06/11/2008 CERES Data Management Team Meeting

Upcoming Events:

June 10-12, 2008 – NPP O&S, IDPS, and C3S Face to Face meetings, Aurora, CO – Less than five DMT people going now; telecon options exist if anyone is interested.

Notes from the previous meeting (05/28/2008)

ANNOUNCEMENTS

Walt Miller will be leading the next DMTM.

Nothing to report from the Science Team meeting though Walt mentioned that Norm did not seem to be happy with production progress.

Science is still assessing G5-CERES data; there's one more improvement that needs to be made; Norm Loeb requested two more months of data for evaluation.

ASDC

The archive silo's robotic arm broke, part not in yet, archive filesystem still up but if files are only on tape then they are not retrievable.

X86 test platform (*asdcsm1*) – Compilers not here yet, expecting Intel Fortran and C this week, unknown when Ada compiler will arrive. This test platform consists of one system with eight CPUs and 16G of memory, GPFS is attached to it. Instrument and Convolution to test on this machine.

IDL – ssh to data1 to access IDL, data1 is little endian, blades are big endian. Cathy and Tom successfully ran on data1.

Completed Edition2F SARB and TISA Gridding.

Most production is being run on *magneto*.

Less than 80% of disk space is full.

Subsystem 7.1 runs three times faster in production on *magneto* than *warlock*. Subsystem 7.2 - shouldn't run 90 jobs at a time in production, currently running 45.

Clouds (SCCR 658) will be promoted either today or tomorrow.

Snow/Ice mesh question – where do we stand on mesh data? On Lisa C.'s to-do list.

StoraNext not upgraded yet because Raytheon found a bug, no date on when upgrade will be available.

Users are all fine, no outstanding user questions.

Most IMS missing files are taken care of still need information from Dale concerning ES-4, ES-8, and ES-9, all other datasets are up to date.

Forgot to inquire about Collection 6 MODIS.

SCF
No representation.

SEC
Meeting to discuss /QA after today's DMTM.

PROCESSING STRATEGY
PRs coming out for review for new ISCCP-like Beta1 and Instrument ValR10.

Will need new PRs for two months of G5-CERES that Norm wants.

Need all Aqua Instantaneous files done by Fall for Aqua end-of-mission report.

PRs 8B-08 and 7B-08 completed.

Equally high priority:
Edition2 SYN, AVG, ZAVG for first year of Terra and Aqua data
All instantaneous products through May 2007

These are followed by (in no particular order):
All instantaneous products through the end of 2007
Edition2 SYN/AVG/ZAVG through October 2005
Extending Edition2 GGEO and SRBAVG beyond October 2005

CM
Tammy will update SCCR 675 to move the last item under Science Changes to Non-Science Changes.

Reviewed Instantaneous SARB SCCR 674and GGEO SCCR 675.

SUBSYSTEM STATUS:
Instrument
The Instrument delivery (SCCR 610) is at the ASDC.

CER1.1P7 (Ada) and CER1.1P8 (C++) will be delivered for NCT3.

ERBE-like
Converted off-line validation code to run on *magneto*.

Clouds
Working on A-Train, finished enhanced algorithms.

Two code conversion options – convert Edition2 code that's at the ASDC or convert Edition3; Edition2 will probably be extended so convert probably convert Edition2 (Erika's guess); starting Edition2 conversion.

Convolution
Working on A-Train.

No feedback on NPP Working Agreement.

Inversion
Pulling data for Science.

Working with Scott to get code to compile on local machine.

Expect to deliver updated Inversion code to CM tomorrow.

SARB
Converting Edition2 PGEs for *magneto*.

Adding G5 capability to Edition2 MOA code.

TISA Averaging
Fixed memory leak in Subsystem 8, will redeliver to CM in next couple of days.

TSI DPC section done and being reviewed.

Susbystem 10 – might go with two PGEs instead of three since IDL now works on *magneto*.

TISA Gridding and GGEO
Working on upcoming deliveries.

<u>Agenda</u>:
ASDC Status
    SI&T
     Interfaces
     Operations
     User Services

SCF Status

DM System Issues and Status
    Processing Priorities
    CM
    Instrument Special Operations
    Subsystem Reports

Other