

# Progress of IOCCG Operational Ocean Colour Working Group

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National Oceanic & Atmospheric Administration

10<sup>th</sup> IOCCG Committee Meeting

19-21 January 2005

Margarita Island, Venezuela

# Membership

- C. Brown (NOAA; Chair)
- I. Asanuma (Jamstec)
- N. Hoepffner (JRC)
- J. Marra (LDEO)
- F. Shillington (U. Cape Town)
- T. Tanaka (NASDA)
- Others have participated

# Goals of Working Group

- Promote the use of NRT ocean color products;
- Facilitate the exchange of ocean color applications; and
- Assist in the exchange of ideas and approaches among agencies that currently possess or will establish an operational ocean color mission.
- Write “Why Ocean Color” report

# Status of Report

- Plan of Action Submitted Feb 2004
  - Specific instructions to authors
  - Deadlines
  - Time Table

# Time Table for Report

<b>Dates</b>	<b>Activity</b>
February 23, 2004	Information to potential contributors
April 1, 2004	Contributors selected, their contributions confirmed / assigned and schedule established
August 1, 2004	Contributions due
October 1, 2004	Draft of report complete and submitted to IOCCG members for review
November 1, 2004	Comments of report due
December 31, 2004	Final draft of report complete

# Status of Report – Con't.

- Several Contributions Received
  - I. Asanuma, N. Hoffner, M. Lynch, R. Murtugudde, S. Nayak, T. Platt, C. Wilson
- Awaiting Others
  - I. Robinson, F. Shillington
- Compilation of information initiated
- Report not complete – behind schedule

# Status of Report – Con't.

- I apologize for the delay in the report's publication
- Request one more chance
- Difference with previous years:  
Submission of draft report
  - Included in my NOAA performance plan:  
*Due: June 30, 2005*
  - Division level milestone

# Proposed New Time Table

<b>Dates</b>	<b>Activity</b>
February 1, 2005	Updated information sent to contributors
April 29, 2005	Remaining contributions due
June 30, 2005	Draft of report complete and submitted to working group members for review
September, 2005	Workshop convened to finalize draft
October 31, 2005	Final draft of report complete and sent to all IOCCG members for review
November 30, 2005	Comments of report due
December 18, 2005	Final report complete and sent to IOCCG for publication

# IOCCG Actions

- Approve
  - extension
  - modified time table
  - funding for workshop

# Operational Ocean Color

## Definition:

*Providing useful data products and information derived from satellite ocean colour sensors on a continued basis for its use in routine applications related to resources, environment and climate studies by local, state and federal governments, commercial entities, academic institutes, non-governmental agencies and public at large.*

# Components of Operational Ocean Color

- Sensor Calibration
- Data Acquisition
- Image Processing
- Product Development
- Product Verification
- Product Distribution
- Application
- User Feedback
- Archive

# Attributes of Operational Ocean Color

- Real-time remotely sensed and *in-situ* data
- Quality control of observational data sets and models
- Real-time dissemination of information
- User feedback mechanisms
- Archival of observations and model output
- Diverse basic and applied research enterprise
- Highly trained and educated workforce

*Basic Framework drawn from meteorological analogue*