MOCEAN REPORT

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Presented: MODIS SCIENCE TEAM MEETING October 1, 1993 Wayne Esaias

Data Products & ATBD's

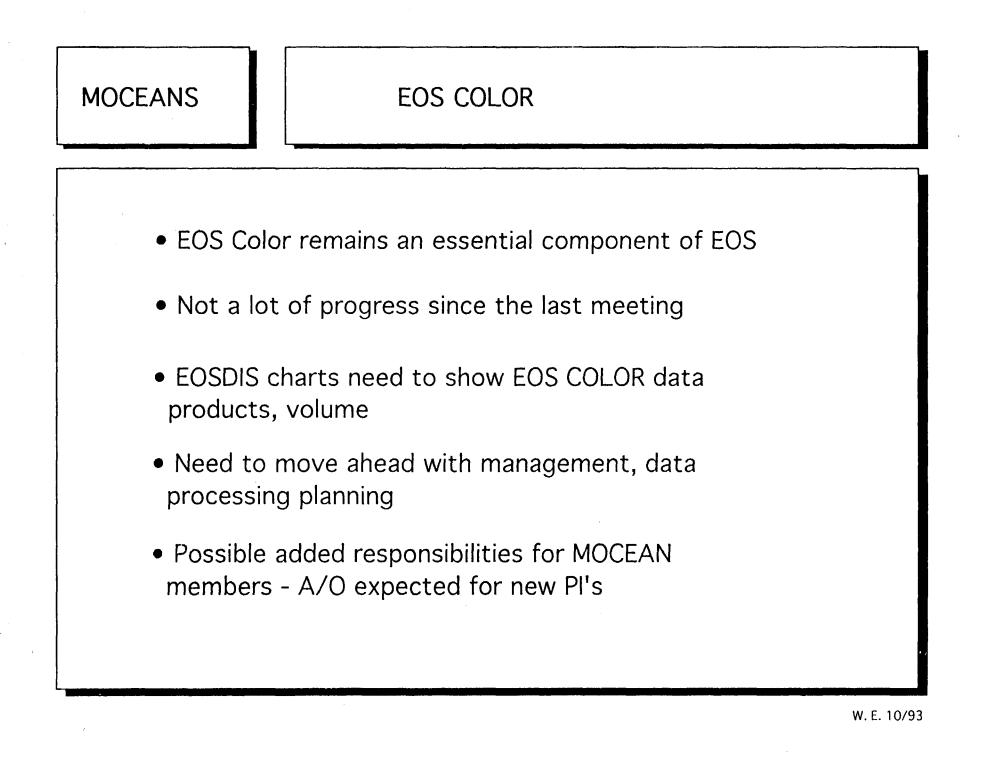
- Level 1 Requirements Products: nLw, SST, Chlorophyll a conc., PAR
- Delete backscatter (Gordon), whitecap corrections, concentrate on aerosol effects
- ATBD's are progressing.

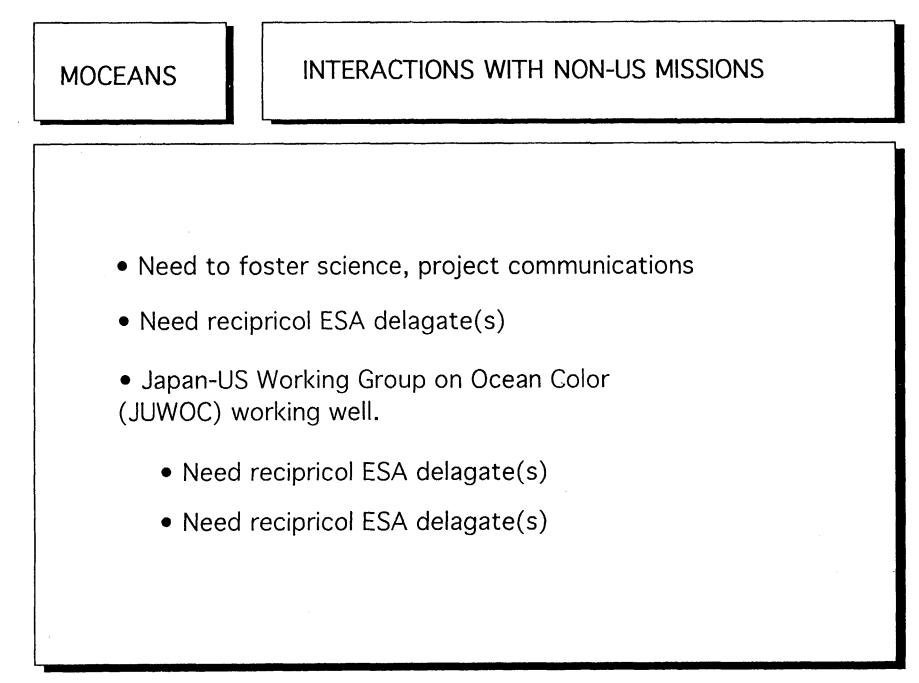
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Calibration Issues

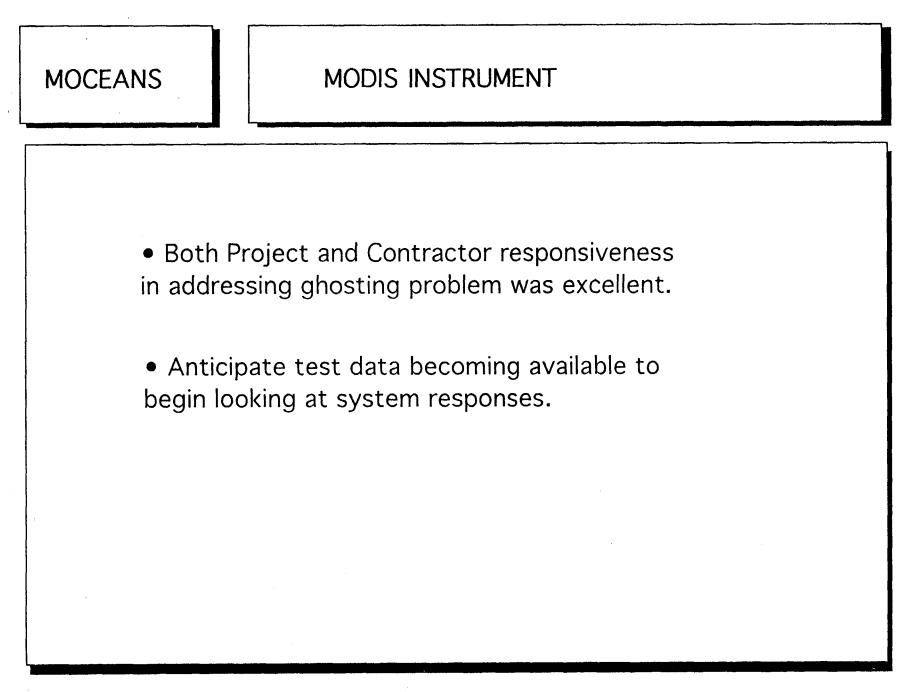
- MCST, EOS Cal., should pick up more functions
- Lunar radiance studies need to begin in '94
- Role of MCST in Round-robin calibrations with other agencies, countries
- Role in maintaining reference between SeaWiFS, MODIS, OCTS, GLI, MERIS scale
- Role in reflectance based scales.

- ATBD Draft is very useful clarifies a complex process
- Ocean needs are basicly met with Level 1a.
- 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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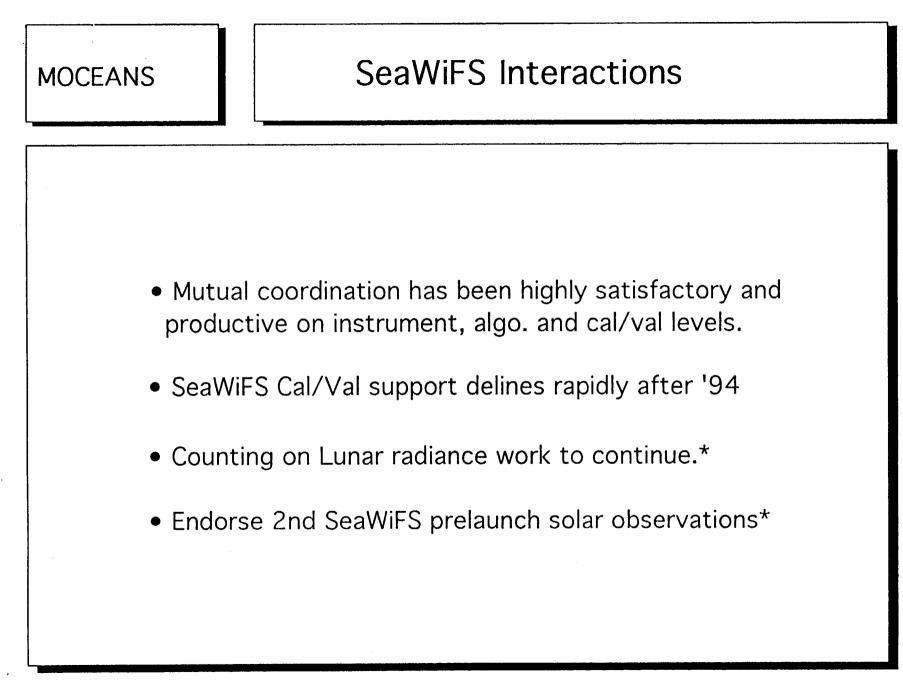
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Q/A REQUIREMENTS

• Most data requirements have been provided.

• Inter-SCF networking requirements need to be examined (? CO-3 level ?)





MOCEANS OCTS Interactions • Excellent coordination SeaWiFS-OCTS teams • Agreements on data, software exchange, Cal/Val interactons • 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