07/25/2007 CERES Data Management Team Meeting

Upcoming Events:

Nov 11-14, 2007: Fall CERES **Science Team Meeting** in Victoria, BC, Canada

Notes from the previous meeting (07/11/2007)

Other Topics to Cover:

Lisa C. reported that an e-mail detailing two possible **Little/Big Endian** plans was sent out to a large group.

ASDC:

SIT has a question for Victor regarding the Inversion delivery (SCCR 659).

On Thursday, July 12th, starting at 8:30, all servers will be down for UPS maintenance. Maintenance is expected to last 6-8 hours.

Archive is still experiencing reasonable performance.

LaTIS database is transitioning from Informix to PostgresSQL. July 25th is the conversion target data. Some folks will be asked to test prior to that date, and they be sent the necessary information.

PostgresSQL transition will also affect the ordering tools. EDG (EOS Data Gateway) will not work for newly processed metadata. (All the older data will still be visible via EDG.) EDG, however, is expected to be replaced with WIST (Warehouse Inventory Search Tool) in the Spring'08 timeframe. The ANGe transition is also expected to be complete, for CERES, in the Spring'08 timeframe. Therefore, WIST should be able to see everything. WIST looks much like EDG.

SCF:

The backup servers for 1 Enterprise Parkway are expected to be implemented for all users in the July/August 2007 timeframe.

Scott upgraded SGE to v6.1, and, as of Wednesday, July 4, all problems have been resolved. However, at this time the cluster headnode, zamboanga, doesn't work at all! It's thought to be a hardware issue, and there is no current projection as to when it might be back up. While zamboanga is down, the /common mount will be affected. There are also problems with davaocity, the domain server on which the master Mac authentication files reside. Users who have changed passwords very recently may experience problems. No downtime is expected when rebuilding davaocity.

Whether we scored Moderate or High risk on the recent system audit is still unclear. However, Ed stated that there is no reason for the operations between ASDC and the SCF to change based on the audit.

The next toolkit version is expected to be 5.2.15.

SEC:

Until the problems with magneto are resolved, the instructions for delivering code to magneto are subject to change. Toolkits for mag502 and 503 are complete and these machines are ready for CERESlib builds.

Some subsystems may already have F90 Sample Read Packages or major portions thereof. It might be nice if those files could be distributed to interested users with their orders. This is a low priority issue. Subsystems which don't have F90 related sample read package files are not expected to produce them.

Although ASDC requested that "Exit Code XXX" appear in the output, the key word is actually just "Exit." Subsystems using "Exit Status XXX" are fine. A list of subsystems or PGEs which need to make changes in their next delivery to comply with this request will be generated by ASDC.

SUBSYSTEM STATUS:

CM – Based on conversation with Dave Doelling, GGEO delivery scheduled for August may become a relatively low priority for him and , therefore, encounter substantial delays.

Instrument – Delivery of code to generate TRMM-simulated IES files is expected within a month!

ERBE-like – Peter and Dale are working on learning Grant's validation codes.

Clouds – Sunny is running a month of data for NEWS.

Convolution – Prior to processing Beta1-Ed3, parameter SSF-60b will be changed from *750 mb minus surface air potential temperature difference* to *Estimated Inversion Strength.* After Beta1-Ed3, there will be an open season for modifying the Edition3 SSF format. At that time, *750 mb minus surface air potential temperature difference* will be added to the SSF.

Inversion – Changes made to Inversion subsetting code to handle new S'COOL file region filenames and loaction will be sent to FLASHFlux's Anne Edwards. Victor is aware of the changes to upper ozone limit which SOFA group recently included for FLASHFlux processing.

SARB – Synoptic SARB Beta4 processing is the highest priority for the SARB group. ValR10 outputs look okay to Fred.

TISA Averaging – TSI code may be delivered to warlock and cluster for Beta4 processing. Dave Doelling is still working on improving the SRBAVG daily average fluxes.

TISA Gridding – Raja is on vacation this week.

Agenda:

ASDC Status

SI&T
Interfaces
Operations
User Services

SCF Status

SEC activities

Big/little Endian update

DM System Issues and Status

Processing Priorities

Schedule
SCCRs
Instrument Special operations
Subsystem Reports

Other ??