

MODIS TECHNICAL TEAM MEETING

September 21, 1999

Vince Salomonson chaired the MODIS Technical Team Meeting. Present were Ken Anderson, Barbara Conboy, Wayne Esaias, Bruce Guenther, Dorothy Hall, Steve Kempler, Ed Masuoka, Locke Stuart, and Bruce Vollmer, with Deborah Howard recording the minutes.

1.0 SCHEDULE OF EVENTS

MODIS PI Processing Meeting	October 6, 1999, 9:30 a.m. Building 33, Room H114
Next MODIS Science Team Meeting Location near GSFC TBD	Tentatively November 16–17, 1999
Terra Launch Vandenberg Air Force Base (Lompoc, CA)	No earlier than November 19, 1999
AGU 1999 Fall Meeting (San Francisco, CA)	December 13–17, 1999
IGARSS 2000 Abstracts Due	December 28, 1999
AGU 2000 Spring Meeting (Washington, DC)	May 30–June 3, 2000
IGARSS 2000 (Honolulu, HI)	July 24–28, 2000
EOS-PM Launch	December 21, 2000

2.0 MINUTES OF THE MEETING

2.1 Overview/Discussion

Salomonson reviewed the MODIS teams' top four name choices for renaming EOS-PM, which will be submitted to Claire Parkinson. In order of preference, these are Revelle, Suomi, Meteora, and Arrhenius. Esaias reported that Bob Woodward and Greg Leptoukh are working on the Oceans home page. It will follow the same format as the Atmosphere home page (see <http://ltpwww.gsfc.nasa.gov/MODIS-Atmosphere>) and Land home page (currently in internal review). As these Web pages are completed, links to them will be incorporated into the MODIS Web site.

Salomonson and Kempler briefly discussed progress on getting ECS Drop 5a to work at the GDAAC. Kempler said it is about 25% operational, an improvement over last week when it was not yet working. Salomonson and Kempler agreed

that with continued progress it would not necessitate a backup option for the DAAC and that ECS is responsible for correcting and updating Drop 5A.

2.2 Instrument Report

Anderson attended the MODIS quarterly meeting that was held yesterday. Three remaining instrument issues are band-to-band registration (BBR), analog-digital converter (ADC) bin size discrepancies, and Bands 23 and 32 responsivity issues. An independent Raytheon team is looking at the BBR and ADC issues and SBRS is monitoring Bands 23 and 32. Anderson said the pre-ship review is scheduled for October 18 and 19, 1999.

2.3 GDAAC

Kempler reviewed the GDAAC Notes for MODIS Technical Team Meeting dated 9/21/99 (Attachment 1). He said that work continues on stabilizing the ECS Drop 5A.02 that has been installed at the DAAC. The ingest function is fine and a 12-hour run in test mode is done. This week ECS Drop 5A, including patches in Drop 5A.01 and Drop 5A.02, was about 25% operational, last week it was 0%. Vollmer said the improvement, however, is mostly due to manual interventions by DAAC operators and that it is supposed to work automatically. Also, they have not made as much progress on archiving. Kempler said the DAAC is developing an automated subscription process.

2.4 SDST

Masuoka reviewed the Launch Ready PGE Status dated 9/21/99 (Attachment 2). He said MODAPS and the DAAC's are still testing new versions of some PGE's. SDST is fixing the multicollection ESDT data type mismatches that occur when data are sent to the DAAC. Vollmer said that for those attributes with a data type mismatch, the attributes would be null and corresponding fields would be empty. Certain products will be available with some missing fields until that problem is fixed. It shows up when retrieving data from the DAAC.

2.5 Oceans

Esaias attended the third SIMBIOS Science Team meeting on September 13–15, 1999. He would like to meet with SIMBIOS and SDST representatives to discuss provision of a limited period of access for Level 2 to SIMBIOS at MODAPS.

Although it is not launch critical, Esaias said the Oceans Discipline group would like an increase in the overall ingest baseline to the DAAC for Oceans. The expected at-launch archive rate is about 70 gigabytes per day for Oceans. Masuoka and Mike Moore (ESDIS/ECS) are looking at the phasing of Science Data servers. Esaias said that if the bottleneck is the rate of ingest, the Oceans group would like to have a rolling archive at the DAAC to accommodate a higher ingest rate. Masuoka said he would continue to discuss this issue with Mike Moore.

Esaias said that a post-launch initialization cruise may take place on Revelle, however, that would depend on the Terra launch date.

2.6 MAST

Conboy reported the tentative dates for the next MODIS Science Team meeting are November 16 and 17, 1999. Salomonson emphasized that topics would focus on Discipline and PI Processing issues in a working meeting rather than the usual overview format.

Salomonson remarked that MODARCH looks good with recent updates and format changes.

2.7 Terra Launch Date

The Terra launch is scheduled for no earlier than November 19, 1999. Anderson commented that an Echostar launch is scheduled for today and the UHFsat launch date has not yet been set.

3.0 ACTION ITEMS

3.1 Action Items Carried Forward

1. Legg: Find out when and how NASA MODIS representatives will be integrated into the NOAA review process and report on status to the MODIS Technical Team. NOAA has agreed to have MODIS representatives serve on the NESDIS data product review boards. However, MODIS representatives have not yet been invited to participate in an advisory panel.

Status: This item remains open. At the August 26 MODIS Technical Team meeting, Dan Tarpley said that NASA MODIS representatives would be included in an upcoming review board meeting.

2. Murphy and Conboy: Inputs for the EOS Data Products Handbook PM-1 Volume 2 were due to Barbara Conboy by June 17, 1999.

Status: This item remains open. In Murphy's absence, Conboy is working with Chris Justice and Wayne Esaias to get final reviews for the Land and Oceans sections.

3. Hohner and Howard: Develop a weekly MODIS news page linked to the MODIS home Web site. It should include hot items and reflect weekly progress.

Status: This item is in progress.

4. Masuoka: Submit an EOS-PM Data Product Update to ESDIS.

Status: This action item remains open