CERES Data Management Team Minutes for 04/21/2004

• **Schedule**:
05/15/2004   IOC replacement ceresarchive (hardware arrives on 4/30/04)

Ongoing Activities:

Priority Items:
- Development and Processing Priorities are based on Program commitments in FY2004
    o Near Term Data Products Needed:
        - Terra Editiion2 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)
    o 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)
    o 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)

• **Announcements**:.
- NPOESS Processing Trade Study will be collecting data and reviewing PGE's
    o Educational sessions to explain subsystem architectures
    o Review of Configuration Management and Coding Guides for need to update
- SGI OS Upgrade Test Platform is available for use (2 processors)
- Will ask SEC to develop a strategy to implement HDF-5

- **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/Sorlie/ Link	03/10/04	An inconsistency developed in the file system shared between Samantha and warlock, resulting in some lost files. Scripts were replaced and the set of systems involved restarted to synchronize file systems. The QC file system remains unavailable. M.Little is assigned the action to resolve this by next DMT.
2.00	**SCF**	Flippo	03/10/04	.Testing of ceresarchive management software is almost complete. Another user will beta test the software for user suitability and performance. A schedule for testing subsystems on the OS upgrade test platform will be handled informally by H.Flippo.
3.00	**Toolkit**	Flippo	03/10/04	Toolkit installation on the Mac G5 platform has continued to present problems in the F90 version, although the F77 version seems to work fine.
4.00	**System Issues**			
4.01	Processing Strategy	Geier	03/10/04	No additional information was provided.
4.02	Systems Engineering Committee	Nolan/Sorlie/ Hopson/ Ayers/Cooper	03/10/04	The SEC will meet immediately after the DMT meeting. The SEC was asked to evaluate and plan for the eventuality of producing data products in HDF5 format.
4.03	Configuration Management & SCCR/DCCR Review	Ayers/Franklin/ Saunders	03/10/04	No additional information was provided.
	Working Group Status			**(See posted Subsystem Status Reports)**
5.01	**External Interfaces-** Instrument	Spence	03/10/04	No additional activities are planned at this time.
5.02	**External Interfaces-** Data Sources	Sorlie	03/10/04	Recovery from receipt of corrupt files from GSFC continues. Terra MODIS files have been replaced for Jan-

				May 03. Aqua MODIS remains to be checked.
5.03	**External Interfaces-** Customers	Detweiler	03/10/04	Paula Detweiler will be leaving by 05/01/04.
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	03/10/04	Data files to clean up inconsistencies during the shift to and from daylight savings time have been received for Terra. This problem did not occur for Aqua.
5.07	ERBE-like (SS 2, SS3)	Robbins Walikainen/	03/10/04	Work with the Inversion subsystem to resolve 3-channel consistency checks continues. Terra should be resolved by early June, 2004.
5.08	Clouds (SS 4.1, 4.2, 4.3)	Sun-Mack	03/10/04	No additional information was provided.
5.09	Clouds (SS 4.4)	Miller	03/10/04	Aerosol dust has not yet been resolved; testing continues.
5.10	Inversion (SS 4.5, 4.6)	Nolan	03/10/04	CER4.5-6.6P2 will run SSF for 24 hours in one PCF file.
5.11	SARB (SS 5.0, 7.2, 12.0)	Coleman	03/10/04	No additional information was provided.
5.12	**TISA-**(SS 6.0, 9.0) Gridding	Raju	03/10/04	Working with H.Flippo, SAR data will be collected at both the ASDC and the SCF to help determine why code runs faster at the SCF than the ASDC.
5.13	**TISA-** (SS 11.0) GGEO	Stassi	03/10/04	No additional information was provided.
5.14	**TISA-**(SS10.0, 8.0) Averaging	Nguyen	03/10/04	No additional information was provided.
5.15	**CERESlib**	Stassi	03/10/04	No additional information was provided.