07/11/2007 CERES Data Management Team Meeting

Upcoming Events:

Nov 11-14, 2007: Fall CERES **Science Team Meeting** in Victoria, BC, Canada

Notes from the previous meeting (06/27/2007)

Other Topics to Cover:

As reminder, the switch over to the **new phone numbers** in the 1EP facility is to begin ~4p, Thurs, Jun 28. The new system should be in place first thing Friday morning, Jun 29.

Denise reported that the **SEC** met for ~15 minutes just before the last DMTM. They discussed the 4 assigned items on Erika's list, plus they have added a new item from Lisa. They are going to have a meeting this afternoon at 2p to continue their discussions. Please see the posted SEC report for details.

Lisa C. reported that the **Little/Big Endian** group met and have come up with two approaches to investigate further. They plan to review the two approaches with their science folks and reconvene next week subject to 4th of July schedules.

ASDC:

Lisa L. reported that Aqua SSF Ed2B processing was completed, Terra SSF Ed2C processing had started, and, in general, lots of processing is going on. New PR 114-07 will be started as soon as possible. Otherwise, see the ASDC Status report for June 27th.

Tonya reported that the status is as printed in the ASDC Status report for June 27th and that they are planning to promote Synoptic SARB (script) today.

Chris reported that the archive is hopefully providing reasonable performance. Please let Chris know if you experience any problems. It is now taking 160 seconds rather than 14 minutes to get a file from a tape in the archive. They hope to have the new configuration in place by mid-August. Michelle is going to be stepping down as the Operations Lead for ~3 months beginning on July 09. Ed reported that Kim Cannon will be filling in during this period. Sunny commented that she was still experiencing slow response from the archive system. Chris asked her about the experience and said that they plan to continue to monitor archive performance.

SCF:

Regarding the "Backup servers have been purchased for all desktops at…" 1EP, Ed reported that this is still being implemented at the rate of 1-2 users per week. The back-up issue associated with Mac Workstations and PC Workstations both related to the above mentioned backup servers that were purchased for 1EP. It was also noted that "Mac Workstations" is listed twice.

Ed said that if you don't have or can't use IDL on your new Mac, please send a help ticket.

Scott upgraded SGE to v6.1 yesterday; there was a problem which he plans to correct today.

Ed reported that Mike said that we may have scored Moderate rather than High risk on the recent system audit. He is going to investigate and report next time; ASDC folks are particularly interested in this as they interface with both the SDS and SDCE systems.

Ed announced that they had reintroduced the old server table back into the SCF Status report and that its content was accurate as of yesterday.

In response to a question from Sunny about the availability of the SGI servers, Ed announced that *lightning's* failed disks were being rebuilt now and that his "best guess" is that *lightning* will once again be available this afternoon.

SUBSYSTEM STATUS:
CM – Tammy reported no SCCRs and that the schedule has changed quite a bit.
Instrument – Denise reported that,

- Scott was a big help in getting IDL working on her Mac.
- Instrument is running GERB and Aqua/Terra intercomparisons.
- She had worked with Cathy on *magneto* problems and there is a meeting scheduled after this meeting to review the *magneto* problems.
- She can now submit jobs to *manila*/*corregidor* through SGE from her iMac.

ERBE-like – Dale reported that,

- He is continuing to learn Grant's Ed3 validation code.
- He also commented in regard to "combining SSF and ES-8 data to create nadir product" that they temporally and spatially align the ES-8 and SSF data products so they can replace the E-l sceneID with the sceneID from the SSF.

Clouds – Sunny said that she had been concentrating on her work with A-Train.
Convolution – Walt clarified that he is referring to the Mac cluster in his report when discussing stress testing. He is finding that the processing time per job is dependent on the number of jobs submitted; the more jobs submitted, the longer the average processing time per job.
SARB – Lisa reported that the comment under Subsystem 5.0 (Looking into possible ways to streamline organization of Edition3 software.) is about organizing modules. Regarding the status of Subsystem 7.2 (Producing a test month of Beta4 SYNI for evaluation.) she said that it is finished for the current version.
Inversion – Victor said that he was testing a couple of options in looking at the Little/Big Endian conversion question.
TISA Averaging – Cathy reported that Dave Doelling wants to deliver to both *warlock* and *magneto* in spite of the problems we are now having with *magneto*. This could impact the delivery schedule.
TISA Gridding – Raja submitted 24 (Subsystem 9 generating SFCs) jobs at one time on the Mac cluster, and they completed in ~5 minutes. There were no other jobs running during this time. On *thunder* each job runs in ~6-7 minutes, but only 4 jobs can be submitted at the same time.
CERESlib – nothing to add.

Agenda:

Other Topics to Cover:
Denise – **System Engineering Committee** (SEC) report?

Lisa C. – Update on the "**Endian**" status. Lisa reported that the group was pursuing two approaches at the last meeting.

ASDC Status

SI&T
Interfaces
Operations
User Services

SCF Status

DM System Issues and Status

Processing Priorities
Schedule
SCCRs
Instrument Special operations
Subsystem Reports

Other ??