

## May 21, 2008 – NPP FM5 Reports

### CERES RDR Processing

- Work continues on the Level-0, ephemeris and attitude preprocessor. The sample HDF ATT/EFF file can be read. Currently code is being developed with HDF5 1.6.7. Now thinking about how to construct a test file generator code, since real sample data may not be available until Feb. 2009. (Alford)
- Working on the conversion of the Runtime\_Parameters class from Ada to C++. In order to complete this effort APID and Time classes need to be available in an initial form to allow testing of Runtime\_Parameters. The header file has been converted and work is beginning on the actual body of the code. (Alford, Cooper)
- Work continues on creating a C-version of the CERESlib metadata read/write routines. (Naseer)
- Received and reviewing SDS L3 requirements document. PEATE requirements discussion Wednesday afternoon. (Closs)
- Assembling CERES RDR and VIIRS data specifications for CERES ICDs. (Closs)
- Seeking VIIRS sample proxy aerosol data. (Closs)

### VIIRS Radiance/Geolocation Subsets

- Continuing on defining structure and coding VIIRS subsetter. (Chen, Sun-Mack)

### VIIRS Aerosol Reader

- No report received.

### System Engineering/Management Topics

- Released the draft CERES Science and Data Working Agreement to Goddard Space Flight Center after a couple more updates and documentation review. (Miller)
- Provided description of various reports available from NPP to mission operations. (Miller)
- Reviewed, edited, and formatted the NPP Working Agreement. (Ayers, Saunders)
- Reviewed the NPP Configuration Management Procedure and NPP Integrated Independent Review Plan. (Ayers)