

July 16, 2008 – NPP FM5 Reports

CERES RDR Processing

- Erika met Marge Ripley and Gary Route after the July 9-10 TIM. Marge is with NOAA/IPO and can make the samples CERES desires happen. Erika sent Marge e-mail requesting various samples. If you desire copy of e-mail, let Erika know. Should have 3 sample RDRs for telemetry, science, and diagnostic in Sept/early-Oct. The CERES data in these sample RDRs may be zero-filled, but Erika requested that the metadata, diary, and other parameters not be. If possible, Erika requested these samples contain proxy or sample diary information and that a quick note which indicates where on the earth the diary data falls be included. Marge and others on the NPP project desire NPP proxy CERES data which can be flowed through the IDPS system. Erika has offered up the 24 hours of data arranged in files of 100 proxy FM5/NPP packets and suggested they contact Denise and Ashley to make arrangements to obtain these files. Erika requested a minimum of 28 hours (last 2 hours previous day, 24 hours, and 1st 2 hours of next day) of CERES RDRs including a few simulated repair files. (At end/beginning of contacts, repaired granules are expected.) The proxy or sample diary data for this data set should be continuous as much as possible. 28 hours is the minimum, however 3 days of CERES RDRs remain preferable. Erika also requested that IDPS provide a sample filename and repair filenames for that file in the near future. (Geier)
- A first rough version of the Level-0 preprocessor has been completed. Moving time over to the ADA/C++ conversion project, with expectation that RDR test data will be available in September or October. (Alford)

VIIRS Radiance/Geolocation Subsets

- Erika sent e-mail request for Land PEATE accounts for Sunny, Yan, and Tammy to Gang Ye. Goal is to have accounts in place by late Sept'08. Need final delivery procedure/plans for providing sub-sampler to Land PEATE in place by late Sept'08. (Geier)
- Erika talked to Ed Masuoka. The Land PEATE can compute geolocation from the VIIRS RDRs. (They don't have to read in geolocation from VIIRS SDRs or EDRs.) (Geier)
- Karen North, in a conversation with Erika, stated that the SD3E obtains the SDRs and EDRs from ADS/CLASS and not from the IDPS. Erika still needs to verify that. (Geier)

VIIRS Aerosol Reader

- No report received.

Toolkit Issues

- Instrument is the remaining subsystem that has not yet reported success with Toolkit Version 5.2.15. (Coleman)

System Engineering/Management Topics

- Working Agreement: Erika has Land PEATE comments. E-mail detailing comments already have been sent. If you desire a copy, contact Erika or Walt. WA needs to be reviewed by SEWG. (Geier)
- Programmer to overhaul CERES Software Coding Guidelines has been requested. (Geier)
- During July 9-10 TIM, action item submitted requesting a data gap report for the permanent record. Also submitted were, action items regarding ADS/CLASS ingest of CERES RDRs and understanding SDS - ADS/CLASS connectivity and architecture. (Geier)
- I&TSE is the mini IDPS. On Dec'08, CERES RDRs should be available from the mini. (Geier)
- Peer review MOR in late August. Real MOR scheduled for Nov 17 at NSOF. Dry run will be Oct 20. (Geier)
- A final version of the CERES Science and Data Products Working Agreement was created and distributed for the CERES TIM. (Miller)