

6/10/2009 CERES Data Management Team Meeting

Upcoming Events:

Class – Fundamentals of Atmospheric Radiation to be held June 2 & 3; check with Susan Thomas if interested

Notes from the previous meeting

(Held 5/27/2009 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 new 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:

Synoptic SARB Edition2B finished through 9/04

Should be finished with IGBP requests by Friday

Disk space 89% on *warlock* and *magneto*

SIT:

Clouds (SCCR 693) – on hold; waiting for CERESlib delivery; CERESlib has been delivered to CM and is expected to be released to the ASDC tomorrow; Clouds will be recompiled and retested with new CERESlib

Not clear if the updates to the Data Quality Summary for IGBP have been made yet.

From the previous meeting - There's been some discussion about moving *lanina* to ASDC to help with some performance issues; might move it the week of the STM. *Today's update* – No one available to report on this issue.

IBM – ORR held May 13; approved for use.

spg10 – *thunder* alias works for some but not for others.

Denise thinks the TK issue on *asdcsm1* has been resolved.

Sunny reports that the freezing on *spg10* doesn't last as long now; depends on who else is working. Denise reports that her three hour job was still running after three days.

The new IBM system became available for testing on May 18.

Chris met with the DMT and SIT Team on May 19 to discuss the new directory structure on the IBM system.

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.

PRs

With the delivery of the gains and spectral response function files some things should start moving along.

PRs 12-09 and 13-09 should be moved to Standing Requests.

PRs 29-09 and 38-09 are waiting for recompilation due to CERESlib delivery.

CM

Updating SPD with the SIT Team.

Discussed updates to the Delivery Schedule.

Discussed the following SCCRs: GGEO 653, Clouds 711, CERESlib 712, and Regrid MOA 713.

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.

Will be including the schedule for DPC updates starting with the next status report.

SEC

Trying to set up a meeting for early June.

Toolkit

No updates.

SUBSYSTEM STATUS:

Instrument

Delivered Edition2 gains.

ERBE-like

Created candidate Terra Total channel spectral responses with different levels of degradation – no complaints yet.

Clouds

There was an Edition3 meeting two weeks ago to discuss what should be in Edition3 and Edition4; meet again in a few weeks; Minnis to include Loeb, Charlock, etc.

HDF5 vs. NetCDF – NetCDF can read HDF5; provide Erika an answer for the next time she's asked about why we would use one over the other.

Rita asked for newer version of NetCDF on spg10 via a ticket, but received no response. Send more detailed help ticket; if no response, send ticket directly to Caroline.

Convolution

Testing on *AMI*; getting some slightly different outputs; running faster than *magneto*.

SGE has been challenging.

P4 executable won't run on P6.

Issues with Perl.

SARB

Working on MATCH PGE.

TISA Averaging

Churngwei and Cathy met with Dave about converting to NetCDF for Edition3.

Cathy and Dave talked to Paul Stackhouse about adding monthly.

Preparing for Edition2E delivery.

TISA Gridding

Still evaluating Valr10 FSWs and SFCs.

GGEO

Working on upcoming delivery.

CERESlib

Sent email to Caroline and Christian about Perl.

Meeting ended at 11:35 a.m.