

MODIS Science Data Support Team (SDST) Meeting Minutes 7/2/93 & 7/9/93

ATTENDEES: Phil Ardanuy, John Bauernschub, Francesco Bordi, Lloyd Carpenter, Dave Case, Ruiming Chen, Larry Fishtahler, Al Fleig, Tom Goff, Joann Harnden, Paul Hubanks, Mike Jones, Ginny Kalb, Geir Kvaran, Ed Masuoka, John Moses, J.J. Pan, Shahin Samadi, Carl Solomon, Jim Storey, Anand Swaroop, Lalit Wanchoo

MODIS AIRBORNE SIMULATOR (MAS): The Fortran Lint utility has been successfully invoked on the ULABSGI. Paul Hubanks will do some further testing and then use Fortran Lint to check the MAS Level 1 software.

The current beta release (Version 3.3) of the integrated HDF/NetCDF package does not work on VMS computers, Macintosh computers and IBM PC's. The MAS Level 1B will be produced in HDF using the beta release. The users have been notified of the problem.

Software fixes were used to minimize the effects of bad navigation data for the 24 February 1993 flight of TOGA/COARE. Eight of the eleven tracks have been processed. Further information on MAS processing is contained in the handouts.

There was extensive discussion of the HDF format and its use and support. Paul Hubanks is designated as the SDST representative on HDF matters.

MODIS GEOLOCATION: Jim Storey reported on the status of MODIS geolocation work. The review version of the earth location ATBD was completed and distributed.

The process to acquire a 10-day AVHRR data set from EDC for prototype and test purposes has been initiated.

OPERATIONS CONCEPT DOCUMENT: J.J. Pan presented an outline and discussed the MODIS Science Data Processing Operations Concept document.

DATA ORGANIZATION AND ACCESS FOCUS TEAM (DOAFT) MEETING: Tom Goff reported on the highlights of the DOAFT meeting of June 29-30, 1993. Detailed notes are given in the handout.

MODIS LAND PROTOTYPE: Ruiming Chen discussed the status of the MODIS prototyping effort. Prototyping efforts to date have been with Chris Justice and Alan Strahler of the MODIS Land Team.

ACTION ITEMS:

1. 05/21/93 [John Crocker]. Due Date: 07/30/93. Complete the first draft of the MODIS Operations Concept document. (Tom Goff will contact MCST about their contribution.) STATUS: Open.
2. 05/28/93 [Jim Storey]. Due Date: 07/30/93. Develop a plan and schedule for MODIS geolocation prototyping and testing. STATUS: Open.

3. 06/25/93 [Paul Hubanks & Carl Solomon]. Due Date: 07/30/93. Evaluate the SeaWiFS scheduling algorithm and code to see if it can be applied to the MAS processing. STATUS: Open.
4. 06/25/93 [Paul Hubanks]. Due Date: 07/30/93. Get the HDF display software from NCSA and test it on Macintosh computers with the data produced from the MAS software. STATUS: Open.
5. 07/09/93 [Paul Hubanks]. Due Date: 07/23/93. Develop/outline a plan to automate and optimize the MAS processing.
6. 07/09/93 [Paul Hubanks]. Due Date: 07/23/93. Process a flight line of MAS data for Dorothy Hall. STATUS: New.
7. 07/09/93 [Lloyd Carpenter, Tom Goff, Carl Solomon]. Due Date: 07/16/93. Complete the draft of the Level 1A Baseline Requirements Document. STATUS: Open.