

## MODIS TECHNICAL TEAM MEETING

**Building 33, Room E125  
February 10, 2000**

Bob Murphy chaired the MODIS Technical Team Meeting. Present were Ken Anderson, Bill Barnes, Barbara Conboy, Wayne Esaias, Bruce Guenther, Michael Hohner, Chris Justice, Steve Kempler, Gene Legg (NOAA), Ed Masuoka, Harry Montgomery, Mike Roberto, Dan Tarpley (NOAA), and Eric Vermote, with Deborah Howard recording the minutes.

### **1.0 SCHEDULE OF EVENTS**

MODIS Technical Team Meeting Building 33, Room E125	February 16, 2000, 3 p.m. Wednesday*
SWAMP Meeting GSFC	March 16–17, 2000 Tentative date
EOS-IWG Tucson, AZ	April 11–13, 2000
AGU 2000 Spring Meeting Washington, DC	May 30–June 3, 2000
COSPAR 2000 Warsaw, Poland	July 16–23, 2000
COSPAR/IRS Joint Symposium Warsaw, Poland and St. Petersburg, Russia	July 21 and July 24, 2000
IGARSS 2000 Honolulu, HI	July 24–28, 2000
IRS-2000 St. Petersburg, Russia.	July 24–29, 2000
VENICE-2000 (Oceans from Space) Venice, Italy	October 9–13, 2000
Aqua Launch	December 21, 2000

\*NOTE: The MODIS Technical Team meeting is usually held on Thursday. Please note that the February 16 meeting is scheduled on a Wednesday.

### **2.0 MINUTES OF THE MEETING**

## **2.1 Instrument Report**

Anderson reported that MODIS continues in Safe Mode. He said that a Delta V burn is planned for later today and MODIS would transition to Science Mode tomorrow morning on the B-side and then to the A-side on Sunday. Guenther said we would start getting some On-board Calibrator (OBC) science data on Sunday. Terra should be in the planned orbit on February 24 after eight ascent to orbit burns. Guenther said that the yaw maneuvers are scheduled for February 25–26. He requested that they be conducted on February 21–22 so that we could open the NAD on February 24.

Work is progressing on the MCST Web site. It now includes a Terra MODIS History page and a Mission Schedule page. It also will include information on projected scheduling for roll maneuvers (through February 2003) so that field campaigns and roll maneuvers can be accomplished without interference. These roll maneuvers would be for observing the moon through the space view door and would not exceed a 20 degree roll. The projected schedule will be revised as the project changes the Terra orbit.

Guenther commented that we would be ready for a deep space maneuver by the end of March. Murphy said that we had considered a date in early March, however, there were scheduling conflicts for some of the other instruments on Terra. The first window is from March 25 (Day 97) through April 8.

## **2.2 MODAPS**

Masuoka presented a map showing the earth location of the granules received with the door closed (see: [ftp://acdisx.gsfc.nasa.gov/metadata/Terra/OPS/by\\_insert\\_date/MOD03/ECS\\_GSFC.MOD03.20000122](ftp://acdisx.gsfc.nasa.gov/metadata/Terra/OPS/by_insert_date/MOD03/ECS_GSFC.MOD03.20000122), Attachment 1). He said that LDOPE has looked at the images that are based on B-side electronics. Masuoka said that MODAPS is analyzing closed-door data as much as they can. The GDAAC has provided ancillary data and MODAPS made some polar products for the Land group. There are plans to turn on the Science Investigator-led Processing Systems (SIPS) for the DAAC's so they would be able to ingest MODIS closed door data over SIPS.

MODAPS is still tuning the 10 TB disk. It is running at 40 megabytes per second, which is double in speed over what it was originally. It should be running at a faster sustained speed and MODAPS plans to get some help from the vendor to improve the speed.

Masuoka briefly reviewed PGE Status dated 2/10/2000 (see Attachment 2). He said they hope to post a MODAPS activities calendar on the Web by this Friday.

## **2.3 GDAAC**

Kempler reported that DAAC ingest testing is going well. Murphy said that test data are needed for Direct Broadcast. Requests have come from Hawaii, Wisconsin, and South Florida. Kempler said that he would check to see whether the GDAAC has Level 0 test data available.

## **2.4 Land Group**

Vermote reported that the Land group is reviewing back of the door data. He also reported that they are working hardware issues for the 250m production system.

## **2.5 MAST**

Hohner presented the new MODIS home page to those present. He said that about 80% of the approximately 1000 pages on MODIS have been updated. The new MODIS address is <http://modis.gsfc.nasa.gov/MODIS/>. The MODIS Web site can still be reached for the next 2 months at the old addresses:

<http://modarch.gsfc.nasa.gov/MODIS> or

<http://ltpwww.gsfc.nasa.gov/MODIS/>. Hohner said he would develop a way to notify those who are using the old address of the new one.

A major addition to the MODIS Web site is the MODIS Web Organigram. The organigram is a clickable image map of core MODIS Web sites and the organization of the mapped image is mainly topical rather than hierarchical. The map highlights programmatic, data source, data production, Terra and Aqua satellite, science, and science computing facility (SCF)-related sites. Please direct feedback/comments about the MODIS Web Organigram and updated MODIS Web site to Michael Hohner at [mhohner@pop900.gsfc.nasa.gov](mailto:mhohner@pop900.gsfc.nasa.gov).

Hohner showed some examples of new and updated features of the MODIS site by projecting the site onto a screen. He highlighted the link to the MODIS Oceans page and MODIS Ocean-related Web sites to illustrate how the organigram worked and pointed out how the publication pages had been reorganized and updated.

Guenther suggested including SDST and MCST refereed publications on the MODIS Web site. Hohner said he would find a way to include any citations and articles submitted by MCST or SDST. Guenther also suggested carrying the number of hits on the MODIS Web site in the Technical Team minutes about once per month.

## **2.6 Ocean Group**

Esaias reported that the Marine Optical Buoy (MOBY) would be replaced this Saturday, February 12.

# **3.0 ACTION ITEMS**

## **3.1 Action Items Carried Forward**

1. Hohner: Reassess the use of the password protection on MODARCH and examine using password protection only for the proprietary documents.

Status: This action remains open. Ken Anderson said that one consideration is concern about international access. Esaias questioned whether MODIS should include the Science Team members' quarterly and semi-annual technical reports on the Web site. Hohner asked MODIS team members to please review the

MODIS site and send him suggestions about it.

2. Masuoka: Send via e-mail a list of network contacts categorized according to Level 2, Level 3, etc. to MODIS team members.

Status: Sol Broder sent an e-mail to the MODIS team members. Masuoka will ask him to send it out again.

3. Hohner, Fleig, and Masuoka: Include a space for MODIS early images on the MODIS home Web site. After launch, it would include downloadable early images on the MODIS site and a link to the DAAC's for obtaining products and data. The TRMM and SeaWiFS Web pages and how they process and present images can be used as good examples.

Status: This item remains open.

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

Status: This action item remains open.