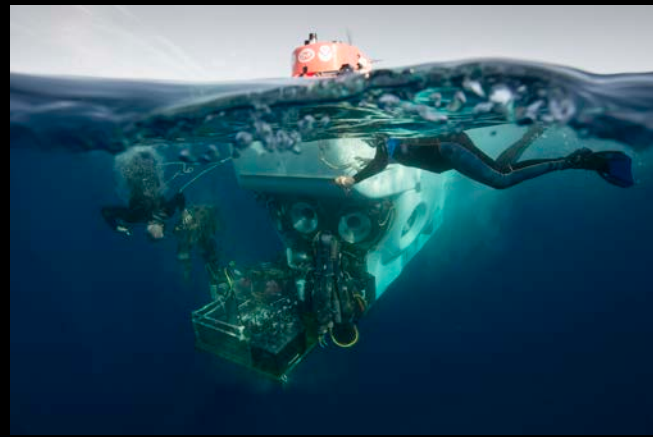




DeSSC update

UNOLS Council meeting 2015

*by
Pete Girguis
and
Annette deSilva*



DeSSC membership

Amanda Demopoulos

David Emerson

Vicki Ferrini

Peter Girguis, Chair (2nd term)

Breea Govenar (stepped off)

Nick Hayman

Laura Lapham

George Luther (rotating off)

John Wiltshire

Tim Shank (ex-officio)

Chris German (ex-officio)

Rob Munier (ex-officio)



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Rob Munier (ex-officio)

committee composition

3 early-career scientists

3 mid-career scientists

3 senior scientists

3 female, 5 male

new DeSSC members

Cindy Van Dover

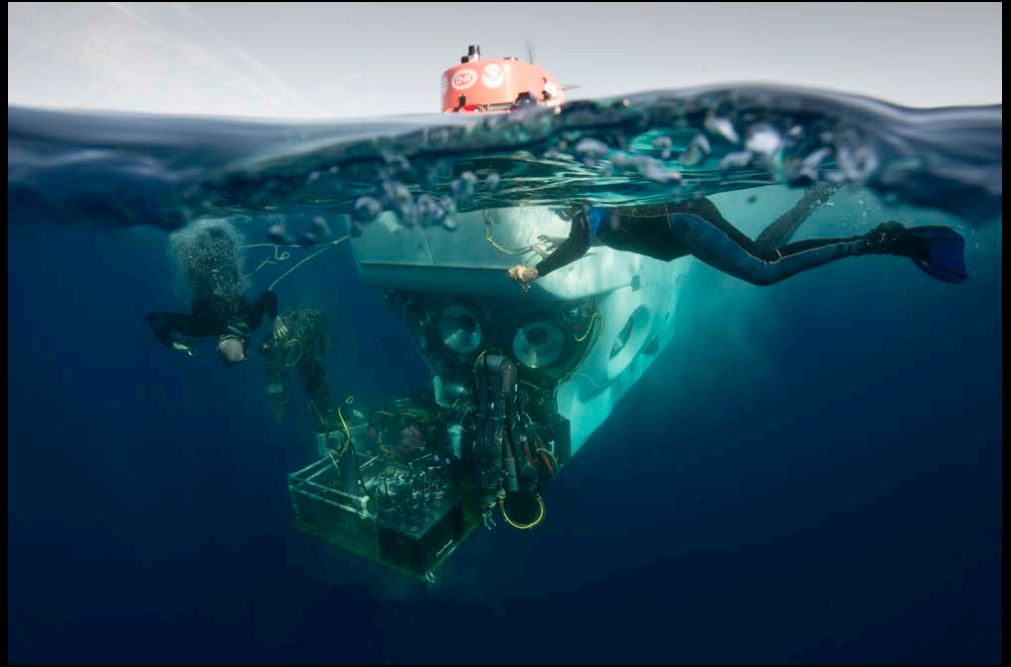
- *Professor, Duke University*
- *Represents biological sciences*
- *Former Alvin pilot, DeSSC member*

A second position remains open

- *Looking for someone to represent geochemistry*
- *Looking to maintain gender balance, career stage*
- *Call for nominations will go out in January 2016*

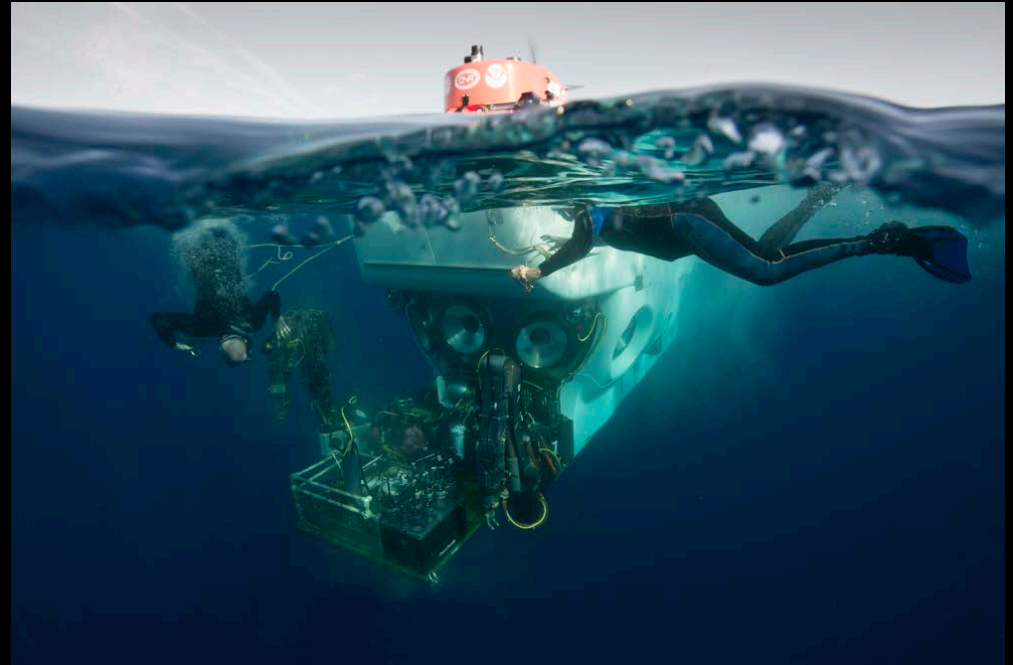


Vehicle updates



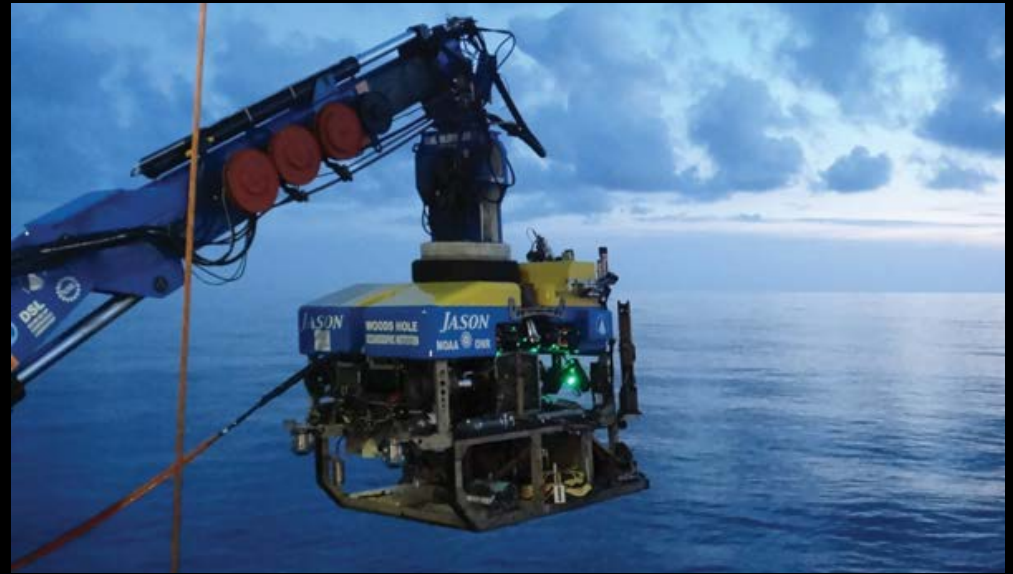
HOV Alvin

- Sub is operating very well.
- VERY LIGHT schedule this year
- Next year looks much better.
- Decreased # of global class vessels may have adversely impacted *Alvin* schedule this year.
- Conducted “advanced” user workshop while the sub is at WHOI



ROV JASON

- new ROV launch and recovery system = improved safety, efficiency
- There was one bad recovery (wireline nearly severed)
- WHOI and other operators are working to improve communications, coordination
- ROV JASON has been updated to better service the ocean observing systems



AUV SENTRY

- Sentry continues to work well
- Busy schedule
- Some ongoing upgrades will improve battery life; performance; user experience
- All in all *Sentry* has turned out to be a very popular and robust vehicle.

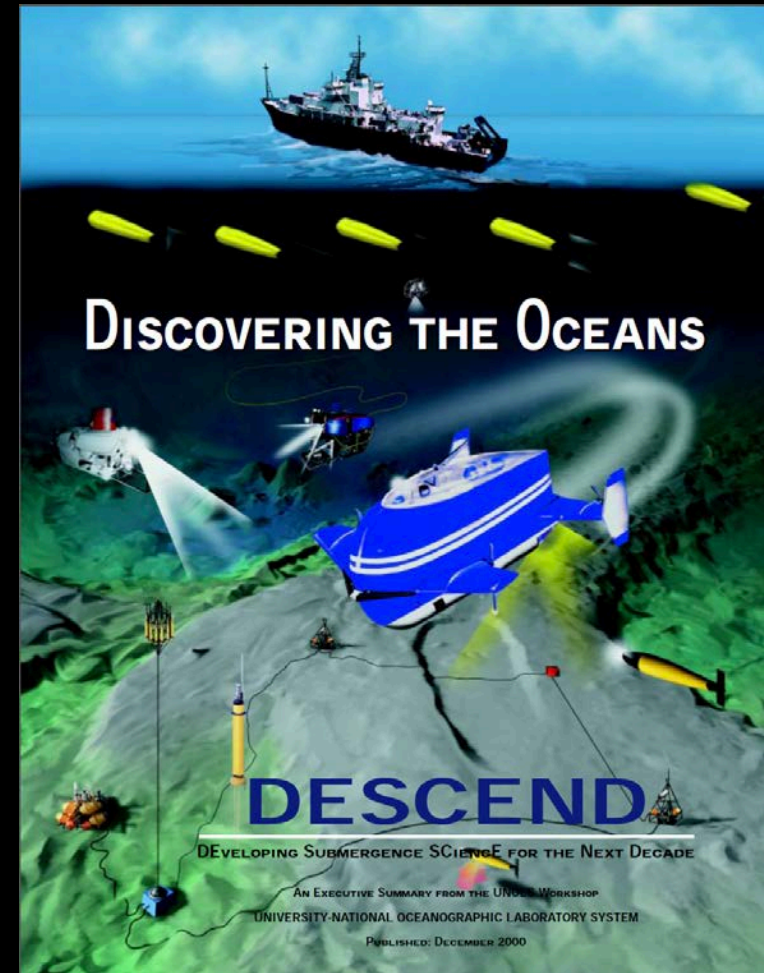


DeSSC: *Engaging new users*

- New User Program continues to be strong, with ~30 applicants each year
- We are gathering data from the participants; will report on at next Council meeting
- Alvin “advanced” workshop was also well-regarded; 80% of the participants are submitting proposals for Feb 2016
- We are working on an NDSF “Chief Sci” cruise for 2016/2017

DESCEND2 workshop

- Jan 14-15, 2016
- Identify critical questions and the technologies necessary to address them.
- ~80 participants
 - Still time to sign up (see Annette!)
- Report to be provided to NSF and the public
- website will soon be posted on the UNOLS DeSSC webpage



1999 DESCEND workshop report