

MODIS Science Data Support Team (SDST) Meeting Minutes 9/03/93

ATTENDEES: Phil Ardanuy, Lloyd Carpenter, Dave Case, Ruiming Chen, John Crocker, Larry Fishtahler, Tom Goff, Liam Gumley, Paul Hubanks, Ed Masuoka, J.J. Pan, Shahin Samadi, Carl Solomon, Jim Storey, Lalit Wanchoo

MODIS AIRBORNE SIMULATOR (MAS): Paul Hubanks presented the status of ASTEX and FIRE data processing. In reply to Ed Masuoka's inquiry, Carl Solomon replied that he and Paul Hubanks are currently addressing the issue of MAS software configuration control.

MODIS LEVEL 2 PROCESSING SHELL DESIGN AND DEVELOPMENT: J. J. Pan discussed his algorithm dependency diagram for the MODIS Science Meeting and his criteria for evaluating algorithm code deliveries. Carl Solomon noted the need to reconcile this with the Data Management Plan.

Ed Masuoka asked Lalit Wanchoo to send him a copy of the revised SPDB product list that resulted from the MODIS Team's response to Dr. King's memo.

MODIS LAND PROTOTYPE: Ruiming Chen presented her results from processing AVHRR data with Dr. Justice's fire algorithm. She used software developed by Virginia Kalb to produce calibrated AVHRR LAC data using the calibration information on the LAC data tape and then ran the fire algorithm on the calibrated data. Future steps will include: optimizing the fire algorithm, implementing EDC's software for producing a global composite of science data sets and automating the production of the composited global fire product.

MODIS GEOLOCATION STATUS: Jim Storey presented his status for geolocation prototyping and AVHRR test data.

T-1 LINE, X-server SOFTWARE, LEVEL 3 DATA PRODUCTS: Tom Goff presented the status of the T-1 line between GSFC and RDC, the shipment of the X-server software, and design considerations for Level 3 software.

Ed Masuoka asked Tom Goff and Jim Storey to collaborate with Virginia Kalb on a white paper discussing grids and mapping for MODIS level 3 products. The outline for this paper will be presented at the MODIS Science Team Meeting in order to solicit input from the Science Team on what they would like to see in a strawman proposal for mapping and gridding Level 3 products.

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: Closed. (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. 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)
4. 09/20/93 [Al Fleig, Paul Hubanks, Jim Storey] Prepare response to "MODIS pointing knowledge" for Dave Diner/Scientific Working group AM1 Platform (SWAMP).
STATUS: Open. (Assigned 09/03/93)
5. 09/30/93 [Al Fleig] Develop meta-documentation concept for ATBDs. STATUS: Open. (Assigned 09/03/93)