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m: LCARPENTER
MODIS.DATA.TEAM
j: MODIS SDST Meeting 07/24/92

DIS Science Data Support Team (SDST) Meeting Minutes 07/24/92

TENDEES: Lloyd Carpenter, Paul Chan, Larry Fishtahler, Al Fleig, Tom Goff, Liam Gumley, Paul Hubanks, Jim Ormsby, J. J. Pa
hin Samadi, Greg Schmidt, Will Webster.

XT MEETING: Date Time Building Room
Friday, July 31 10:00 am 22 G31F

PLEASE NOTE MEETING LOCATION ***

PICS:

MODIS AIRBORNE SIMULATOR (MAS): Liam Gumley presented a report on MAS status. He has developed a program which rea
cks of data from an MAS Exabyte aircraft tape, decodes and converts the MAS data to Intermediate format, and writes the resulting data
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m used algorithms developed by J.J. Pan to process a 512 line by 512 pixel section of channel 12 MAS data taken on June 8th. The ima
heavily contaminated by 400 Hz coherent noise plus incoherent striping noise. In the first step the coherent noise was removed using
-dimensional FFT to identify the noise spikes, and using band reject filters for removal. The two- dimensional adaptive filter was then us
emove the incoherent striping noise. The results were very impressive. Before-and-after copies of the image were included in the hando
provided to Mike King and Paul Menzel.

MODIS LEVEL-2 PROCESSING SHELL DESIGN: J.J. Pan presented an updated version of the algorithm dependency diagram. Mo
ailed information on the input data is expected from the Science Processing Support Office (SPSO). When we are sure that the most rece
ormation provided by the Team Members has been included, the completed dependency diagram will provide a good basis for discussion
ure that all information has been interpreted correctly.

MODIS LEVEL-1 SOFTWARE DESIGN: Tom Goff presented an updated version of the detailed MODIS Level-1 processing desi
edule, including the ECS Milestone Chart and an updated resource histogram.

MODIS SOFTWARE AND TLCF PLANS: Final modifications are being made to the draft versions of the MODIS Software and Da
nagement Plan and the MODIS Science Computing Facilities Plan before distribution to the Science Team Members.

TION ITEMS:

24/92 [J. J. Pan] Develop a detailed schedule for a typical algorithm integration into the Level-2 processing shell. STATUS: Close
e Date: 06/05/92

24/92 [Lloyd Carpenter & Team] Develop a staffing plan for the accomplishment of the tasks shown on the schedule. (A draft version
staffing plan has been developed.) STATUS: Open. Due Date: 06/12/92

12/92 [Tom Goff] Develop separate detailed schedules using Microsoft Project for Level-1A and -1B software design and developme
dated results were included in the handout and presented at the meeting.) STATUS: Open. Due Date: 07/10/92

24/92 [Lloyd Carpenter] Develop a system for collecting time keeping data for the SDST effort. STATUS: Closed. Due Date: 06/26/9