

Summary/Action Items

Instrument group

- ~~Edition2 gains and spectral response function delivery through end of December 2008.~~
- Edition3 instrument improvements:
 - Finalize FM2 SRFs (Nov 2009).
 - Finalize FM3 & FM4 gains through March 09 and BOM SRFs (Early Jan 2010)
 - Finalize FM3 & FM4 SRFs through December 2008 (end of Feb 2010)
 - Paper summarizing BOM SRF technique (Mohan Shankar).

Clouds

- ~~Edition3 beta2 delivery in August 2009.~~
- Understand and mitigate against differences between SGI and P4 Edition2 cloud properties.
- Edition3 delivery in June 11, 2010. SSF Edition3 production start in July 2009.
- Submit IEEE papers (3) in preparation on CERES cloud property retrievals/validation?

SOFA

- Submit remaining validation paper (Gupta/Kratz)?
- Edition3 improvements in line with clouds' schedule.

SARB

- Ed3 improvements.
- CRS methodology/validation papers?
- Surface flux comparison: SYN/AVG/ZAVG vs ISCCP vs SRB vs BSRN. Prepare validation paper (David Rutan?)

TISA

- Run and deliver Terra SSF-grid_monthly-lite_Ed2.5 (Early 2010)
- Deliver code to CM (Doelling & Loeb)
- SRBAVG: Deliver code that mitigates MTSAT problem.
- Deliver new ordering tool (May 2010).
- Edition2 MODIS-only, GEO-only (November 2009).
- Edition2 MODIS+GEO ISCCP-D2-like products?
- Submit paper(s) (SRBAVG; SYN/AVG/ZAVG)?
- Edition3 improvements: Ed3 Data Product Catalogue.
- SRBAVG Ed3 on the heels of SSF Ed3.
- Extend EBAF beyond February 2005 (e.g., December 2008?).

Data Management:

- Complete Terra SSF processing through end of 2008 on SGI (January 2010).
- Release CERES Terra SSF-Grid-Monthly-lite-Edition 2.5 in early 2010.
- Update Edition2 & 3 delivery/production schedules across all subsystems every 6 months (e.g., 1 month before CERES science team meetings).
- Think about ways of quantifying improvement in efficiency resulting from planned optimization activities to be implemented (e.g., code optimization; delivery process; SunGrid Engine, etc.).
- Number of code deliveries coming up from CERES to ASDC is staggering. Do we have adequate CERES DMT & ASDC staffing to pull this off?

Next CERES Science Team Meeting

- April 27-29, 2010, Marriott @ Oyster Point, Newport News, VA