

**Attendance:** Jack Xiong, Gary Toller, Bill Barnes, Stuart Biggar, Gerhard Meister, Chris Moeller, Bryan Breen, Scott Blanchard, Eric Vermote, Zhengming Wan, Aisheng Wu, Brian Wenny

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### **Scheduled Agenda**

#### **Item 1: Recent L1B LUT delivery**

- Terra forward update – 5.0.6.26 (2/15/07)

#### **Item 2: Instrument status**

- Terra and Aqua MODIS are in nominal operations.
- Terra Non-recoverable data loss – Caused by MDA2 (motor drive assembly) failure and linked with spacecraft passage through SAA. The high gain antenna locks up and contact is lost briefly.
  - o 2007/047 00:32:06 – 00:32:24 GMT (Feb 16, 2007)
  - o 2007/054 14:40:05 – 15:08:15 GMT (Feb 23, 2007)
  - o 2007/054 15:09:14 – 15:09:28 GMT (Feb 23, 2007)
- Aqua Inclination Adjustment Maneuvers are one schedule to begin next week and will occur at approx. 1600 GMT on:
  - o 2007/073 – Wed. 3/14
  - o 2007/087 – Wed. 3/28
  - o 2007/101 – Wed. 4/11
  - o 2007/114 – Wed. 4/24
  - o 2007/128 – Wed. 5/08 (backup)
  - o 2007/135 – Wed. 5/15 (backup)

#### **Item 3: MCST recent activities**

- Terra ‘Bad data’ blocking issue:  
MODAPS is prepared to implement blocking of Terra data identified by MCST as ‘bad’ once official approval has been received from all three science disciplines.  
**CM:** Suggested there may be other periods relating to the formatter changes early in the mission that may need to be blocked as well. **BW** will investigate. Three possible time periods for Aqua have been identified as well.
- Dead detector interpolation issue:  
The prototype L1B code is in the process of being scheduled to produce a limited test data set for science groups to test their algorithms. Notification will be sent once this data is available.

#### **Item 4: Around the Table**

- **GM:** OC group is making progress towards using SeaWiFS to derive correction factors for MODIS. Will need a special prepared LUT to run whole Terra mission data.
- **CM:** In process of analyzing ER2 data from last fall for comparison with Aqua. Early results are consistent with previous campaigns.
- **EV:** Received question regarding direct-broadcast L1B data and found that it is processing data with the incorrect LUT. Changes in code required to correct this issue. **JX** will look into it.

Next Meeting: ~Mar. 21, 2007