

2002 RVTEC Meeting

UNOLS Activities and Committee Reports



November 12-14, 2002
Honolulu, Hawaii



UNOLS - 2002 Membership Votes

- **2002 Election Results**
 - Tim Cowles (OSU) – UNOLS Chair
 - Peter Wiebe (WHOI) – Chair-Elect
 - Bob Knox (SIO) – Immediate Past Chair
- **UNOLS has approved designation of the Center for Interdisciplinary Remotely-Piloted Aircraft Studies (CIRPAS) as a National Oceanographic Aircraft Facility**
- **UNOLS has approve the establishment of a “Scientific Committee for Oceanographic Aircraft Research” (SCOAR) - standing committee**
 - Committee is being formed, Carl A. Friehe (Chair).
 - First meeting is currently being scheduled

UNOLS Activities and Areas of Interest

- **Fleet Renewal:** Implementation of FOFC Long Range Fleet Plan
- **Continuous Quality Improvement**
- **Fleet Security**

Continuous Quality Improvements

- **Feedback from Users and Operators (new PCA process)**
- **Safety & Security Awareness and improvement**
 - Enhance Security awareness and preparedness
 - Safety Standards
 - ISM Implementation
- **Improvements to equipment, services and procedures**

Enhance Security awareness and preparedness

- Improve security and safety training and preparation for safe and secure operation of research vessels.
- Ensure operators are aware of security issues and information through circulation of security reports from Office of Naval Intelligence and other sources by email and on the security section of the UNOLS web.
- Support the RVOC security committee in developing methods for improving security preparedness.
- Include security issues in scheduling and cruise planning.

RVOC Meeting October 15-17, 2002

MLML & MBARI

- Committee, Agency, and special reports
- Joint RVOC/RVTEC Meeting Survey
- Research Vessel Updates
- Insurance and Liability – Dennis Nixon
- Brief Updates/Reports on:
 - PCAs,
 - Winch and Wire Update,
 - Salary Surveys (Large and Intermediate Ships),
 - Safety Stats,
 - Stability program,
 - Group Purchase Update
 - Van Standards and Inventory

RVOOC – Major Agenda Items

- Fleet Renewal/ SMRs - Mike Prince
- Security – Dan Schwartz
- ISM – Class I/II Operators
 - Status of implementations
 - Efforts to standardize
 - Discussion on voluntary compliance
- Isotopes on UNOLS Vessels – Woody Sutherland
- Medical Standards for Scientists using UNOLS Vessels – T.J. Edwards

RVOC Roundtable - Marine Superintendents

- Ship Inspection Program
- ISM
- Medical Standards for Scientists
- Quality of Service
- Proposal Sharing
- Business Meeting

Other Activities – RVSS Update Ready for approval
by 2003

Fleet Improvement Committee

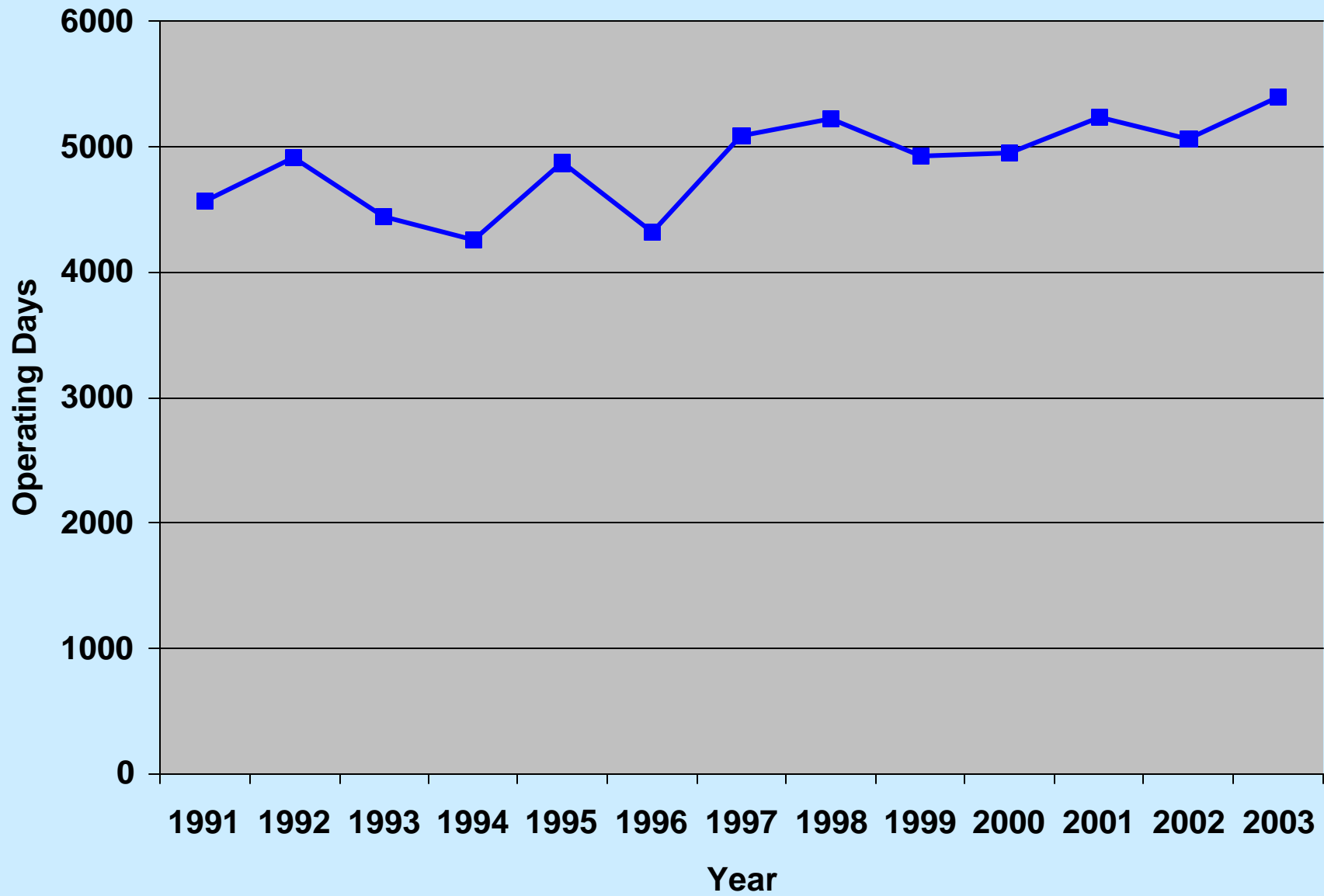
Fleet Renewal Activities:

- Science Mission Requirements are drafted and available on-line for Ocean and Regional Class vessels
- Conceptual Designs:
 - UNOLS Letter sent to agencies with suggestions regarding the design process
 - Encouraging Agencies to proceed with Conceptual designs for both Regional and Ocean Class Vessels.
- FOFC Plan:
 - FOFC Fleet Plan does not adequately address facility needs of Observatories – this issue will need to be addressed.
 - Navy will provide report to Congress in 2/03

Observatory Facility Needs

- The fleet currently booked at capacity (100+ ship days deferred to 2004)
- Use has increased steadily for the past 10 years
- Observatories will create new demand for ships
- The FOFC plan and UNOLS considerations have not included Observatory demands
- Observatories could spin up faster than ships can be built.
- A shortage could be envisioned
- Contract ships could take some of the slack (maintenance) but not all of it.

Fleet Utilization (1991-2003)



Other FIC Activities

- ARR V Design Review
- CAPE HENLOPEN Replacement Design Review
- KILO MOANA Cruise Debriefs
- FIC is very busy

The First Ocean Class Vessel Enters the UNOLS Fleet



R/V KILO MOANA

Ship Scheduling

- The 2003 schedules are very full, with 100-150 ship days deferred until 2004.
- Through a lot of hard work with PIs, agency program managers and schedules – the schedules came together.
- The scheduling challenges from last year were repeated:
 - - ROV scheduling logistics
 - - Multiple ship operations
 - - Weather windows
- Large ships and small ships are fully utilized.

DEep Submergence Science Committee (DESSC)

- Jason II has been successfully field tested and has entered service
- DESSC Meeting – December 5th, San Francisco
 - 2002 Science Reports from users
 - NDSF Operator's Report
 - Other Facility Operator Reports (HBOI, MBARI, MPL, HURL, ROPOS)

DESSC - Continued

- 6500 meter Submersible – design status and discussion
- Long Range Expeditionary Planning
- Future Deep Submersible Facility Needs
 - Including Ocean Floor Observatories
- Shallow-water Submergence Science Report
- Public Outreach and Education Activities

RVTEC Role

- RVTEC Input is needed in many of the UNOLS On-going Activities:
 - Fleet Renewal
 - Continuing Quality Improvement
 - PCA Process
 - Defining Levels of Technical Services
 - ISM and Safety

Stay Engaged