

MODIS Science Data Support Team (SDST) Meeting Minutes 8/20/93

ATTENDEES: John Bauernschub, Ruiming Chen, Larry Fishtahler, John Crocker, Tom Goff, Paul Hubanks, Ginny Kalb, Ed Masuoka, J.J. Pan, Shahin Samadi, Jim Storey, Lalit Wanchoo

MODIS AIRBORNE SIMULATOR (MAS) METADATA: Paul Hubanks reported that six ASTEX tapes have been reprocessed. The remaining six ASTEX data tapes should be reprocessed by the end of August. Paul said that Brenda Colesanti has taken over the production processing of the MAS data. The current schedule has the FIRE tape processing beginning in early September.

Ed Masuoka asked to have MAS processing software placed under configuration control to ensure traceability between output data products and software versions.

Paul said that he delivered MAS snow data taken during ASTEX to Dorothy Hall.

Paul also closed the loop on the question of the NSCA software version control. Paul said that NSCA has released HDF 3.3 Beta Version 2, and that he will recompile the MAS production software with this new version next week. The new version fixed some bugs and some memory leaks.

Paul presented and discussed the MODIS/MAS spectral band comparison/overlap table which Al Fleig had requested.

MODIS GEOLOCATION: Jim Storey reported on improvements made to the Earth Location Error report which need to be coordinated with Al Fleig and Paul Hubanks.

Jim also presented his Microsoft Access Data Base containing information needed to describe the AVHRR orbital segments on the 8mm tapes received from the EROS Data Center. Jim also described his new routine to simulate the MODIS scanning geometry for arbitrary source input images. Jim has tested it successfully on an image of the Gulf of Mexico.

MODIS LAND PROTOTYPE: Ginny Kalb presented raw and calibrated /rectified images of AVHRR test data using the fire mask. She said it took 7 minutes on the SUN to do the rectification of a selected subset of an AVHRR orbit. Ed asked Ruiming to modify the software provided by Dr. Chris Justice so that it will run with the calibrated AVHRR data set.

Ruiming went on to present her MODIS Ancillary Data Tables.

ACTION ITEMS

No. Due Date Item

1. 08/13/93 [Tom Goff]. Determine MODIS requirements for metadata on ancillary products. These include Version Number, changes in generating software, etc. STATUS: Open. (Assigned 07/30/93)
2. 08/13/93 [Al Fleig] Speak to Steve Unger on simulation data. Develop an approach for a plan for simulated test data. STATUS: Open. (Assigned 07/23/93)
3. 08/20/93 [Ruiming Chen, J.J. Pan] Develop an ancillary data product document. Use information in ATBDs. Identify what data sets are to be used for: generating

standard Data Products, validation, and QA. Identify requirements for second choices in ancillary data sets if an investigator fails to get the desired data on a particular day. STATUS: Open. (Assigned 07/02/93)

4. 09/03/93 [Paul Hubanks & Carl Solomon]. Evaluate the SeaWiFS scheduling algorithm and code to see if it can be applied to MODIS prototyping. STATUS: Open. (Assigned 06/25/93)