

MODIS Technical Team Meeting
Thursday, February 10, 2005
Building 33, Room E125

Vince Salomonson chaired the meeting. In attendance were Jack Xiong, Robert Wolfe, Ed Masuoka, Michael King, Gary Alcott, and Eric Vermote, with Yolanda Harvey taking the minutes.

1.0 Upcoming Events

- MODIS Science Team Meeting, March 22-24, 2005, BWI Marriott, Baltimore, Maryland.
- IGARSS 2005, July 25-29, Seoul, South Korea. Abstracts deadline past (December 8, 2004). <http://www.igarss05.org/>

2.0 Meeting Minutes

2.1 General Discussion

Salomonson discussed the latest version of the MODIS Science Team Meeting agenda. The meeting will be at the BWI Marriott from March 22-24, 2005.

Salomonson noted that he has the funding template for the Terra Extension Proposal, and is working with Masuoka and interested parties on filling it out.

2.2 Instrument Status

Xiong reported that everything is working fine, with the exception of a Terra RSB calibration concern with the solar diffuser screen in place for the Land bands.

Salomonson noted that evidence continues to show that we've done very well meeting specifications for calibration of the MODIS instruments.

2.3 DAAC

Gary Alcott reported that the DAAC is anticipating a LUT delivery today. They've been struggling with PGE03, though otherwise everything is working fine. Salomonson said that, based on an issue with a mislabeled LUT, the LUTs will now be going from Miami (for verification purposes) to the DAAC (to be integrated in the processing stream). Masuoka added that data from Xiong's group will go to the DAAC before Miami as well.

Alcott said that the DAAC is looking to get rid of physical media by the end of the year, and are hoping to move to DVDs or something hard format that is more universal than what they have now. Salomonson emphasized the importance of keeping working on our customers' data ordering experiences.

2.4 SDST

Masuoka reported that, based on reprocessing-event charts from Sol Broder, there will likely be an overlap between Collections 5 and 6. Some discussion ensued of

processing collections at the end of the MODIS mission, and whether a "Collection 7" would end up being the last one.

Masuoka said that if the SDST gets PGE06 by next week (and it contains no errors), they can start reprocessing Atmospheres Collection 5 on the 28th of February. In the case that that doesn't happen, they will proceed with processing on the best schedule they can. Collection 5's SST data is waiting on interest in a science test at Miami, but that collection is likely ready to go as well.

2.5 Land

Vermote reported that the Land calibration effort is moving along. He said that he would soon send a paper to Salomonson discussing earthshine. Salomonson noted a recently-published paper in the IEEE TGARS on spatial characterization by Jack Xiong and Bill Barnes. Vermote noted that polarization is finished, and they're ready to meet with Xiong and all. Their study shows that the Aqua MODIS instrument's earthshine polarization situation is reasonably well understood.

3.0 Action Items

3.1 New Action Items

No new items.

3.2 Old Action Items

3.2.1 Robert Wolfe will check on the status of the ephemeris problem on Aqua.
Status: Open.