

## **2/22/06 CERES Data Management Team Meeting**

### **Agenda and Notes from last (2/8/06) Meeting**

#### **Upcoming Events:**

Spring CERES Science Team Meeting in Williamsburg, May 2-4, 2006  
Fall'06 CERES Science Team Meeting at GISS (NYC), early Nov'06 ?

#### **Priorities:**

Near-term Processing:

- Terra Beta6 SRBAVG for 3/03 – 12/04
- Edition1-CV/Ed1-NoSW-CV BDS/ERBELike
- Aqua Edition2A SSF/SFC/SRBAVG
- Aqua Edition2A CRS/FSW

Long-term Processing: Terra and Aqua Edition2 AVG

Data Management

- Code Conversion
  - Delivery process to IBM cluster
  - Mainstream SARB conversion
  - Synoptic SARB
- SCF
  - Zamboanga cluster configuration and testing
  - ceresarchive movement to new platform

#### **Notes from last meeting:**

ASDC available disk space is steadily decreasing. SSFs are a big disk hog. Erika sent message to all SSF users requesting that they state which SSFs they need on /DAAC at this time. Sue clarified that any files not needed within the next month should be removed. She stated that staging is big pain, but something has to be done to free up space. Sue contacted Denise yesterday and Denise already gave her files to remove.

Danny reported that SA's are automating way to survey disks. It will take time to implement a storage policy to provide groups the storage they need and get the storage-czar thing going.

The following topic wasn't discussed at this meeting, but we need to revisit it at some point. ASDC had to rerun 10 months of Terra ValR8 SRBAVG when TISA discovered that GGEOw input files were not used the first time around. Need ideas of how to ensure GGEOw files are staged and available at runtime so mistake of running without them doesn't get made again.

The FM3 SRF mismatches between regression file and theoretical unfiltered radiances, which were reported at the last meeting were due to a cut-and-paste error.

ASDC is setting up to ingest the OMI product that MOA will use in place of EPToms. SARB is investigating holes on one day. There's a discussion on whether climatology should be used when OMI hole is discovered. Hierarchy is as follows, use SMOBA if available; if not, use OMI; if OMI has hole use climatology. Need to communicate this information to FLASHflux.

Chris Harris reported on Blade center activity. Still working on testing archive utilities and IDL solution on warlock. Work is getting done as part of SSI&T of SARB delivery. When SARB code gets promoted, by definition, the above 2 activities will also be complete.

Danny reported on /QA cleanup script status. John has secured exclusion directory patterns and file patterns. Once final, the SAs will implement the script. Should be complete within 2 weeks and running by next DMT mtg.

The S4P activity will receive its own section in the SCF status report next time around. Robert Knapp has talked to Scott Zentz and will be calling Jeff Walter as part of his activity to roadmap the needed support activities.

Plan is to drop support of older versions of IDL and support only 6.1. An announcement will be made when it's time for subsystem leads to respond. Rob Knapp will probably be the contact for this activity.

Need to add to schedule a MOA delivery to handle OMI or whatever SARB wants to put in as SMOBA backup. If includes climatology, full delivery, otherwise only delta delivery. Tentatively scheduled for Spr'06.

Instrument's ground calibration files will be going to ASDC for archive. Not yet clear in what format they'll be in. Ingest form has been filled out and ASDC is ready once Denise decides.

Jim Donaldson is working on getting Ada compiler running on G5 and may also convert Instrument subsystem (in Ada) to run on G5. Denise will be interface for this activity.

Sunny's AMS talk was well received. Need to determine if FLASHflux produces CloudVis.

Norman wants 9TB of subsets on SCF. Henry is to manually remove old versions, but it's a long process. Sandy still working on details of what can be removed and when before the new version gets added.

Tonya requested a script change from SARB.

**Items to be discussed this meeting:**

- ASDC system (including cluster) and operation status
- User Services status
- Interfaces
- SCF status to include S4P
- Processing plans
- Subsystem Updates
- Beta/Edition3 updates
- Updates on any CERES related proposals or projects (A-train NEWS, FLASHflux, etc.)
- Revisit /QA discussion in March/April 2006

**Date and location of DMT mtg:**

2/22/06 meeting at 10:00 AM in ASDC's 2<sup>nd</sup> floor conference room (2316)

3/8/06 meeting at 10:00 AM in room 2316

(DMT meetings through June 28<sup>th</sup> are currently scheduled for room 2316.)