# Update on the activities of the Deep Submergence Science Committee (DESSC)

March 2013







### **DeSSC Activities:**

1) Data management and archiving

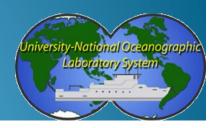
DESSC ad hoc committee is examining the issue

### 2) Enhanced internet access on board global ships

- may be a cost-effective means of data analyses while at sea
- Telepresence Education and Outreach

#### 3) Outreach

- Continuing early career program; partnering with FIC DESSC webinar
- ECS Workshops at Large Science Conferences
- **4) DESSC coordination with OOSC**How do we facilitate conversation?



### **HOV Alvin upgrade**

- Certification uderway
- A frame modifications
- HOV Alvin is slated for Sea trails in spring 2013
- Science Verification Cruise (SVC)



Old and new sphere, side by side. Note different viewport layout



**HOV Alvin returns home** 

### **HOV Alvin: Science Verification Cruise**

### Objectives:

- Provide assessment of vehicle capabilities before resuming regular operations (24 PI applications)
- Engage early career scientists in this activity (over 60 applications!)
- Use the SVC as a catalyst for engaging the broadest possible community in HOV Alvin use (e.g. proposal requests)



Alvin sphere mockup allowed users to provide feedback on ergonomics



HOV Alvin will be assessed by experienced and new users during a 2.5 week expedition in 2013

# DeSSC Early Career Scientist Workshop - December 1, 2012

- Introduction to UNOLS, DeSSC, and the Ship Time Request System - Annette DeSilva
- Overview of the National Deep Submergence Facility – Chris German
- Tips on Applying for Funding Peter Girguis
- NSF's EarthCube Program Barbara Ransom

**Breakout sessions** 

Dinner – Featured speaker – Cindy Van Dover



















