

# UNOLS

## 2003-2004 Highlights

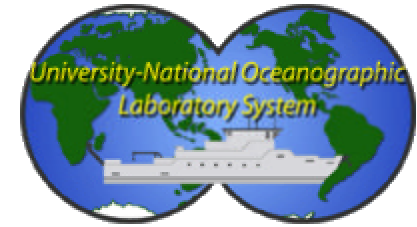


## Fleet Renewal

FIC has had a busy year!

Regional Class SMR prioritization for NSF

Fleet retirement assessment and SLEP  
estimates

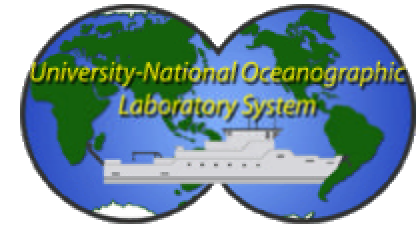


## Observatory Assessment

UNOLS report (Alan Chave, Chair):

### ***Ocean observatories facilities needs***

Observatory installation, operation and maintenance will require **significant** vessel and ROV use



## Deep Submergence

Community input to NSF on Alvin replacement  
and Hybrid ROV development

National Deep Submergence Facility training  
session in Portland, January 2004

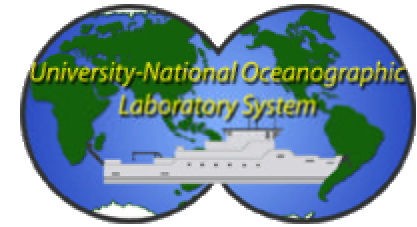


## Arctic Icebreaker Coordination

Continuing coordination with USCG

POLAR Class SLEP planning

Healy operations



## Aircraft for Oceanography

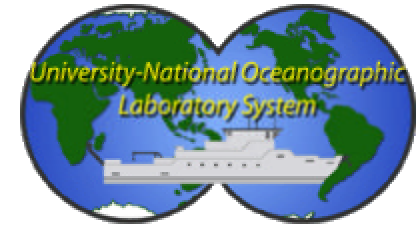
Scientific Committee for Oceanographic  
Aircraft Research (SCOAR)

developing procedures and criteria for  
broader use and accessibility of aircraft



## Vessel Scheduling

UNOLS SSC resolved complex scheduling issues created by budget situation



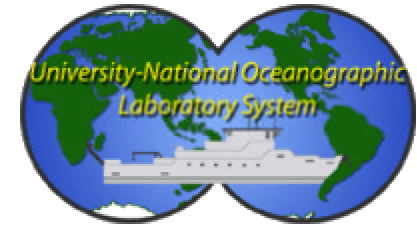
## Quality Improvement

Post-cruise assessment process

Kilo Moana: PI debrief after each cruise

Application of "best practices" through  
RVTEC and RVOOC





## Community Engagement/Outreach

MTS article on Fleet Renewal

EOS article on aircraft for oceanography  
(SCOAR)

New web site, web conferencing



## Continuing Issues

Effective assessment of science demand for facilities

Marine mammals/acoustics/scheduling

Ship security plans

Support for recommendations of the U.S. Commission on Oceans Policy report

Frequency spectrum management and ocean observatories

