

MODIS Science Data Support Team (SDST) Meeting Minutes 06/25/93

ATTENDEES: John Bauernschub, Ruiming Chen, Larry Fishtahler, Al Fleig, Tom Goff, Paul Hubanks, Ginny Kalb, Geir Kvaran, Ed Masuoka, J.J. Pan, Greg Schmidt, Lalit Wanchoo

MODIS AIRBORNE SIMULATOR (MAS): A ulabsgi account has been established for Paul Hubanks to provide for use of Fortran Lint for optimization of the MAS Level 1 software. The Fortran Lint license has expired, but it is being reactivated.

The MAS ASTEX data files are being processed through the automated flight-track selection procedure. The data are being saved on-line for use when the calibration coefficients are released for production processing. The second tape processed, flight #92-100, contains data from a "ferry flight" which has no valid tracks.

By special request from Michael King, the data from TOGA/COARE flight #93-067 taken on 24Feb93 are being processed without calibration for his use.

The MODIS SDST Meeting Calendar and Document Schedule were discussed.

DATA PROCESSING FOCUS TEAM MEETING: There were discussions of several of the results and opinions expressed during the DPFT-3 meeting held on June 23 and 23.

ACTION ITEMS:

1. 05/21/93 [Ed Masuoka]. Due Date: 05/28/93. Arrange a meeting with the SeaWiFS group and SDST programmers to discuss SeaWiFS browse software. (An E-mail message was sent to Gene Feldman. No response has been received yet.) STATUS: Open.
2. 05/21/93 [Lloyd Carpenter]. Due Date: 05/28/93. Post the SDST responses to all currently received RIDs back to the original writers. (The RID responses have been prepared.) STATUS: Open.
3. 05/21/93 [Lloyd Carpenter]. Due Date: 06/16/93. Complete the first draft of the MODIS Operations Concept document. (Tom Goff will contact MCST about their contribution.) STATUS: Open.
4. 05/28/93 [Jim Storey]. Due Date: 06/30/93. Complete an Algorithm Theoretical Basis Document (ATBD) for MODIS Level 1A Geolocation. (This item is progressing on time.) STATUS: Open.
5. 05/28/93 [Geir Kvaran]. Due Date: 06/25/93. Get a copy of the latest MCST calibration algorithm discussion and diagram for SDST use. (Tom Goff will report to the MCST with a response on the discussion of this algorithm.) STATUS: Closed.

6. 05/28/93 [Jim Storey]. Due Date: 07/30/93. Develop a plan and schedule for MODIS geolocation prototyping and testing. STATUS: Open.
7. 06/11/93 [Paul Hubanks]. Due Date: 06/25/93. Get an account on ulabsgi (via G. Schmidt) to use the FORTRAN Lint source code analyzer. Evaluate its use in profiling the performance of the MAS software. (The account has been established. The expired Fortran Lint license is being reactivated.) STATUS: Open.
8. 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: New.
9. 06/25/93 [Paul Hubanks]. Due Date: 07/09/93. Call Dorothy Hall to determine if the MAS ferry flight data was requested or can be used by her group. STATUS: New.
10. 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: New.