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m: LCARPENTER

MODIS.DATA.TEAM

oj: MODIS SDST Minutes 01/17/92

MODIS Science Data Support Team (SDST) Meeting Minutes 01/17/92

TENDEES: Lloyd Carpenter RDC 982-3708  
Al Fleig 900 286-7747  
Harold Geller MCST/RDC 982-3740  
Tom Goff RDC 982-3704  
Liam Gumley RDC 982-3748  
Rick Hatfield CSC 464-7400X7556  
Lou Kouvaris Hughes 464-7365  
Ed Masuoka 920 286-7608  
Jim Ormsby 974 286-6811  
Lalit Wanchoo STX 513 1682

XT MEETING: Date Time Building Room  
Friday, January 24 10:00 am 22 G95

PICS:

PC/AT MOTHER BOARD REPLACEMENT: Al Fleig went to a demonstration in IBM PC/AT with a replacement mother board. The demonstrators would like to exercise the MAS software on their system. Liam Gumley pointed out that the MAS processing is primarily input/output.

TLCF: Al Fleig reported that the first TLCF, expected to be purchased this year, will be an upgrade of John Barker's IRIS to 4 CPUs. The SDST will have first priority on two of the CPUs; Barker the other two. The SDST will also get a workstation.

TRANSPORTABLE APPLICATIONS EXECUTIVE (TAE+): Lloyd Carpenter reported on a telephone conversation he had with Karen Moe of Code 522 about the importance of developing the user interface. The TAE+ is an interface management system used in her area. Al Fleig didn't see TAE as being applicable to the SDST work. Ed Masuoka felt it may be an application to quality control.

SOFTWARE DEVELOPMENT: Tom Goff reported on several difficulties encountered while working on porting Mike King's cloud computer code to the IRIS. The biggest problem so far involves porting binary data sets where the format is machine dependent. Goff will identify the guidelines needed to minimize these problems.

Ed was given an action item to have his file dump routine finished, reviewed, and ready to distribute before the next MODIS Science Team Meeting.

ESTIMATES OF MODIS AM AND PM PROCESSING REQUIREMENTS: Lloyd Carpenter provided revised MODIS processing requirements (data rates, volumes, LOCs, and MFLOPs) based upon MODIS-N AM and PM instruments in place of MODIS-N and -T instruments on the same platform.

SDST FY 1992 WORK PLAN: Lloyd Carpenter presented an updated draft version of the SDST FY 1992 Work Plan. All SDST members are to be prepared with written comments and suggestions at the next meeting.

#### ACTION ITEMS:

30/91 [Lloyd Carpenter and Team]: Draft a schedule of work for the next 12 months. Include primary events and milestones, documents to be produced, software development, MAS support, etc. (An updated draft version was included in the handout.) STATUS: Open. Due date 27/91.

06/91 [Liam Gumley]: Investigate a cataloguing scheme for the MAS data. Consider the Master Catalogue, PLDS and PCDS. STATUS: Open. Due date 02/14/92.

06/91 [Liam Gumley, Tom Goff, Ed Masuoka]: Develop a plan for archiving and distributing MAS data. STATUS: Open. Due date 14/92.

03/92 [Ed Masuoka]: Check on the UCAR "copyright" as a first step in standardizing an SDST software copyright statement for public sharing. Check with legal. (Legal is developing the statement.) STATUS: Open. Due date 02/14/92.

03/92 [Team]: Get a "long arc" of high-resolution AVHRR data for a study of time correlations of pointing errors. STATUS: Closed. Due date 02/14/92.

03/92 [Team]: Check on the set of software engineering tools available in Code 530 to see if any of these would be of use to SDST. (A report was made at the meeting.) STATUS: Open. Due date 14/92.

17/92 [Tom Goff]: Have a polished version (with peer review) of the file dump routine ready for the MODIS Science Team Meeting. STATUS: Open. Due date 04/01/92.