

Attendance: Gary Toller, Bill Barnes, Aisheng Wu, Junqiang Sun, Gene Eplee, Brian Wenny, James Kuyper, Ben Ripman, Kurt Thome

Scheduled Agenda**Item 1: Recent L1B LUT delivery**

- Terra forward update – 5.0.40.20 (03/23/09) – m1, RVS
- Terra forward update – 5.0.40.21 (04/08/09) – m1, RVS

Item 2: Instrument status

- Terra and Aqua MODIS are in nominal operations.
- Terra non-recoverable data loss 2009/097 (Apr 7) from ~01:53-02:12 due to an anomaly with the High Gain Antenna which resulted in lost communications and an SSR buffer overflow.
- The series of Aqua Inclination Adjustment Maneuvers are nearing completion. IAMs #18 through #21 were successfully completed on 2009/077, 2009/090, 2009/092 and 2009/098. An additional 3 IAMs are scheduled: April 21, 23 & 29. Exact times of maneuvers not final but generally they occur between 15:00 and 17:00.

Item 3: MCST recent activities

- Follow-up to Terra B5 D17 (SBRS order) issue presented at last 2 MsWG.
 - No objections were raised by the consulted science disciplines regarding the proposal to change the QA flag in Collection 6 for Terra B5 D17 to ‘Inoperable’ for the entire mission. MCST will deliver an updated v6 QA LUT.
 - Gary asked if we also plan to apply this change to the v5 QA LUT. Brian: Not at this time, this had been asked of Eric previously and his proposal is only to apply it in v6.
- Terra Band 7 Detector striping
 - A user (snow cover and grain size products) inquired about striping seen in Terra Band 7. The current product is based on the L1B1KM data and analysis was initiated to derive the product from the 500m data – yielding inconsistent results. MCST investigated the detectors of this band and found that the striping is observed throughout the lifetime of the Terra mission for Detectors 3, 9 & 16 (product order). The striping is most apparent at typical EV radiance level, but not seen as higher radiance levels of the SD calibration, indicating a nonlinear response behavior for these 3 detectors. MCST is investigating if applying a scaling factor to the m1 will yield improvement in removing the striping for typical EV radiance levels. Results of analysis will be discussed at a future MsWG.

Item 4: Around the Table

- None

Next Meeting: ~April 22, 2009