

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

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