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MODIS.DATA.TEAM

oj: MODIS SDST Minutes 05/15/92

MODIS Science Data Support Team (SDST) Meeting Minutes 05/15/92

TENDEES: Lloyd Carpenter RDC 982-3708

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XT MEETING: Date Time Building Room

Friday, May 29 10:00 am 22 G95

PICS:

MODIS AIRBORNE SIMULATOR (MAS): Liam Gumley discussed the status of the MAS Field Data System (FDS) being assembled and tested at RDC to support the ASTEX field experiment. The hardware components tested so far include 80486 33Mhz PC compatible, 200M disk, SuperVGA card, 9600 bps modem, and 15" SuperVGA flat screen NEC monitor.

The FDS software has been transferred to the new PC and successfully tested, including the use of the NetCDF library. The user interface was enhanced with a menu driven shell for convenience in the field environment.

FDS will be shipped to Ames to test the MAS performance during the test flight on May 22nd. Shipment to the Azores for the ASTEX flight take place around May 26th.

Exabyte tape drive needed for the system is expected to arrive at GSFC on May 15th or 18th.

MODIS SDST SOFTWARE DEVELOPMENT PLANS: Tom Goff presented a proposed outline of a MODIS SDST software development plan based on the IEEE Standard for Software Quality Assurance Plans. The schedules and staffing plans are needed before the requirement document.

PRODUCT GENERATION SYSTEM (PGS) TOOLKIT: The PGS Toolkit Study Report by Ted Meyer, GSFC Code 423, was discussed. SDST members are to prepare comments, which are to be integrated and forwarded to Ted Meyer.

ACTION ITEMS:

24/92 [Lloyd Carpenter] Prepare the Team Leader's Software and Data Management Plan for review. (An updated draft version was distributed at the meeting on May 8, 1992.) STATUS: Open. Due Date: May 10, 1992.

24/92 [Lloyd Carpenter] Prepare the Team Leader's Science Computing Facility Plan for review. (Copies of the current draft version were provided along with the handout at the May 1st meeting.) STATUS: Open. Due Date: May 10, 1992.

24/92 [Tom Goff] Develop a detailed schedule through to the delivery of Version 1 to the DAAC for Level-1A and -1B software design.

l development, identification of risk areas in Level-1A and -1B design, and prototyping of risks. STATUS: Open. Due Date: 05/22/92

24/92 [J. J. Pan] Develop a detailed schedule for the Level-2 Processing Shell design and development, identification of risk areas in the Level-2 Processing Shell design and development, and prototyping of risks, through to the delivery of Version 1 to the DAAC. STATUS: Open. Due Date: 05/22/92

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

24/92 [Lloyd Carpenter & Team] Develop a staffing plan for the accomplishment of the tasks shown on the schedule. STATUS: Open. Due Date: 06/12/92