

MODIS Technical Team Meeting
Thursday, June 9, 2005
Building 33, Room E125

Vince Salomonson chaired the meeting. In attendance were Ed Masuoka, Steve Kempler, Jack Xiong, Chris Justice, 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 results of the Terra Senior Review regarding the extension of Terra operations (including MODIS) up to 2009/2010 are projected to be announced on or about June 29. This is later than the originally scheduled date of June 15.

Salomonson said that he's been discussing with Dr. Paula Bontempi, MODIS Program Scientist, the fact that there is widespread and growing use of MODIS data. He has explored with her what might be a good approach to summarize those uses in a way that would be supportive of HQ goals and objectives. As a starting point he's going to develop a report he intends to send to HQ folks listing publications, etc., including the identification of scientific results highlights. He solicits ideas and inputs regarding any "metrics" or other approaches relative to the thrust just described

2.2 Instrument Status

Xiong reported that both instruments are working fine, and there are no new issues.

2.2.1 Aqua MODIS

Xiong reported that the SRCA issue related to the Aqua MODIS is awaiting help from the Santa Barbara Remote Sensing (SBRS) contingent. There will be a meeting on June 15, 2005, to review the issue again. Otherwise, Aqua MODIS operations are proceeding "normally." Salomonson noted that if the Aqua MODIS SRCA should fail, there will be no heroic measures recover operations of the SRCA. The SRCA has been very useful for a number of analyses, but the MODIS science can proceed adequately without it. Xiong noted that the SRCA has gone back to normal operations in the past, and may do so again.

2.3 SDST

Masuoka reported that the PGE06 changes are key to moving forward with the Atmospheres reprocessing, and will be delivered tomorrow. He noted that King would like some of the key members of his team to review the results from an

Atmosphere Science Test following delivery of PGE 06, and if all goes well with the test and the review MODAPS will meet the July 1 start date. Otherwise, PGE83 has been on hold, and likely will remain so until the group can figure out how to get the parameters from Collection 4 into Collection5. In any case, PGE83 hasn't been delivered yet, and reprocessing can start without it (PGE83 can be caught up individually). The reprocessing effort should finish in March of 2006.

For the Land team, 11 PGEs that are scheduled for delivery from June 15-June 23, if all are received on this schedule the time series Science Test will begin on July 1. Once the results are in from the test and reviewed by the land team, the remaining test schedule will be worked out.

2.4 DAAC

Kempler reported that everything is nominal, and there is nothing new to report. Downtime and distribution have been very good. Distribution has increased, but Kempler had no specific numbers present. There have been some major increases in the last six months. Salomonson suggested putting together a presentation that would show the growth in distribution of MODIS data from the GSFC DAAC. Kempler said that he's been looking at the GSDAAC daily distribution levels. Salomonson said that focusing on the public data would be good, and Masuoka agreed that it'd be useful. Kempler agreed, and noted that things look pretty good at the DAACs overall. Salomonson noted that the Science Team Members seem to not be experiencing difficulties getting data, and Justice agreed, saying that he thinks that the data access issue has gone away for the most part. There are other issues, but for scientists there are alternative approaches that now facilitate data access.

Kempler noted that he has some strategies to update data quickly that includes encouraging SIPS (or whatever that's out there) to engage in some suggested procedures. The DAACs themselves are doing things differently with regards to accessing data. There are also quicker ways of getting data online rather than ordering it. Masuoka noted that things will be more open and competitive in the future and there will be less money available to support EOS data systems. Kempler added that from DAAC point of view they continue to try very hard to do innovative things that would benefit the user communities.

2.5 Land

Justice reported that Vermote is on travel, but still keeping up with communications if he's needed.

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: Open.