

07/09/2008 CERES Data Management Team Meeting

Upcoming Events:

July 09-10 – (Janice Smith) NPP/CERES TIM

August 06 (?) – NPP SDS SD3E, Land PEATE, Earth Radiation PEATE ‘Delta Design Review’
(Schweiss is waiting on LaRC to confirm date)

Notes from the previous meeting (06/25/2008)

ANNOUNCEMENTS

Several folks attended the F2F meetings at Raytheon-Aurora last week.

Several folks including Victor, Ricky, Walt, Mohammad, Sunny, Liz, Yan, Phil, Robert, and Peter, attended C++ training during the week of June 16-20.

ASDC

Inversion will be promoted by the end of the week.

A correction was made that “Aqua Edition1-CV” was complete through 09/01/2007, not 08/01/2007.

11 ValR11 runs were completed.

The upcoming mission review will cover Aqua data through May 2007; it is important to get data through May 2007 processed.

X86 ‘test’ machine with Intel compiler arrived today. TK decision was to be made by today but since Chris is still 2 weeks away, have another 2 weeks to make decision (TK 15 or 14).

The problems associated with the profiling of TISA 8 on *warlock* have been resolved.

There is a StorNext upgrade scheduled for July 7th; StorNext will be unavailable much of that day.

Disk space is at 92%.

SCF

No SCF report available on the Web.

SGI is onsite working on *lanina*.

The SAN access problem is being researched.

Plan to start moving directorate Web servers to ASDC on July 10th; this is expected to be completed by July 14th with 15 minutes expected to be the maximum downtime seen by users – worse case, 4-5 hours.

There was some discussion on why Instrument can't run jobs more quickly at the SCF; seems to be a combination of SGI I/O problems with the SAN and lack of Ada compiler for the Mac cluster. Ed wants to talk with Denise and Lisa to ensure he has all the requirements.

There are a lot of changes coming – ODIN assuming responsibility for desktops and SCF servers being moved to the ASDC.

SEC

Denise announced that Lisa Link will be assuming the role of SEC Lead as of August 01.

From notes for meeting on 06/11/2008 –

A meeting was held after the May 21, 2008, DMTM to discuss /QA. It was determined that a disk will be needed for non-archived Web files. Archived files can be ordered by push subscription or will be on cache in front of the archive and accessible by daacget.

Keep in notes as reminder. Presumably a disk will be available from the ones being ordered for ANGe.

CM

No SCCRs to be reviewed

GGEO (SCCR 675) is on schedule for June 27 delivery.

TISA Averaging (SCCR 650) delivery is going to slip from July 11 to mid-August.

GGEO (SCCR 653) final coefficient delivery is going to slip from July 25 to late-August.

The ERBE-like delivery to process on *magneto* is going to slip from August to September.

In 6 months, all subsystems but Instrument will need to be off of *warlock*; Lisa is coordinating. Subsystems – please don't wait until the last minute on this.

SUBSYSTEM STATUS:

Instrument

Instrument's inability to run jobs more quickly was discussed. Seems the solutions are to "fix" the slowed I/O between the SGIs and the SAN or replace the Ada compiler on the cluster.

ERBE-like

Dale is looking at TSR (Total channel Spectral Responses).

Shortwave for the Alpha approach looks pretty good. He is now starting to work on the total channel.

Clouds

Sunny is working on converting the Edition2 code.

Convolution

Processed 2 months of G5 (MOA) data on the SCF

Erika asked about the FLASHflux item in the subsystem status report – Walt said that someone didn't convert latitude to colatitude (or vice versa), so it appeared that the satellite was going in the wrong direction.

There was some discussion about the arrival of the new snow data. Remember to update pre-processors as the 1/16 mesh snow depth data will be in meters, not inches.

Inversion

Doing HDF testing.

Regarding the review of changes necessary to convert the Edition2 code to run on the cluster, Victor estimates it will take from 2 weeks to 1 month of uninterrupted time to complete the conversion.

SARB

Got past TK15 issues.

Ran 2 months of G5 data.

TISA Gridding

GGEO is a little faster on *magneto* than *warlock*.

Storage systems on *magneto* and *warlock* are independent, so ASDC has to stage files to *magneto* (separately/independently). Downstream, both systems are planned to see the same space.

SS9 – 10-15% less time on *magneto* than on *warlock*.

TISA Averaging

Be careful using the term Edition3-like. Especially in SCCRs, if it's Edition2, call it Edition2.

In regard to SS8 comment in status report, "Re-deliver code with the change in reading inputs and write outputs", this has successfully been through CM testing but has not yet been released to ASDC.

Agenda:

ASDC Status

SI&T

Interfaces

Operations
User Services

SCF Status

SEC Activities

DM System Issues and Status

Processing Priorities

CM

Instrument Special Operations

Subsystem Reports

Other