

MODIS Technical Team Meeting
Thursday, June 30, 2005
Building 33, Room E125

Vince Salomonson chaired the meeting. In attendance were Ed Masuoka, Dorothy Hall, Steve Kempner, Robert Wolfe, Jack Xiong, Eric Vermote, and Barbara Conboy, with Yolanda Harvey taking the minutes.

1.0 Upcoming Events

- 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 reported that there has not yet been any announcement about the results of the Terra Senior Review. The announcement is now scheduled for no earlier than July 7.

Salomonson noted that MODIS continues to be the subject of a growing number of studies in the refereed literature. He is working to capture selected highlights and send them to HQ.

2.2 Instrument Status

2.2.1 Aqua MODIS

Xiong reported that there were a couple of SRCA tests done on Tuesday of this week (June 28, 2005). There are four ten-watt lamps. One was lost early in the mission, and another was more recently lost, so there are only two that are functionally operational. MCST is testing them due to a concern about power levels in the instrument, though there hasn't been and don't expect there to be any direct impacts on the science data. Salomonson asked if they would revise the calibration due to the shortage of lamps, and Xiong said that yes, it is necessary and will be done.

2.2.2 Terra MODIS

No update given.

2.3 SDST

Robert Wolfe was recently appointed as a civil servant at Goddard in the Earth-Sun Exploration Division.

Masuoka reported that everything is on schedule for a MODAPS reprocessing of MODIS SST (Sea Surface Temperature) starting in mid-August. Processing SST in parallel with Atmosphere and Land products will result in a completion date for the SST reprocessing of mid-April 2006. Masuoka noted that MODAPS will send the SST products to the GES DAAC for archive and distribution unless otherwise requested by the Ocean Team Leader.

Masuoka noted that the PGE06 final changes will be in tomorrow, so they will be able to get tests running soon and completed by Tuesday July 5th. Hopefully the science team will have time to evaluate them next week, so that they can then start the first two months of Atmospheres data reprocessing on July 8. After that, the Atmosphere Team will then do a review of the two months of products before they are released to the public.

For Land, Masuoka said that they are expecting a delivery of the latest version of Land Surface Reflectance from Vermote on July 8. On July 5 Kamel Didan (University of Arizona) will decide whether or not to deliver updates to changes to his MODAGG and VI algorithms for the next science test.

Wolfe noted that the Goddard DAAC was asked to start forward processing of Aqua Collection 5 (C5) L1 data. Reprocessing of Aqua C5 L1 won't start until later in the year, though they will notify everyone when they do start. A final assessment of the data quality of the new collection is needed before the Goddard DAAC releases the data to the public.

2.4 DAAC

Kempler reported that everything is going well, and they've started reprocessing L0-L1 data.

2.5 Land

Vermote expressed a concern about the product review Masuoka mentioned, and it's disconnection from the production schedule. Masuoka said that they would like the review to be held later because it affects their ability to get the Land data rolling for Collection 5. The review would be a general study of all of our products in the DAACs and where they could cut costs, for instance.

2.6 Cryosphere

Hall reported that she received an invitation to attend a MISR-MODIS-CERES data fusion workshop in mid-August, and that she's planning to attend. Salomonson noted that he will be attending it as well. It will be in Williamsburg, Virginia.

Hall asked about the idea of another special issue on MODIS results. Salomonson agreed that this possibility is still under consideration.

3.0 Action Items

3.1 New Action Items

No new action items.

3.2 Old Action Items

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