

> MODIS Science Data Support Team (SDST) Meeting Minutes 02/19/93

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> ATTENDEES: Phil Ardanuy, John Bauernschub, Francesco Bordi, Tom
> Bryant, Lloyd Carpenter, Jy-Tai Chang, Ruiming Chen, Larry
> Fishtahler, Al Fleig, Tom Goff, Paul Hubanks, Ed Hurley, Ed
> Masuoka, J.J. Pan, Shahin Samadi, Greg Schmidt, Jim Storey, Lalit
> Wanchoo

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> NEXT MEETING: DATE TIME BUILDING
ROOM

> Friday, February 26 10:00am 22
G95

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> TOPICS:

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> 1. MODIS AIRBORNE SIMULATOR (MAS): Paul Hubanks received a fax
> from Liam Gumley about the status of the TOGA/COARE experiment.
> Nine flights had been completed and more are expected, but the
> ER-2 aircraft was down with a fuel leak. They expected that the
> leak would be repaired by the weekend.

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> Hubanks is investigating the automation of MAS straight-line
> flight track selection. This process is expected to speed up the
> Level-1B processing of MAS data significantly.

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> 2. DATA PRODUCTS LIST AND ALGORITHM DEPENDENCY DIAGRAM: J.J.
> Pan has updated the algorithm dependency diagram to Version 6.0.
> The product numbers have been replaced by product names to make
> the diagram easier to read. The list of data products has also
> been updated. There is a total of 57 Level-2 At-Launch and Post-
> Launch products.

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> 3. MODIS COMPUTER RESOURCE REQUIREMENTS: J.J. Pan, Ruiming
> Chen, Phil Ardanuy, Paul Hubanks, Tom Goff and Lloyd Carpenter
> have been working on the collection and determination of MODIS
> computer storage and processing requirements. A proposed list of
> questions to be addressed to the team member responsible for each
> data product was discussed at length. One important point is to
> determine what attributes will be included in each product.
> Ardanuy presented a detailed discussion of the oceans
> requirements.

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> 4. MODIS LEVEL-1A REQUIREMENTS: Tom Goff presented a draft
> list of MODIS Level-1A requirements for discussion. The MODIS
> MCST will generate Level-1A requirements for anchor points for
> calibration.

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> 5. PLATFORM ANCILLARY DATA: The handout included a thorough
> description, prepared by Jim Storey, of the handling of the
> platform ancillary data. Due to lack of time, discussion of this
> topic was delayed until the next meeting.

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> ACTION ITEMS:

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> 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. (A progress
> report was included in the handout.) STATUS Open.

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> 1/22/93 [JIM STOREY]. Due Date: 2/22/93. Meet with EDOS, AM
> platform, and other groups; develop "cost/benefit" analyses; and
> provide recommendations for treatment of platform ancillary data
> (e.g., position, attitude). For example, do we incorporate
> position/attitude data into the Level-1A product or assign a
> pointer to it? Do we recommend that platform ancillary data be
> included in the MODIS instrument Level-0 data stream? (This item
> was included in the handout.) STATUS Open.

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> 1/22/93 [LLOYD CARPENTER/TOM GOFF]. Develop SDST-final draft of
> Level-1 requirements/assumptions. Due Date: (Initial draft due
> 2/15/93; iterate until 2/26/93; mail draft to MODIS, EOSDIS, and
> other parties for review by 3/1/93). (The initial draft was
> delivered, and the iteration is in progress.) STATUS: Open.