

Welcome to DeSSC meeting  
2018

# DeSSC Membership

## Current members

Amanda Demopoulos (*USGS*)

Dave Emerson (*Bigelow*)

Brian Glazer (*Univ. Hawaii*)

Anna-Louise Reysenbach, Chair (*Portland State U*)

Andrew Thurber (*OSU*)

Cindy Van Dover (*Duke*)

Scott White (*Univ, SC*)

Peter Girguis, (*ex-officio, Harvard*)

Rob Munier (*ex-officio, WHOI*)

Tim Shank (*ex-officio, WHOI*)

Adam Soule (*ex-officio, WHOI*)

Acting Vice Chair (Emerson)

Nominations being sought for THREE new member

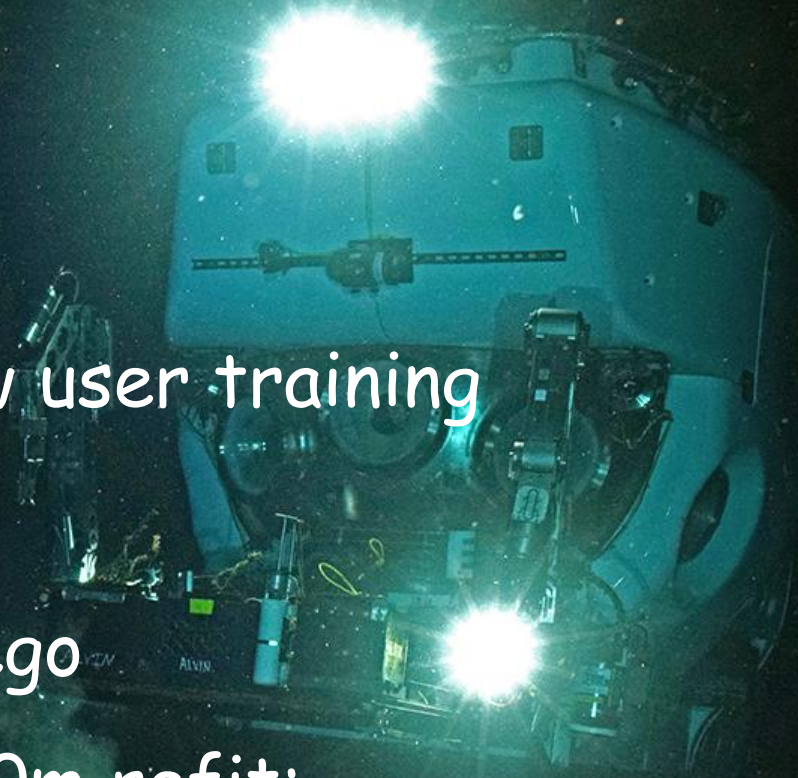


# ROV Jason

- Single body operation - developments
  - ROV Engineering Workshop - national & international participation.
  - Resolution of issues around cable torque
- OOI cabled array work (June-Aug) using single body operation (aboard *Melville*)
  - Goals accomplished, 58 dives, 95 instruments/platforms installed or turned, 24 undergrad and grad students involved
- Continued updates to control van; new 4K camera; total overhaul of Virtual Van in progress.

# HOV Alvin

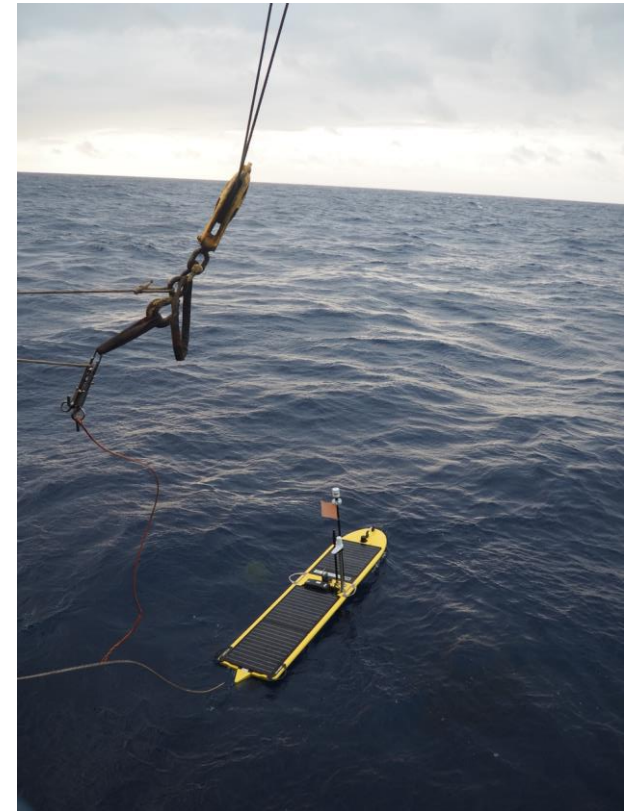
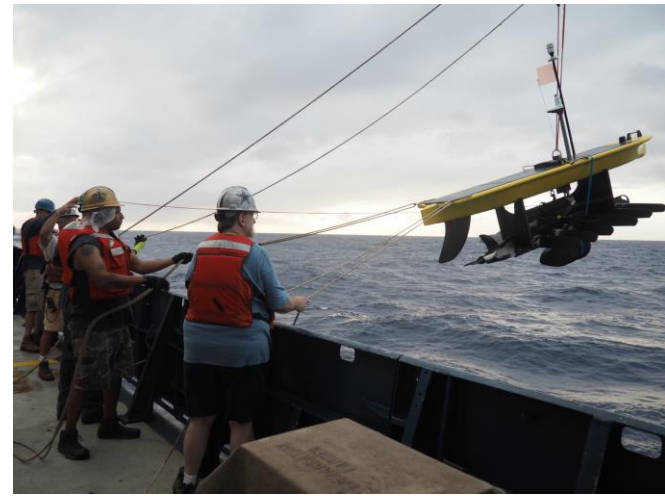
- Gregg- EPR , UNOLS-ECS new user training cruise
- Dec 22 Open house in San Diego
- \* NSF funding secured for 6500m refit; hardware modifications to be done during Atlantis midlife.





# AUV Sentry

- Installed new software operating system, no glitches
- Successfully tested use of Waveglider that will allow 'far from ship' ops with other vehicles in the water.
- Evaluation of new multi-beam system for *Sentry* with option for a 'fly-away' system for *Alvin & Jason*.



# Vehicle Highlights Overview

- AUV Sentry completed its **500th** dive on October 16th this year.
- HOV Alvin will had its **5000th** dive in this year.
- ROV Jason has now logged more than **1100** dives.



# Other activities:

- New User meeting
- New NDSF website <http://www.who.edu/>
- Plan for EOS Alvin capability paper, prep community for Alvin coming out of rebuild.
- Planning development of a "Guide to taking good images/video"
- Early Career Scientist EPR cruise w/HOV Alvin
  - Series of preparation Webinars
- <https://www.facebook.com/UNOLSCSW/> Blog
- <http://csw.unols.org>
  - Plans for more training next year
- Special sessions at AGU
  - Linked to the early career EPR cruise at AGU