

## May 14, 2008 – NPP FM5 Reports

### CERES RDR Processing

- Work continues on the Level-0, ephemeris and attitude preprocessor. Since we now have the proper NDAs in place and access to eRooms, information on the RDR format along with the ephemeris and attitude data is now available. Binary application packets (AP) are embedded in the HDF files we receive. We have code to read the APs, now we are working on HDF reader. (Alford)
- Began working on the conversion of PGE CER1.1P1-6 to C++. The initial effort will be to convert the common library classes. (Alford, Cooper)
- Work continues on creating a C-version of the CERESlib metadata read/write routines. Several of the F90 routines have been looked at and the C conversion has begun. (Naseer)
- The following slide was created: CERES Earth Radiation PEATE:

Highlights, Tasks, Accomplishments, Challenges, Concerns, Plans

- Need Delta Detailed Design review for SDP Schedule date for SD Segment
  - > Date needed; Langley and SD3E and Land PEATE all to run at same time.
- Peer review Requirements would be nice in the near future.

May 7th

- CERES RDR Q&A Friday, May 9. Follow-up questions from Erika
- Design review proposed date of July 25.
- Working on level 3 requirements. Bob S. to send check list. CERES team to coordinate with Ed Masuoka, Evelyn Ho.

April 23rd

- Schweiss to figure out new term PEATE -- Earth Rad SIPS?
- LaRC waiting for s/w delivery guidelines from land
- Also waiting for sample proxy aerosol data file.
- Need help with CERES RDRS.

April 9th

- Jim Closs w/ Lee Bodin and John Robbins
  - > Preparing for May 4-6 Annul ST meeting
  - > Question to Ed Masuoka to determine of coordination participation for MODSI ST.
  - > Schweiss requests planning preparations for Design Review this summer
- Addressing Gap

(Closs)

### **VIIRS Radiance/Geolocation Subsets**

- We have decided to separate working on “I” resolution and “M” resolution in VIIRS products. Currently working on “I” resolution both subsetting and averaging to “M” resolution. (Chen, Sun-Mack)

### **VIIRS Aerosol Reader**

- No report received.

### **System Engineering/Management Topics**

- Identified script case statements which need to have FM5 added. (Walikainen)
- Reviewing the NPP Configuration Management Procedure and NPP Integrated Independent Review Plan. (Ayers)
- Updated the draft CERES Science and Data Working Agreement several times. (Miller)
- Led walk through of the CERES Science and Data Working Agreement on May 2, 2008. (Miller)
- Investigated various reports and other data sets available from NPP. (Miller)