

CERES Data Management Team Minutes for 10/06/2004

• Schedule:

November, 2004 Earliest date for move back into B1250 (rumor stage only)
11/02-04/2004 CERES Science Team Meeting, Williamsburg, VA
11/05-12/2004 Data management Stand-down: SCF Upgrades to IRIX 6.5.25m and MIPSpro 7.4 and storage review
Refer to the attached minutes of the planning meeting and the presentation on the upgrade.
11/16/2004 ASDC Upgrades to IRIX 6.5.25m and MIPSpro 7.4

Ongoing Activities:

- Preparations for IRIX upgrade
- Preparations for thunder/lightning/LaNina file system cleanup

Priority Items:

- Critical:
 - 3 years Terra Edition 2B SSF/SFC/SRBAVG (march 00 thru feb 03)
 - 1 year Terra Edition 2B CRS/FSW (crosstrack)
 - 1 year Aqua Edition 1A SSF/SFC
 - BDS/ERBE-Like Edition 1&2 Terra & Aqua as inputs available
- Important:
 - 5 month Terra Beta SYN/AVG/ZAVG
 - 9 month TRMM Beta SYN/AVG/ZAVG
 - additional 6 months (through 12/03) of Aqua Edition 1A SSF
 - Additional 2 years of Terra CRS/FSW (crosstrack)
- SCF
 - Re-architecture of network for security requirements
 - Storage capacity upgrades
 - Equipment reconciliation
 - IRIX Upgrade on SGI 3800
- Data Management Deliveries

Standing Committee Reports

(These notes supplement the reports posted by the various Committee's on the CERES DMT status page.)

Agenda	Committee	Responsibility	Updated	Status/Issues
1.00	ASDC/ECS Interfaces	Hopson/Harris/ Link	10/06/04	A power surge occurred in the ASDC at 8:25am this morning. The powerbackup system failed to pick up resulting in the in a complete hard system shutdown among the computers and storage systems. Systems are currently running on the backup generator and will be until stable normal power can be established. The APGS server experienced a system failure and requires separate maintenance. Subsequent reports indicate that a router in warlock also failed and requires replacement. Some systems are expected to be restored this afternoon. Production staff is attempting to determine at what point the production stream was interrupted so that processing can start at the last reliably saved data. Inversion is ready for promotion when the systems are restored.
2.00	SCF	Flippo	10/06/04	ceresarchive has experienced problems in transferring 500GB files. Testing is ongoing and resolution is expected before the next DMT. The ceres-tb machine will be moved behind the ASD firewall for testing purposes. Discussions with the Science Working Group leads have begun regarding a DM stand down in November, 2004.
3.00	Toolkit	Flippo	10/06/04	No additional information was provided.
4.00	System Issues			
4.01	Processing Strategy	Geier	10/06/04	Priority for processing of SYN/AVG/ZAVG has been increased to have some data available for review at the Science Team Meeting.
4.02	Systems Engineering	Nolan/Sorlie/	10/06/04	No meeting has occurred since the last DMT meeting. No

	Committee	Hopson/ Ayers/Cooper		actions are outstanding.
4.03	Configuration Management & SCCR/DCCR Review	Ayers / Saunders	10/06/04	No additional information was provided.
	Working Group Status			(See posted Subsystem Status Reports)
5.01	External Interfaces- Instrument	Spence	10/06/04	During October, 2004, the along-track scanning experiment will be repeated with M.Vollier.
5.02	External Interfaces- Data Sources	Link	10/06/04	No problems with data receipt have occurred. All data will be held at GSFC until ASDC Ingest systems are restored.
5.03	External Interfaces- Customers	Kizer	10/06/04	A test of ERBE data transfer to the ASDC has been completed satisfactorily.
5.04	Simulator	Chapman	10/06/04	J.Chapman has moved to a new branch in the Systems Engineering Directorate as a result of the Center Re-organization. He will be available for consultation as required.
5.05	Visualization/ Validation Tools	Lee	01/15/03	No additional information has been provided.
5.06	Instrument (SS 1)	Cooper/ Hess/Spence/ Szewczyk/Filer	10/06/04	Instrument Gains have been delivered.
5.07	ERBE-like (SS 2, SS3)	Robbins Walikainen/	10/06/04	The Spectral Response Functions have been delivered.
5.08	Clouds (SS 4.1, 4.2, 4.3)	Sun-Mack	10/06/04	No additional information was provided.
5.09	Clouds (SS 4.4)	Miller	10/06/04	No additional information was provided.
5.10	Inversion (SS 4.5, 4.6)	Nolan	10/06/04	No additional information was provided.
5.11	SARB (SS 5.0, 7.2, 12.0)	Coleman	10/06/04	No additional information was provided.
5.12	TISA -(SS 6.0, 9.0) Gridding	Raju	10/06/04	No additional information was provided.
5.13	TISA -(SS 11.0) GGEO	Stassi	10/06/04	No additional information was provided.

5.14	TISA -(SS10.0, 8.0) Averaging	Nguyen	10/06/04	A problem has been discovered in averaging and a re-delivery will be required. This will preclude the availability of any SRBAVG data at the Science Team Meeting.
5.15	CERESlib	Stassi	10/06/04	No additional information was provided.