

## **November 5, 2008 – NPP FM5 Reports**

### **CERES RDR Processing**

- A basic version of the Pre-Processor for ingesting and reformatting the raw instrument data into a format consistent with the Terra and Aqua input data currently ingested by the Instrument Processing Subsystem has been completed. This version reads the data via references, providing a path for old data to be updated. All the necessary level 0, construction records, and QC reports are produced. The code currently reads VIIRS RDRs. Only very minor modifications will be necessary to adapt it to read test CERES RDRs, which are not available at this time. There may also be changes to the basic RDR format before scheduled delivery (one is expected to occur), but it is expected that any such changes will be minor. The only serious open issue for preprocessing the raw data is that the reference frame of the raw attitude and ephemeris data has not been precisely laid out. (Alford)
- Will the preprocessor be delivered anytime soon? If so, to which platform will it be delivered? (Ayers)

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

- Lots of communications between Langley and Goddard regarding the changes made to 5-min granule VIIRS products (VIAE, VMAE, VDAE). Modified Langley VIIRS sub-sampler to accommodate the changes. (Chen,Sun-Mack)

### **VIIRS Aerosol Reader**

- No report received.

### **Toolkit Issues**

- No report received.

### **Telecon/eRoom/Meeting**

- Attended the semi-annual CERES Science Team Meeting at NASA GISS in NYC. A data management issue regarding notification of updated Data Quality Summaries to users was raised, and added as an action item to follow up on. Minutes from the meeting along with all presentations will be posted to the CERES web site within the next few weeks. (Closs)

## **System Engineering/Management Topics**

- Distributed the draft CERES CARS Data Management Requirements document for internal team review. Review is scheduled immediately following the Nov. 5 FM5 DMT meeting. (Closs)
- Provided SDS Testing Engineer Eric Chomko a summary of CERES FM5 data processing flow extracted from CERES dCDR presentation. (Closs)
- Distributed an IDPS Algorithm Documentation Convergence plan to team members. The Plan applies to algorithm documentation convergence with the operational code...specifically EDRs, CDFCBs, and ATBDs. (Closs)
- The signed Stakeholder-Commitment Sheet for the CERES Software Coding Guidelines was scanned, added to the PDF version of the document, and posted on the Web. (Ayers, Saunders)
- The CERES Software Management Plan was updated and posted on the Web. Email was sent to the document's stakeholders to acquire their signatures on the Stakeholder-Commitment Sheet. Once the signatures have been acquired the Stakeholder-Commitment Sheet will be scanned, added to the document, and the document will be reposted. (Ayers, Saunders)
- The CERES Requirements Specification document was finalized and provided to the author to distribute for a peer review. (Ayers, Saunders)

## **Upcoming Meetings**

- No report received.