

FM 6 Developments

- Funding gap noticed for FM6 –
 - No support for moving data from NOAA Satellite Operations Facility to LaRC.
 - No support for FM6 Operations.
- Solution:
 - Do things just like they are now being done for NPP.
 - NASA picks up the tab.
 - HQ has requested estimates of funding delta using NPP as a model to be included in this year's budget planning exercise.
- I think this is the way the LaRC team hoped FM6 would operate all along.

CERES Follow On Developments

- Fall 2012: Tom Young Independent Review Team Report to NOAA”
Get out of the climate business and focus on the weather!
- NOAA Management Response – We will take a look at this.
- FY 14 President’s Budget – NOAA’s Responsibility for Climate Sensors Removed and given to NASA

Language in President's FY 14 Budget Submit Regarding CERES-C

Responsibility has been transferred to NASA for the sustained climate measurements that were to have been made from the Total Solar Irradiance Sensor (TSIS-2), the Clouds and Earth's Radiant Energy System follow-on (CERES-C), and the limb soundings from the Ozone Mapping and Profiler Suite (OMPS-L), previously planned for NOAA's Joint Polar Satellite System (JPSS) series. **NASA will begin studying the best options and approaches for economically conducting these earth observations, which are needed to monitor and study the Earth's climate system.** NASA will study approaches to continue the 30 plus-year solar irradiance data record currently produced by the SORCE and ACRIMSAT missions, and the Total Solar Irradiance (TSI) Calibration Transfer Experiment (TCTE) instrument, a joint mission with NOAA. NASA will study approaches to continue the more than 25-year record of ozone measurements from the Ozone Mapping Profiler Suite. **NASA will also study the implementation of the Earth radiation budget measurement currently conducted by the Clouds and Earth's Radiant Energy System (CERES) series of instruments. The CERES study will evaluate the continued system measurement requirements in combination and coordination with the other pre-formulation missions from the 2007 decadal survey, and will define an implementation approach that best achieve the measurement objectives.**

HQ Current Thinking Regarding CERES-C, As Best as I Can Tell

- HQ views the probability of this happening (i.e., Congress does not object) as a virtual certainty.
- This is an almost unfunded mandate – (\$40 M in FY 14, then we are on our own.
- Charge in FY14 budget is to consider CERES in the context of the entire ESD portfolio and budget, and do what makes sense in that context (implication is that everything, including measurement requirements, is on the table and for ESD to decide. NASA has leeway.
- CERES – C now has essentially the status of a Decadal Survey Mission in preformulation (that is where it is placed in the budget.)
- Volz has allowed RFP to go ahead as planned, but wants a presentation to HQ before official release.
- Thinking is that CERES-C will still fly on J2, because that will be the most cost-effective thing to do – but if something different appears better, we could do that instead.