

CERES Data Management Team Minutes for 08/11/2004

• Schedule:

08/30/2004	IOC replacement ceresarchive (hardware arrives on 6/10/04)
Fall, 2004	Earliest date for move back into B1250 (rumor stage only)
09/27-29/2004	AIAA Space Conference (San Diego, CA)
10/18-19/2004	Earth Science Data System Working Group Meeting (GSFC)
Nov, 2004	CERES Science Team Meeting, Williamsburg, VA
11/17-19/2004	Data management Stand-down: SCF Upgrades to IRIX 6.5.22m and MIPSpro 7.4 and storage review
11/17/2004	ASDC Upgrades to IRIX 6.5.22m and MIPSpro 7.4

Ongoing Activities:

- ceresarchive replacement is in progress with IOC on or about 08/30/04
- ERBE reprocessing has been completed with analysis of the results continuing
 - Delivery to ASDC for public release in about 60 days (~200GB data)
- IT equipment reconciliation and elimination (To be complete by 08/30/04)
- Agency re-focusing on Exploration in progress
 - Center re-organization in progress to match
 - Center will move 2400 personnel during Sep/Oct/Nov 2004
- Re-engineering of AtmSci network connections to support security requirements (ETA 08/30/04)
- SAIC onsite personnel moving offsite (to be completed by 09/30/04)

Priority Items:

- Processing Needs Prioritization
 - TBD any changes from E.Geier's last update
- SCF
 - Re-architecture of network for security requirements
 - Storage capacity upgrades
 - Equipment reconciliation
- Data Management Deliveries
 - TBD any changes from E.Geier's last update

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	08/11/04	Plans for update to IRIX 6.5.22m have been updated. The archive will be moved to a new ORIGIN350, which was acquired for Flashflux and the Flashflux processing will be performed on the same number of processors on warlock. The new system will run the highest version of IRIX which is certified for AMASS and permit the archive to be operated independent of the LaTIS computational platform. A delta delivery of inversion was submitted. The IBM linux cluster hardware has been delivered.
2.00	SCF	Flippo	08/11/04	No additional information was provided.
3.00	Toolkit	Flippo	08/11/04	No additional information was provided.
4.00	System Issues			
4.01	Processing Strategy	Geier	08/11/04	No additional data was provided.
4.02	Systems Engineering Committee	Nolan/Sorlie/ Hopson/ Ayers/Cooper	08/11/04	No meeting was held since the last DMT.
4.03	Configuration Management & SCCR/DCCR Review	Ayers / Saunders	08/11/04	SCCR's still need to have the parameter impact statements. The delivery schedule was reviewed; updates are requested to be e-mail to t.o.ayers@larc.nasa.gov.
	Working Group Status			(See posted Subsystem Status Reports)
5.01	External Interfaces- Instrument	Spence	08/11/04	A scan of desert areas will be performed. Along-track scanning will be performed to support M.Vollier on 08/16/04. On 08/26/04, the ADRIACS experiment will use the RAPS mode for two days.
5.02	External Interfaces-	Link	08/11/04	No problems with data receipt are being experienced.

	Data Sources			
5.03	External Interfaces- Customers	Kizer	08/11/04	The web site for CERES has been re-designed and comments are requested. Further discussion of the data pool feature of the ASDC is warranted.
5.04	Simulator	Chapman	04/09/03	No additional information was provided.
5.05	Visualization/ Validation Tools	Lee	01/15/03	No additional information was provided.
5.06	Instrument (SS 1)	Cooper/ Hess/Spence/ Szewczyk/Filer	08/11/04	Additional work is being performed to provide a comparison with the Earthshine data.
5.07	ERBE-like (SS 2, SS3)	Robbins Walikainen/	08/11/04	The highest priority is resolving the plotting anomalies discovered by T.Wang.
5.08	Clouds (SS 4.1, 4.2, 4.3)	Sun-Mack	08/11/04	Highest priority is being applied to revising the Clouds web page and the flight tracking work.
5.09	Clouds (SS 4.4)	Miller	08/11/04	The highest priority work is the CERES Broadband comparison to MODIS narrowband to support analysis of the Earthshine results.
5.10	Inversion (SS 4.5, 4.6)	Nolan	08/11/04	An additional 1.5TB is needed for MISR data.
5.11	SARB (SS 5.0, 7.2, 12.0)	Coleman	08/11/04	Modifications to the codes to permit their use in Flashflux for P.Stackhouse are the highest priorities. A delivery is expected by the end of the week.
5.12	TISA -(SS 6.0, 9.0) Gridding	Raju	08/11/04	No additional information was provided.
5.13	TISA - (SS 11.0) GGEO	Stassi	08/11/04	A delivery is planned for next week to correct the GOES 9 and GOES 12 data formats; however, this might slip. The SGI compiler bug may not be corrected in time for implementation during the November IRIX upgrade.
5.14	TISA -(SS10.0, 8.0) Averaging	Nguyen	08/11/04	No additional information was provided.
5.15	CERESlib	Stassi	08/11/04	No additional information was provided.