

CERES Data Management Team Minutes for 05/19/2004

• Schedule:

06/30/2004 IOC replacement ceresarchive (hardware arrives on 6/10/04)
Fall, 2004 Earliest date for move back into B1250 (rumor stage only)

Ongoing Activities:

- NPOESS Processing Trade Study will be collecting data and reviewing PGE's
 - Review of Configuration Management and Coding Guides for need to update
- QC File Server is being installed in B1250 on the back end network to permit storage of QC files
- ceresarchive replacement is in progress with hardware arriving 5/28/04
- ERBE reprocessing continues with algorithm fixes still being applied to correct altitude

Priority Items:

- Development and Processing Priorities are based on Program commitments in FY2004
 - Near Term Data Products Goals:
 - Terra Edition2 BDS/ERBELike (7/03 – 12/03)
 - Terra Edition2A SSF and SFC (3/00 – 12/03)
 - Edition 2A GGEO (3/00 – 2/03)
 - Terra Edition2A SRBAVG (3/00 – 2/03)
 - Long term goals (before 10/01/04 – in time for Fall Science Team Meeting):
 - TRMM Beta 3 TSI, Synoptic SARB, and SYN/AVG/ZAVG (1/98 – 8/98, 3/00)
 - Terra Beta2 TSI, Synoptic SARB, and SYN/AVG/ZAVG (4 seasonal month + 3/00)
 - Edition2A GGEO (3/03 – 6/03)
 - Aqua Edition1A SSF and SFC (1 year)
 - Aqua Edition1A SRBAVG (1 year)
 - Aqua Beta1 CRS and FSW (1 year)
 - Additional production runs for this summer/fall:
 - Edition2A GGEO (7/03 – 12/03)
 - Terra Edition2B SSF, SFC, and SRBAVG (2/00 – 12/03)
 - Terra Edition2B CRS and FSW (2/00 – 12/03)
- Re-engineering of AtmSci network architecture to support security requirements

- **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	05/05/04	The replacement of data corrupted by the router at GSFC is in progress. Working backward from the current delivery, Terra checks have been completed through July; tagging through August is almost complete. Preparations for conversion to 6.5.22m will be complete within a month. Inversion and Instrument have been promoted. Implementation of APGS for Clouds will be complete in July. The Origin 350 for the archive has been received; the IBM 970 cluster is expected to arrive on 06/18/04.
2.00	SCF	Flippo	05/05/04	The QA Server needs 10.3.0 to be updated; there is a problem with the firewire interface. NAT has been installed on LaNina to permit computers on the backend network to perform OS upgrades. No reboot will be required.
3.00	Toolkit	Flippo	05/05/04	Mac OS X conversion of the toolkit has been accomplished using version 5.2.11 of the toolkit.
4.00	System Issues			
4.01	Processing Strategy	Geier	05/05/04	No additional information was provided.
4.02	Systems Engineering Committee	Nolan/Sorlie/ Hopson/ Ayers/Cooper	05/05/04	The IES will be the first data product to be delivered in HDF-5 format, probably in Edition 3. The new version of the toolkit supports HDF-5.
4.03	Configuration Management & SCCR/DCCR Review	Ayers / Saunders	05/05/04	SCCR's still need to have the parameter impact statements. SCCR 527 provides a flag to specify which type of flux.
	Working Group Status			(See posted Subsystem Status Reports)

5.01	External Interfaces- Instrument	Spence	05/05/04	During June, 2004, GERB inter-calibration with Terra and Aqua will be performed. Problems have occurred using SAISUN01 web server.
5.02	External Interfaces- Data Sources	Link	05/05/04	DAO continues have production problems. Data has not been received since March, 2004.
5.03	External Interfaces- Customers	Kizer	05/05/04	GERB usage of CERES data has increased.
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	05/05/04	Testing for the IRIX upgrade is complete. ValR3 and ValR4 have been reviewed and are satisfactory.
5.07	ERBE-like (SS 2, SS3)	Robbins Walikainen/	05/05/04	Testing for the IRIX upgrade is complete.
5.08	Clouds (SS 4.1, 4.2, 4.3)	Sun-Mack	05/05/04	Testing for the IRIX upgrade continues. Terra codes are complete, Aqua will be complete when the delivery is made in June. The 1.6 μ m cloud retrieval provides better cloud retrieval over snow. The effort to match Aqua-MODIS granules with airplane experiments is taking considerable effort.
5.09	Clouds (SS 4.4)	Miller	05/05/04	Testing for the IRIX upgrade is in the same state as 5.08 above.
5.10	Inversion (SS 4.5, 4.6)	Nolan	05/05/04	Testing for the IRIX upgrade is complete.
5.11	SARB (SS 5.0, 7.2, 12.0)	Coleman	05/05/04	Testing for the IRIX upgrade is complete. Priority has been given to adapting to changes made in Terra inversion and Aqua clouds codes.
5.12	TISA- (SS 6.0, 9.0) Gridding	Raju	05/05/04	Testing for the IRIX upgrade is ongoing and will be complete within a week.
5.13	TISA- (SS 11.0)	Stassi	05/05/04	Data for the GOES instrument is in the same format so

	GGEO			changes are required to support the IRIX upgrade. The GGEO processing for 09/00 needs to be held until the GMS-5 data is replaced for that month.
5.14	TISA -(SS10.0, 8.0) Averaging	Nguyen	05/05/04	Testing for the IRIX upgrade is ongoing and will be complete by 05/20/04.
5.15	CERESlib	Stassi	05/05/04	Testing for the IRIX upgrade is ongoing and will be complete by next DMT.