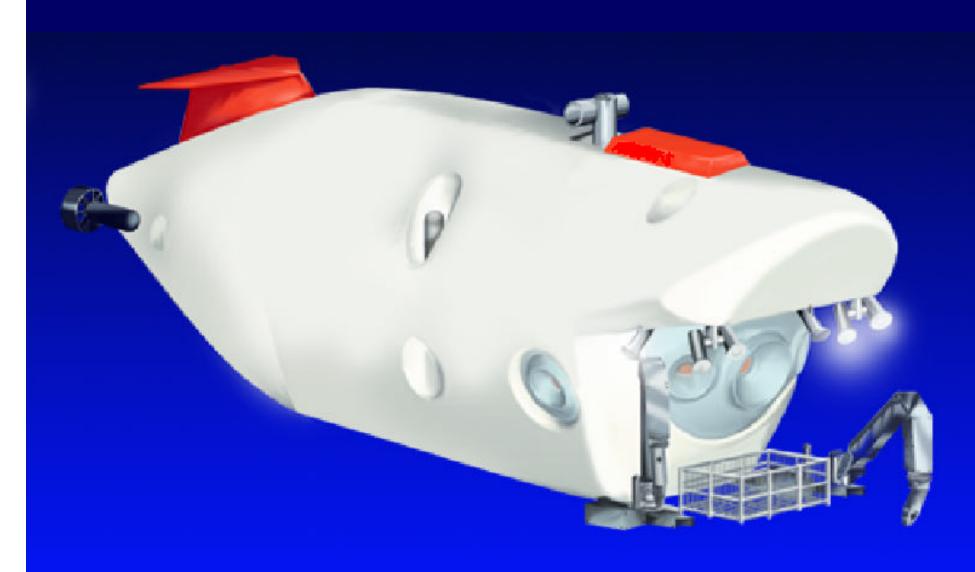
# **Replacement HOV Project Status**



## **Project History & Current Status**

#### Replacement HOV

- 2003 National Research Council completes study:
  "Future Needs in Deep Submergence Science"
- 2004
  - Proposal for Replacement HOV submitted to NSF
  - Proposal completes peer review
  - July: Replacement HOV Oversight Committee (RHOC) established and holds first meeting
  - August: NSF Cooperative Agreement completed and Phase I funding awarded
  - December: Request for Proposal for Personnel Sphere design and fabrication in review











# Replacement HOV Oversight Committee (RHOC)

### **Composition – representatives from:**

- Science community
- Submersible vehicle operators
- Submersible industry
- U.S. Navy Naval Sea Systems Command (NAVSEA)

### Charge

- Obtain community input and advice
- Provide advice on design and budget priorities
- Reports to National Science Foundation









### Replacement HOV Oversight Committee (RHOC) Members

- Karen Von Damm (Chair), University of New Hampshire
- Keir Becker, University of Miami
- Cindy Van Dover, The College of William and Mary
- Terry Kirby, Hawaii Undersea Research Laboratory (HURL), University of Hawaii
- Ed Mellinger, Monterey Bay Aquarium and Research Institute (MBARI)
- William Kohnen, SEAmagine Hydrospace Corporation
- John Leadmon, NAVSEA
- Matt McBride, NAVSEA
- Rick Thiel, NAVSEA









# **More Information and Community Input**

### **Replacement HOV**

### http://www.unols.org/committees/dessc/new\_HOV/replacement\_hov.html

- Video
- Specifications
- Schedule
- Various background documents
- Press releases
- Photo gallery
- Provision for on-line comments and feedback









### **Phased Approach**

### Replacement HOV

To address areas of higher risk, the project has been broken into two phases.

#### **Phase One**

- Design and forging of personnel sphere
- Feasibility testing for prospective energy system
- Qualification testing for syntactic buoyancy foam

#### **Phase Two**

- Completion of personnel sphere
- Design and fabrication of remaining vehicle









