

Status of NSF Fleet Renewal and Other Activities



DESSC
May 24-25, 2006

Administrative Changes

New Additions:

Division Director:

- Dr. Julie Morris

Environmental Officer

- *William Lang, Program Director*

Marine Geology and Geophysics Program

- *Howard Spero, Associate Program Director*

Biological Oceanography Program

- *Mary-Elena Carr, Associate Program Director*

Physical Oceanography Program

- *Elise Ralph, Associate Program Director*

Sea Grant Fellow

- *Li Zhang*

Retirements:

- MGS Section Head: Dr. Bruce Malfait

Welcome



Dr. Julie Morris



Dr. Bruce Malfait

Farewell

Status of NSF Fleet Renewal Activities

	MARCH 2004	MAY 2006
ARRV	Approved MREFC funding in a future NSF budget.	DEC 2004, design completed. Funds requested, FY 2007 Budget. JUL 2006 Operator solicitation.
RCRV	NSF proposes to take the lead in construction of 3 ships advocated in the 2001 FOFC plan.	AUG 2004, NSF signed MOA with NAVSEA. APR 2006, two design competition contracts selected. SEP 2006 Operator solicitation
LANGSETH	Proposal submitted to acquire a 3-D seismic industry vessel.	R/V <i>Ewing</i> retired. R/V <i>Langseth</i> acquired and in shipyard for modifications.
HOV	Proposal submitted to design and build a replacement for the DSV <i>Alvin</i> .	Project in 3rd Year of a 6 year design and build process.

Alaska Region Research Vessel (ARRV)



R/V Alpha Helix



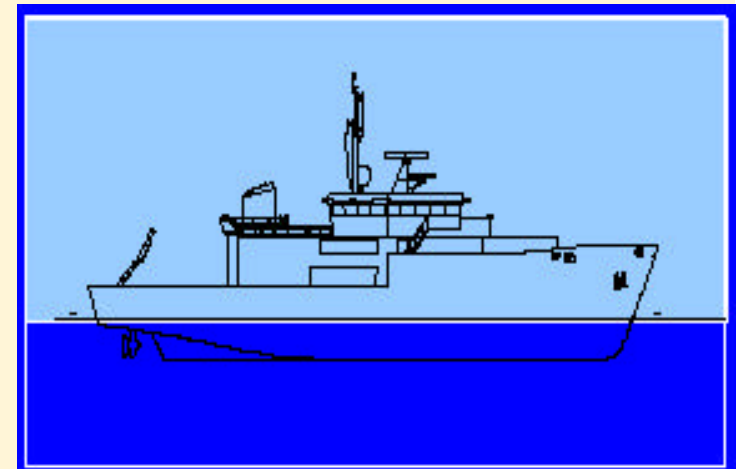
ARRV

Timeline for ARRV Acquisition

- JUL 2006 - Competitive solicitation to be issued for Cooperative Agreement for construction and operation
- SEP – NOV 2006 - Proposals reviewed
- JAN 2007 - NSB approval sought to award Cooperative Agreement for construction (\$98M) and operation of ARRV

Regional Class Research Vessels (RCRV)

- Early FY 2007: Board Approval will be sought for expenditure of R&RA funds not to exceed \$15 million in any one year over six years.
- Ship Acquisition and Operator Selection Timeline:
 - Phase I:**
 - October 2005 – NSF/NAVSEA signed Acquisition Strategy MOA
 - April 2006 – Two design teams selected:
 - Nichols Brothers' Boat Builders/Glosten & Associates
 - Dakota Creek Industries, Inc./Guido Perla & Associates
 - Fall 2006 – NSF issues solicitation for Operator of first ship
 - Spring 2007 – NSF selects Ship Operator
 - Phase II:**
 - May 2007 - Select winning design/contract
 - June 2007 – 2013: Consecutive 3-ship construction/outfitting



R/V LANGSETH

- Seismic vessel purchased August 2004 (\$6.2M), renamed the R/V MARCUS LANGSETH
- R/V MAURICE EWING sold September 2005 (\$5.5M)
- Conversion Oversight Committee active in modification designs
- UNOLS Science Oversight Committee formed
- Vessel currently in shipyard for modifications
- Seismic science equipment purchased (\$6.0M)
- Vessel anticipated to be in service late 2006
- Budget:
 - FY2004 - \$6.2M
 - FY2005 - \$8.0M
 - FY2006 - @\$2.0M (Final Payment)

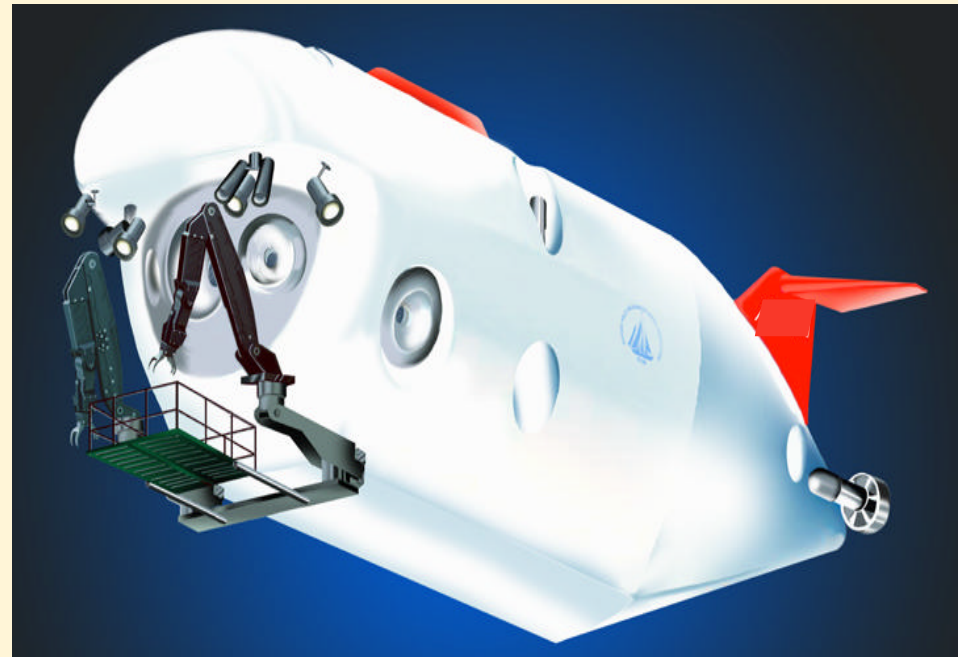




HOV Replacement

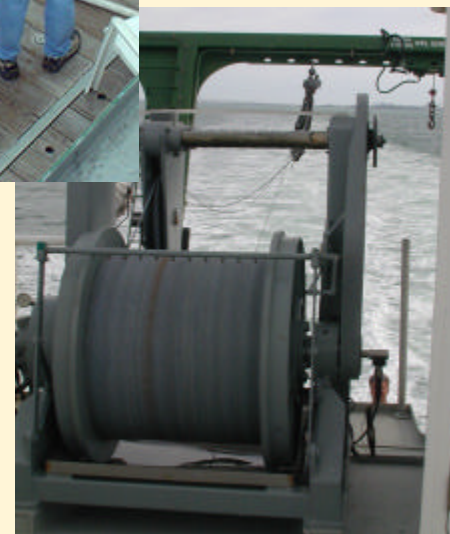
Phased Development Approach

- **Phase I** (in progress):
 - Oversight Committee established and active in design process
 - Contract finalized (October 2005) between WHOI and Southwest Research Institute (SwRI) for the design of the **personnel sphere**
 - Solicitation for **vehicle** released
- **Phase II**
(*dependent on Successful Phase I*):
 - Vehicle construction to be completed by 2009



Other Activities

- UNOLS Office New 3-Year Cooperative Agreement
- UNOLS Wire Pool (WHOI Award)
 - Testing
 - Inventory of Issues
- Load Handling System
- NSF Ship Inspections
 - Contract Awarded
 - Inspections to start in June
 - Web-based Ship Condition Form
- SSSE Group Purchases



FOFC Fleet Renewal Plan

