

September 24, 2008 – NPP FM5 Reports

CERES RDR Processing

- Work continues on the new version of the FM5 RDR preprocessor (which reads by reference) and the conversion of the HDF output routines in the instrument code. Still working out bugs in the former. A new issue has arisen over whether attitude data will be converted from True of Date to the J2000 reference frame. The outcome is expected to only slightly alter the preprocessor code.

VIIRS Radiance/Geolocation Subsets

- Our plans for obtaining, archiving and making the data available to Sunny (and anyone else who wants to see it) are:
 - (1) when Ed tells us that he has data for us, work out with him how to get it (if he wants to spec that in advance, we'll know ahead of time);
 - (2) retrieve the data by whatever manual means necessary manually archive it so that we have a protected copy of it;
 - (3) put the data in a directory on the SCF SAN so that it is accessible to thunder, lightning, lanina and the mac cluster and can be accessed from people's workstations via AFP, SMB and NFS (on a limited basis).
- We'll be happy to look at the requirements document when Jim has it ready. (Little)
- Please make sure that John Kusterer is in the loop on this since he'll be managing the work. (Little)
- The Land PEATE will ftp the test data to samantha.larc.nasa.gov using the account that they already have. Mike, Gang, and Ed will be having a telecon this Friday at 2:30 PM to discuss ingesting VIIRS data. (Little)

VIIRS Aerosol Reader

- No report received.

Toolkit Issues

- No report received.

Telecon/eRoom/Meeting

- No report received.

System Engineering/Management Topics

- Incorporated SDS requirements into LaRC CERES FM5 Requirements Specification, and reorganized document for better traceability to SDS Requirements Specification. Organizing internal review in early October. (Closs)
- Researched issues of NPP pointing/alignment inaccuracy and ephemeris data format conversion from True-of-date to J2000. (Closs)
- Applied for a NOAA CasaNOSA account to retrieve NPP test data and documentation.
- Received and forwarded to Denise account application information for the Mini-IDPS system. (Closs)
- Received the SDS Requirements Specification document Thursday afternoon and met with Jim Friday afternoon to discuss reorganizing the document. Jim is going to provide the mapping between the Level-3 and Level-4 requirements on Monday. Once the mapping is provided the document will be prepared for review. (Ayers, Saunders)