

MODIS Science Data Support Team (SDST) Meeting Minutes 02/12/93

ATTENDEES: Phil Ardanuy, John Bauernschub, Francesco Bordi, Tom Bryant, Lloyd Carpenter, Paul Chan, Jy-Tai Chang, Ruiming Chen, Larry Fishtahler, Al Fleig, Paul Hubanks, Ed Hurley, J.J. Pan, Shahin Samadi, Greg Schmidt, Carl Solomon, Jim Storey, Lalit Wanchoo

TOPICS:

1. MODIS AIRBORNE SIMULATOR (MAS): Liam Gumley completed the first draft version of the MODIS Airborne Simulator Level-1B Data User's Guide.

Paul Hubanks discussed various concepts for enhancing and improving the MAS metadata.

2. DATA PRODUCTS LIST AND ALGORITHM DEPENDENCY DIAGRAM: J.J. Pan discussed the status of the data products list and the dependency diagram. Inputs have not yet been received from all team members.

J.J. also described the process for determining computer storage and processing requirements.

3. CONFIGURATION MANAGEMENT: Carl Solomon presented configuration management concepts suitable for application to MODIS Level-1 software development.

4. MICROSOFT PROJECT: Lloyd Carpenter presented preliminary Microsoft Project Gantt charts covering MODIS Level-1A, 1B, the higher-level processing shell, and computer resource requirements.

He also identified subject matter included in the ASTER Team Member Algorithm Software Development Guidelines which should be covered in the MODIS documentation.

ACTION ITEMS:

06/12/92 [LLOYD CARPENTER]. Due Date: 02/12/93. Implement Microsoft Project for managing and scheduling MODIS SDST activities, including Level-1A and -1B schedules, Level-2 shell schedule, sizing of computer resource requirements, and overview. STATUS: Ongoing task.

12/22/92 [LLOYD CARPENTER]. Due Date: 03/01/93. Survey the MODIS science team members to determine computer storage and processing requirements for Level-2 processing. STATUS Open.

1/22/93 [CARL SOLOMON]. Due Date: 2/12/93. Develop configuration management concepts suitable for application for MODIS Level-1 (etc.) software development; prepare alternatives and "cost/benefit" analyses. (A presentation was included in the handout.) STATUS: Ongoing task.

1/22/93 [JIM STOREY]. Due Date: 2/22/93. Meet with EDOS, AM platform, and other groups; develop "cost/benefit" analyses; and provide recommendations for treatment of platform ancillary data (e.g., position, attitude). For example, do we incorporate position/attitude data into the Level-1A product or assign a pointer to it? Do we recommend that platform ancillary data be included in the MODIS instrument Level-0 data stream? STATUS Open.

1/22/93 [LLOYD CARPENTER/TOM GOFF]. Develop SDST-final draft of Level-1 requirements/assumptions. Due Date: (Initial draft due 2/15/93; iterate until 2/26/93; mail draft to MODIS, EOSDIS, and other parties for review by 3/1/93). STATUS: Open.

1/22/93 [PAUL HUBANKS/CARROLL HOOD]. Due Date: 2/19/93. Develop concepts for improving completeness of MAS metadata (anticipate the questions scientists might ask prior to ordering the data; e.g., identify clouds, snow/ice, etc.). STATUS: Closed.