

CERES Data Management Team Agenda for 06/18/2003

Schedule:

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|---------------|---|
| 07/07/2003 | Govt Bankcards available for use (if all goes well) |
| 07/30/2003 | ETA SGI3800 arrives at SCF (if all goes well) |
| 08/18/2003 | CERES B1250 personnel move to B1189 (approximately) |
| 09/23-25/2003 | CERES Science Team Meeting highlighting CERES Terra ADM, beta SYN/AVG, Beta Terra SRBAVG, Aqua ERBE-Like, Aqua clouds |
| 09/30/2003 | All CPU's to be assigned to Certified SysAdmin or disconnected from LaRCNet |
| March, 2004 | CERES Science Team Meeting jointly with GERB at NCAR |

Ongoing Activities:

- B1250 Rehab (Planned completion ~03/2005)
- SA Certification (Completion by 09/30/2003)

Priority Items:

- Re-staging of MODIS data at ASDC to support faster processing/re-processing
- Acquisition of additional processing and storage capacity with a second SGI 3800 at the SCF.

• Announcements:

- New WinXP installations are banned due to IT Security considerations
- Second SGI3800 is expected to be operational by 07/31/03

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 | 06/18/03 | Problems continue to appear with ingest due to the conversion to the new SGI3800. At peak, a backlog of 1TB on disk was waiting to be archived, which has been reduced to 600GB. The implementation of password aging has also created problems with accounts that only own automated processes. Aqua Edition1 ERBE-like was run with composite snow instead of real snow. Baseline 1 and Aqua Beta2 FM3 also need re-processing; Edition1 FM4 is correct. |
| 2.00 | SCF | Flippo | 06/18/03 | The leased SGI3800 continues to be held in procurement; resolution is now expected on 06/20/03. Backups continue to be a problem in B1250. |
| 3.00 | Toolkit | Flippo | 06/18/03 | v5.2.9v1 has been installed and is ready for testing. |
| 4.00 | System Issues | | | |
| 4.01 | Processing Strategy | Geier | 06/18/03 | The strategy for determining Terra Edition2 processing work has been established and documented in an e-mail from E.Geier, which is attached to the end of this report. Replacement of the SSF with the correct clear-sky map is in progress; a ValR1 was run to verify the proper results. The incorrect results (01/02-03/02) have been removed from public view and Edition1A is being re-run. Users who have obtained a copy will be notified. |
| 4.02 | Systems Engineering Committee | Nolan/Sorlie/ Hopson/ Ayers/Cooper | 06/18/03 | No meeting was held during this period. |
| 4.03 | Configuration Management | Ayers/Franklin/ Saunders | 06/18/03 | SCCR 446 was originated to support the ADM working group to obtain the same footprint for all SSF subsets. |

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| | & SCCR/DCCR Review | | | SCCR448 was submitted by GGEO to replace 07/00 METEO-7 erroneous coefficients. SCCR449 was submitted to replace clouds library for GGEO compilation. Coordination between J.Stassi and S.Sun-Mack is required. |
| 4.04 | Process Improvement Committee | Stassi | 04/09/03 | J.Stassi to discuss changes in the Test Plan Document format with V.Hopson to reduce re-keying. A demo of the automated delivery memo was performed and feedback incorporated. Subsystems should now be able to run it and provide any feedback to J.Stassi. |
| 5.00 | Working Group Status | | | (See posted Subsystem Status Reports) |
| 5.01 | External Interfaces- Instrument | Spence | 06/18/03 | Inter-calibration between Terra and Aqua instruments is scheduled during the next period. Aqua is scheduled to conduct spacecraft maneuvers today to support a deep space calibration check. Aqua June Attitude and Ephemeris data is bad. |
| 5.01 | External Interfaces- Data Sources | Sorlie | 06/18/03 | May ECMWF data was received and is being processed. Consideration is being given to improved DAO skin temperature data for use instead of ECMWF. |
| 5.01 | External Interfaces- Customers | Detweiler/ Koziana | 06/18/03 | Browse images are being incorporated into the web site. Dr. Wielicki would like them running by end of July, 2003. |
| 5.02 | Simulator | Chapman | 04/09/03 | No additional information was provided. |
| 5.03 | Visualization/ Validation Tools | Lee | 01/15/03 | No additional information was provided. |
| 5.04 | Instrument (SS 1) | Escuadra/Cooper/ Hess/Spence/ Szewczyk/Filer | 06/18/03 | Terra Attitude and Ephemeris data for 05/03 is missing. Spectral Response Functions (SRF) should be available on 06/20/03. Aqua SRF should be static and adequate for Edition1 processing. |
| 5.05 | ERBE-like (SS 2, SS3) | Kizer/ Walikainen/ Robbins | 06/18/03 | No additional information was provided. |
| 5.06 | Clouds (SS 4.1, 4.2, 4.3) | Sun-Mack | 06/18/03 | No additional information was provided. |

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| 5.06 | Clouds (SS 4.4) | Miller | 06/18/03 | MODIS v3 data contained bad flags for 12/13/01 (hrs 14, 15) when the doors were closed. MODIS v4 data has the correct flags. |
| 5.07 | Inversion (SS 4.5, 4.6) | Nolan | 06/18/03 | No additional information was provided. |
| 5.08 | SARB (SS 5.0, 7.2, 12.0) | Coleman | 06/18/03 | 4 days of polar data is being evaluated at the SCF. Synoptic delivery this week appears on track. |
| 5.09 | TISA -(SS 6.0, 9.0) Gridding | Raju | 06/18/03 | R.Raju will return on or about 06/18/03. |
| 5.09 | TISA - (SS 11.0) GGEO | Stassi | 06/18/03 | An emergency re-delivery was made to correct problems identified during testing. McIDAS software is being considered for use to provide more exact navigation corrections. |
| 5.09 | TISA -(SS10.0, 8.0) Averaging | Nguyen | 06/18/03 | No additional information was provided. |
| 5.10 | CERESlib | Stassi | 01/15/03 | No additional information was provided. |

From: Erika.B.Geier@nasa.gov
Date: Thu, 12 Jun 2003 16:41:21 -0400
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w.f.miller@larc.nasa.gov
Subject: 4 days of SSF at SFC
Cc: S.E.SORLIE@larc.nasa.gov, L.G.LINK@larc.nasa.gov

Hello, Ok, here's the best I can do before I head out. Any comments/complaints will be handled by Mike Little. Mike will also be monitoring the schedule.

Processing Dates:
Dec 21, 2000 Dec 31, 2000 June 14, 2001 July 5, 2001

I've requested ASDC stage MODIS data (MOD02, MOD03, MOD04) for these dates.
FM1 (crosstrack instrument) Edition1A SSF and Edition2 IES will also be staged. If you require any thing else, you will need to contact Lisa or Sue.

Here is a stab at a schedule for accomplishing this task:

June 17 - SARB starts processing 4 days of Baseline CRS (using Edition1A SSF as input) this may not be possible quite this early, but computer resources may become a problem if delayed much longer...
June 20 - Cloud code ready to go; SARB finishes Baseline CRS run
June 26 - Clouds finishes processing the last of the 4 days
June 27 - Inversion finishes processing the last of the 4 days
June 30 - SARB finishes processing the last of the 4 days
July 8 - analysis complete
July 9 - Meeting at 9am in room 168

Sunny/Walt, please notify Sandy as each day completes so she can run Inversion.

Sandy, please notify Lisa as each day completes so she can run CRS.

I expect there may be some resource conflicts when everyone starts trying to run those last days. Therefore, if your Science working group lead can start analysis prior to all 4 days finishing, please notify him as each day completes.

If I've forgotten anything, please contact Mike Little.

Thanks,
Erika