

MOCEAN REPORT

November 17, 1995

Bright Target Effects

Good definitions and excellent characterization has been done.

Importance of measuring PSF for PFM is recognized.

Essential that analysis and impact of PSF measurements be performed.

This will include crosstalk for along-track.

Can't put our heads in the sand, yet we should not commit to completely correcting all effects at launch.

Suggest as a goal to have a simple approach for correction defined at launch, as a research product. - implies that there be a switch in the 1-B algorithm.

Not too difficult. KISS principle.

1. Estimate cloud radiances for sat channels
2. Deconvolve PSF for reasonable kernel, making spatial estimates.

MCST Advisory Group - Meet following last audit.

Third week in January - Jan 18 or 19.

Esaias, Menzel, Vermote, Gordon, (Minnett), Justice (land rep), Slater.

NTM - Have initial comments on rough draft have been provided to Murphy.

Validation Plan

Members to have 2 page summaries to Esaias by 1 December.

Convolve with SIMBIOS approach.

MOCEAN discussed need for NASA funded focus cruises for team members.

Will likely to target dust region off NW Africa in spring, 1999.

This is in addition to MOBY servicing cruises, MOCE initialization.

Collaboration with other ocean field programs will continue.

IR looks for cruises of opportunity in wide range of climatic regimes.

MOCEAN REPORT (cont.)

Budgets

Primary input is correct to first order.

Confirmed priority for MOBY, MOCE effort.

Several unknowns

SIMBIO funding

SeaWiFS outcome

Brown checking on NOAA sst drifters, M-AERI procurement status.

Simulated Data

Agreement has been reached for an acceptable approach and time-table.

Algorithm code delivery schedule

All MOCEAN elements are in Evans' computer.

Are working toward an early delivery (3 mos) of V1.

This avoids pot. conflict with SeaWiFS launch.

Minimizes major direction changes from EOSDIS.

GLI RA

Great benefit seen to close coordination of MOCEAN and GLI

Joint proposal with Abbott as lead - inputs to him by Dec 1.