

MODIS Science Data Support Team (SDST) Meeting Minutes 04/16/93

ATTENDEES: John Bauernschub, Lloyd Carpenter, Jy-Tai Chang, Ruiming Chen, Larry Fishtahler, Al Fleig, Tom Goff, Paul Hubanks, Virginia Kalb, Geir Kvaran, Ed Masuoka, Jim Moses, J.J. Pan, Shahin Samadi, Greg Schmidt, Jim Storey

NEXT MEETING:	DATE	TIME	BUILDING	ROOM
	Monday, April 26	10:00am	22	271

PLEASE NOTE THE DATE AND ROOM NUMBER!

TOPICS:

1. MODIS AIRBORNE SIMULATOR (MAS): Paul Hubanks has modified the existing quicklook program to generate two additional MAS quicklook images, a reflectance function image for a visible channel and a brightness temperature image for an infrared channel. The ASTEX data from 17 June 1992 are being processed for testing the new quicklook program.
2. EARTH LOCATION ERROR REPORT: Paul Hubanks discussed the differences between the spec, allocation, and estimate values for the attitude knowledge errors.
3. MODIS PROCESSING AND STORAGE REQUIREMENTS: Ruiming Chen gave an update on the status of completing the information from the MODIS science team members on their processing and storage requirements. The results are being analyzed to provide the best available estimate of the total MODIS processing and storage requirement.
4. MODIS GEOLOCATION ACTIVITIES: Jim Storey has completed a first draft version of the Level 1A geolocation requirements specification package for integration into the MODIS Level 1A requirements review report. The new data flow diagrams, data dictionary entries, and process specifications are being entered into CADRE Teamwork. Provision for a parametric model of the intersection of each scan line with the Earth ellipsoid, as in the SeaWiFS approach, is included in the requirements package.

ACTION ITEMS:

12/22/92 [LLOYD CARPENTER]. Due Date: 03/19/93. Survey the MODIS science team members to determine computer storage and processing requirements for Level 2 processing. (Further progress was reported by Ruiming Chen at the meeting. Analysis of the information will be used to determine a best total estimate before April 30th.) STATUS: Open.

04/07/93 [JIM STOREY]. Due Date: 04/23/93. Develop Level 1A geolocation requirements for inclusion in the MODIS Level 1A requirements review report. (A draft version has been developed and is being reviewed.) STATUS: Open.

04/09/93 [LLOYD CARPENTER]. Due Date: 04/13/93. Update the milestone chart to reflect the ECS award of contract date. (Results were discussed with Ed Masuoka and Al Fleig.) STATUS: Open.

04/16/93 [RUIMING CHEN]. Due Date: 04/29/93. In conjunction with the estimation of computer storage and processing requirements, develop a list of all elements to be included with each of the MODIS products. STATUS: Open.