

# **05/28/2008 CERES Data Management Team Meeting**

## **Upcoming Events:**

June 10-12, 2008 – NPP O&S, IDPS, and C3S Face to Face meetings, Aurora, CO – Five DMT people going; talk to Erika if you have questions.

## **Notes from the previous meeting (04/30/2008)**

### **ANNOUNCEMENTS**

May 6 - 8 – CERES Science Team meeting.

May 14 & 21 – NPP-FM5 DMT meeting.

Science assessment of G5-CERES data meeting 4/30/08 from 1:00 – 3:00 p.m. – purpose is to make a go/no go decision on G5 from GMAO. Science is still assessing G5-CERES data; probably will go with it.

### **ASDC**

Lisa L. provided a status report yesterday (4/29).

Erika will ask Lisa L. why PMOA DAO-GEOS4 is complete through 11/07 and not 12/07.

Snow/Ice mesh question – Erika will ask Lisa C.

SIT is working on TISA Gridding delivery and updated TISA Averaging delivery.

80% of disk space is full.

Last week's maintenance downtime went well. Planning upgrade of StorNext on May 20 – 21.

An SEC meeting to discuss /QA needs to be scheduled since neither Sue nor Lisa L. are available today. ASDC needs to know what needs to go in /QA. Resolution needed by end of May – early June.

ASDC System Engineer Joe Howell attended today's DMTM.

Are *mag501* and *mag503* enough in the indefinite future? Currently have two processors on each machine, at any given time any of the other 56 nodes can be designated as test nodes. If both machines are slow go to another machine. Chris H. said he will just allocate two more machines as test nodes.

No problems with daacget/daacfs.

Ada compiler will be procured for *asdcsm1*, which will also need to have the Toolkit and CERESlib installed.

Lindsay sent Erika information regarding which files were missing from IMS; contact Lindsay if you want this information; 6,100 Terra ES-8 files didn't go to the public; Lindsay is forwarding information about visibility of products to Lisa C. for clarification.

## **SCF**

No SCF report.

Maintenance scheduled for May 9 for *insanity*; hopefully it will be back up by Monday morning.

Scott is trying to implement a four line code change from Kam Pui to fix metadata problem in the Toolkit; struggling to rebuild Toolkit; will let folks know when to test "corrected" Toolkit; problem existed in TK14 for ??? endian and for big and little endian in TK15.

All Toolkit problems are related to HDF (metadata and compression) except cereslib.a and data\_products.a, which are out of date on *manila*. Scott can fix this.

*nagacity* and *corregidor* rebooted this week; no other cluster problems.

Cathy reported that TISA Averaging code that runs in 1.5 days on *warlock* runs in 5 days on *mag501*.

Sunny reported that *lanina* seems fine until running job; job runs for about 5 minutes before disappearing from "top" command and output file creation stops. Sunny sent a help ticket; works fine on *thunder* and *lightning*; Denise and Ashley had similar problem that Frank fixed.

Forgot to inquire at 4/30 meeting, what's the latest on Ben's proposed plan to correct problems related to users having trouble copying files to *cirrus*?

## **SEC**

Nothing reported.

## **PROCESSING STRATEGY**

Nothing reported.

## **CM**

Sue asked for a discussion about "meta" in updated File Management Policy. CERES will keep our documents up-to-date even for disabled PGEs; up to ASDC to decide if/when to update scripts.

Reviewed updated Instrument SCCR 610, updated TISA Gridding SCCR 672, and recently submitted Clouds SCCR 673.

Still need date for SARB MATCH file delivery.

Tammy will update Inversion SCCR 666 to add a reference to Release 5.

## **SUBSYSTEM STATUS:**

### **Instrument**

Mohammed will represent the Instrument Subsystem in the future at this meeting.

Ashley is taking down issues for TK; let him know how testing goes after Scott updates the TK.

Updated the Excel version of the Operator's Manual.

### **ERBE-like**

Created Alpha3 for Science Team meeting – it's a step towards Edition3 gains/SRFs.

Four weeks ago something showed up when checking QC reports – haven't looked into it yet.

### **Clouds**

Running offline at SCF for Science Team meeting.

Sunny will give talk at Science Team meeting about enhanced A-Train algorithm.

### **Inversion**

Trying to figure out why Raja's code works with TK15 and Victor's doesn't – HDF compare core dumps.

### **SARB**

HDF compare bus error when testing TK15.

### **TISA Averaging**

HDF comparison problems with TK15.

Cathy should contact Chris H. or maybe Tonya to find out how to run IDL from *mag501*.

### **TISA Gridding and GGEO**

Raja provided some HDF compression code to Victor, Victor will give it to Tom.

## **Agenda:**

### **ASDC Status**

- SI&T
- Interfaces
- Operations
- User Services

### **SCF Status**

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## **DM System Issues and Status**

Processing Priorities

CM

Instrument Special Operations

Subsystem Reports

## **Other**