed 2/13/2008 5:01 PM" email (Renaming of LaRC Domain accounts).

The only impact is that one's NOMAD username will change to AUID when notified via email.

SEC

Denise is working on the notes from the last meeting. There has been no meeting since the last DMTM.

PROCESSING STRATEGY

This is Erika's last report; she has closed out as many PRs as possible. Lisa will be handling this in the future. There were no questions on the report.

SUBSYSTEM STATUS:

CM

Working on Clouds delivery

Instrument delivery has slipped from Feb 22 to Feb 29 (SCCR 610)

Cathy is waiting on Dave to give okay regarding the Averaging delivery (SCCR 667) scheduled for this Friday, Feb 22.

There was one SCCR (#669) for Inversion. Victor briefly commented on the SCCR.

The SSF Sample Read Package (SCCR 669) will be delivered to ASDC today.

Tom will be providing CM with a Sample Read Package for CRS. The SCCR will be forthcoming later this week.

Instrument

There's a 02/16/2008 Aqua Level-0 file that Denise asked ASDC to remove; they did.

C++ was a great class.

Still trying to find time to make Ada delivery under the new directory structure.

ERBE-like

Also attended C++ training

Resuming work on Edition3 with Grant and Peter. They are doing Inversion differently than currently coded. Tested with Terra data set.

Clouds

Finishing up the Beta1-Edition3 delivery.

Convolution

Switching from Edition3 and working on Seiji's NEWS code.

Inversion

Code is working with the new directory structure.

Still hasn't resolved differences in footprints; may just delivery to *warlock* if this isn't resolved.

SARB

Tonya and Vertley want to talk to Tom after DMTM to discuss problems with testing Synoptic SARB (SCCR 663) and Instantaneous SARB (SCCR 668).

GGEO

GGEO has been modified to work in the new directory structure and is working okay on *magneto*. Other 2 PGEs sometime this week.

Regarding compilation problems on *magneto* between gcc 3.3.3 and gcc 4.2.2. Scott says there's no "bits" directory. He's asked that the "bits" directory be copied over - not just contents but directory structure. Christian will propagate files to development blades. Every subsystem will need code changes at some point to remove dependencies on things only available in SGI environment.

TISA Averaging

The SS8 (SYN/AVG/ZAVG) web plotting code was tested on warlock and on magneto and works fine on both. It takes 1 day to run one month of data. As of yesterday, Dave is NOT happy with results. Magneto runs 5x faster than SGI.

Trying to get a Subsystem 10 Configuration Code issue straight with ASDC.

Agenda:

ASDC Status

SI&T

Interfaces

Operations

User Services

- daacget/daacfs status?
- *mag502* and *mag503* status?
- From the last meeting, Lisa Coleman will be providing a list to the DAAC of PCF and log files that may be deleted from archive. What's the status on this?
- Status on warlock? It was reported that it crashed on 02/19/2008 at the last meeting.

SCF Status

- Open Directory status?
- Emacs on *thunder* status?

- In the CERES SCF Status report from the last meeting it said, “A Preventative Maintenance plan is being developed for implementation later this month” which is what it said in the previous report. What is the target implementation date?
- Complete the “Magneto IBM 970” column in the “CERES SCF/ASDC Server Information” table.
- Slowness on *thunder* and *lightning*?

SEC Activities

DM System Issues and Status

Processing Priorities

CM

– Schedule

– SCCRs

Instrument Special Operations

Subsystem Reports

Other