MODIS Science Data Support Team (SDST) Meeting Minutes 04/9/93

ATTENDEES: Tom Bryant, 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, Carl Solomon, Jim Storey, Lalit Wanchoo

NEXT MEETING:	DATE	TIME	BUILDING	ROOM
	Friday, April 16	10:00am	22	G95

TOPICS:

1. MODIS AIRBORNE SIMULATOR (MAS): Paul Hubanks moved the automated flight tracks selection software to the LTPIRIS for incorporation in the MAS data processing.

There is a problem with the temperature correction applied to the MAS FIRE data. It may be necessary to reprocess the FIRE data.

Final ASTEX calibration coefficients have been verified, but processing of the data is on hold awaiting a resolution of the temperature correction problem.

Generation of two new MAS quicklook images, a reflectance function image for a visible channel and a brightness temperature image for an infrared channel, is awaiting an agreement on the output format.

2. EARTH LOCATION ERROR REPORT: Paul Hubanks reported that Version 1.0 of the Earth Location Error Report was distributed at the science team meeting, and was very well received. Several suggestions for modifications and additions are being implemented.

3. LEVEL 2 PROCESSING SHELL: J.J. Pan is preparing a draft of the Level 2 Shell System Requirements Document. He described the concepts for the MODIS Level 2 shell development environment and the PGS interface.

4. MODIS PROCESSING AND STORAGE REQUIREMENTS: Ruiming Chen reported on the status of gathering information from the MODIS science team members on their processing and storage requirements. She talked with many of the team members during the team meeting with varying degrees of completeness in the results. Attempts will be made to fill in the blanks, and analyze the results to provide the best available estimate of the total MODIS processing and storage requirement.

5. MODIS GEOLOCATION ACTIVITIES: Jim Storey reported on the status of the development of requirements and processing estimates for the MODIS Level 1A geolocation algorithm. Processing estimates for both the terrain and non-terrain cases are being generated based upon and analysis of the operations. Results will be validated using prototype algorithms. A first draft of the Level 1A geolocation requirements is

being prepared for inclusion in the Level 1A requirements review report.

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. Additional phone interviews of team members and analyses 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. STATUS: Open.

04/09/93 [LLOYD CARPENTER]. Due Date: 04/13/93. Update the milestone chart to reflect the ECS award of contract date. STATUS: Open.