# CERES Data Management Team Notes for 04/07/2004

• **Schedule**:
05/15/2004          IOC replacement ceresarchive

**Ongoing Activities:**
- B1250 Rehab  (Planned completion ~03/2005)

**Priority Items:**
- Development and Processing Priorities are based on Program commitments in early FY2004
  - o Preparations for Data Products review at NHQ/Y (February, 2004 – estimated)
  - o Preparations for STM in March, 2004
  - o Data Products Needed
    - 2 years (3/00 - 2/02) of Terra Edition2A SSF (COMPLETE)
    - 2 years (3/00 - 2/02) of Terra Edition2A SRBAVG
    - 4 seasonal months (crosstrack) Edition2A CRS (PROBABLY OK FOR STM)
    - Aqua Edition2 BDS/ERBElike through 8/03 (COMPLETE)
    - 1 month of Aqua Beta2 SSF (COMPLETE)
    - Remaining 8 months of (crosstrack) Edition2A CRS (to complete 2001) (MAY BE STARTED STM)
    - 1 year (3/02 - 2/03) of Terra Edition2A SSF (PARTIAL FOR STM)
    - 1 year (3/02 - 2/03) of Terra Edition2A SRBAVG

• **Announcements**:.
  - o Summary of CERES Science Team Meeting will be given by Erika Geier at 04/07/2004 DMT
  - o NPOESS Processing Trade Study meeting starts Thursday 04/08/2004 through Friday
  - o ERBE re-processing testing is ongoing
  - o Atmospheric Sciences will be moving 40 people offsite over the next year
    - CERES onsite personnel are not changing

- **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 | IBM System is on order. |
| 2.00 | **SCF** | Flippo | 03/10/04 | Octane 2 processor system has been set up to perform OS upgrade testing; toolkit and cereslib installation, along with compilers is ongoing. |
| 3.00 | **Toolkit** | Flippo | 03/10/04 | Toolkit testing on the Mac G5 platform has been temporarily abandoned due to the level of difficulty involved. |
| 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 | A modification to the existing SCCR documentation will ensure that any parameter changes are noted explicitly in the change description. |
| 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 operations are planned. |
| 5.02 | **External Interfaces-** Data Sources | Sorlie | 03/10/04 | The GSFC DAAC reported that a considerable number of files, delivered since August, 2003, have been corrupted by a defective router; randomly, packets have additional payload inserted into the middle of a packet prior to the checksum being generated.  The impact of these corrupt files on processing and on science is being evaluated. Initial indications are that there is a small impact on the scientific results and that these files are not caught by |

| | | | | the current error checking mechanisms due to the nature of the corruption. |
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| 5.03 | **External Interfaces-** Customers | Detweiler | 03/10/04 | Ed Kizer will be taking the position that Jim Koziana had previously filled. |
| 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 | No additional information was provided. |
| 5.07 | ERBE-like (SS 2, SS3) | Robbins Walikainen/ | 03/10/04 | No additional information was provided. |
| 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 | No additional information was provided. |
| 5.10 | Inversion (SS 4.5, 4.6) | Nolan | 03/10/04 | An error has been detected in the way in which 3-channel comparisons has been performed; this results in a systematic rejection of data over Australian and South African deserts. These are being performed differently in Inversion than in ES-8; the comparison process needs to be reconciled so it is performed consistently and minimizes the rejected data. |
| 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 | No additional information was provided. |
| 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 | TSI will need to be re-delivered about 2-4 weeks after SRBAVG to correct an error. |
| 5.15 | **CERESlib** | Stassi | 03/10/04 | No additional information was provided. |