

MOCEAN REPORT

Presented:
MODIS SCIENCE TEAM MEETING
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- Level 1 Requirements Products:
nLw, SST, Chlorophyll a conc., PAR
- Delete backscatter (Gordon), whitecap corrections, concentrate on aerosol effects
- ATBD's are progressing.

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Calibration Issues

- MCST, EOS Cal., should pick up more functions
- Lunar radiance studies need to begin in '94
- Role of MCST in Round-robin calibrations with other agencies, countries
- Role in maintaining reference between SeaWiFS, MODIS, OCTS, GLI, MERIS scale
- Role in reflectance based scales.

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Level 1 Radiance Calibration ATBD

- ATBD Draft is very useful - clarifies a complex process
- Ocean needs are basically met with Level 1 a.
- Concern with approach in several areas.
 - Some approaches are viewed as appropriate for post level 2 applications
 - Thermal bands may need non-linear terms
 - Do not like manufacturing observations to fill-in, rescale.
- Will try to provide written comments prior to review.

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EOS COLOR

- EOS Color remains an essential component of EOS
- Not a lot of progress since the last meeting
- EOSDIS charts need to show EOS COLOR data products, volume
- Need to move ahead with management, data processing planning
- Possible added responsibilities for MOCEAN members - A/O expected for new PI's

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INTERACTIONS WITH NON-US MISSIONS

- Need to foster science, project communications
- Need recipricol ESA delagate(s)
- Japan-US Working Group on Ocean Color (JUWOC) working well.
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MODIS INSTRUMENT

- Both Project and Contractor responsiveness in addressing ghosting problem was excellent.
- Anticipate test data becoming available to begin looking at system responses.

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Q/A REQUIREMENTS

- Most data requirements have been provided.
- Inter-SCF networking requirements need to be examined (? CO-3 level ?)

- Mutual coordination has been highly satisfactory and productive on instrument, algo. and cal/val levels.
- SeaWiFS Cal/Val support delines rapidly after '94
- Counting on Lunar radiance work to continue.*
- Endorse 2nd SeaWiFS prelaunch solar observations*

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OCTS Interactions

- Excellent coordination SeaWiFS-OCTS teams
- Agreements on data, software exchange, Cal/Val interactions
- Data systems highly complementary
- Want to pursue calibration sphere scale, and on-orbit comparisons
- Expect EOSDIS to provide avenues for data exchange on US side - networks, catalog interface