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From: AMCKAY

To: MODIS.DATA.TEAM

Subj: 7/19/91 SDST Minutes

ATTENDEES:	Phil Ardanuy	RDC	982-3714
	Al Fleig	900	286-7747
	Harold Geller	RDC	982-3740
	Tom Goff	RDC	982-3704
	Liam Gumley	RDC	982-3734
	Ravi Kumar	STX	286-9515
	Ed Masuoka	920.2	286-7608
	Al McKay	RDC	982-3720

NEXT MEETING:	Date	Time	Building	Room
	Friday, July 26	10:00 am	16	242

TOPICS:

1. Liam Gumley reported on several MODIS Airborne Simulator (MAS) issues that were resolved as a result of a visit to Madison, Wisconsin between July 10th and 12th. A data contact at Ames Research Center has been identified and informal contact with Ames has been established. Source code and source code documentation, MAMS test data, and INS test data for MAMS Level-1B processing have been obtained.

2. Liam Gumley presented a tentative schedule for the implementation of a MAS Level-1B processing system at Goddard. Specific implementation milestones will be identified and included with the overall schedule.

3. Al McKay reported on several interviews related to ground-controlled image location and possible implications for MODIS processing if ground-control techniques are used for MODIS-N land processing. Dr. Ramapriyan felt that the desired 0.2 pixel (50m) registration accuracy could be obtained only under nearly ideal conditions. Thematic Mapper (TM) obtained an accuracy of about 0.5 pixel with respect to absolute Earth coordinates and about 0.2 pixel scene-to-scene. Dr. Ken Jones at JPL thought that 50m accuracy was perhaps obtainable if platform attitude can be kept sufficiently stable. Dr. Jones is doing an in-depth study of ground-control techniques for

MISR.

ACTION ITEMS:

05/03/91 [Lloyd Carpenter and Team]: Prepare a Level-1 processing assumptions, questions and issues list, to be distributed to the Science Team Members and the MCST for comment. (The list, the executive summary, information on the EOS Platform Ancillary Data, and a cover letter were delivered for signature and distribution.) STATUS: Open. Due date 06/07/91.

05/31/91 [Liam Gumley]: Establish a connection with the proper person at Ames Research Center for communication on MAS formats, an interface control document, agreements, etc. (Mr. Jeff Myers is the contact person. See the 7/19/91 presentation.) STATUS: Closed Due date 07/19/91

06/07/91 [Liam Gumley]: Speak to Alan Strahler, when he returns, regarding his MAS requirements. (Strahler will be contacted when he becomes available.) STATUS: Open. Due date 07/05/91

06/21/91 [Liam Gumley]: Obtain a copy of all available MAS Level-1B processing software and any existing documentation from the University of Wisconsin at Madison for porting to a system at GSFC. (This action was completed as reported on 7/19/91.) STATUS: Closed. Due date 07/19/91

06/21/91 [Liam Gumley]: Generate a complete milestone schedule for conversion, installation and testing of all modules of the MAS Level-1B processing software at GSFC. Draw up an agreement between the SDST and Mike King of what will be done. (These are included in the presentation.) STATUS: Closed. Due date 07/19/91

05/31/91 [Al McKay and Phil Ardanuy]: Examine the effects of MODIS data product granule size on Level-1 processing, reprocessing, archival, distribution, etc. Reports were provided on June 21 and 28, 1991. STATUS: Open. Due Date 06/21/91

06/28/91 [Lloyd Carpenter and Tom Goff]: Prepare a detailed

list of scheduler assumptions in relation to Level-1 MODIS processing scenarios. (A preliminary list is included in the presentation.) STATUS: Open. Due date 07/26/91.