

DeSSC report June 20, 2018 UNOLS Council Meeting

- DeSSC membership update
- NDSF vehicle updates
- Other activities



DeSSC membership

Current members

Craig Dawe (*MBARI*)--- resigned

Amanda Demopoulos (*USGS*)

Dave Emerson (*Bigelow*)

Brian Glazer (*Univ. Hawaii*)

Nick Hayman (*UTIG*)

Laura Lapham (*Univ. Maryland*)---- resigned

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*)

Changes to Terms of Reference- Vice Chair

Jason

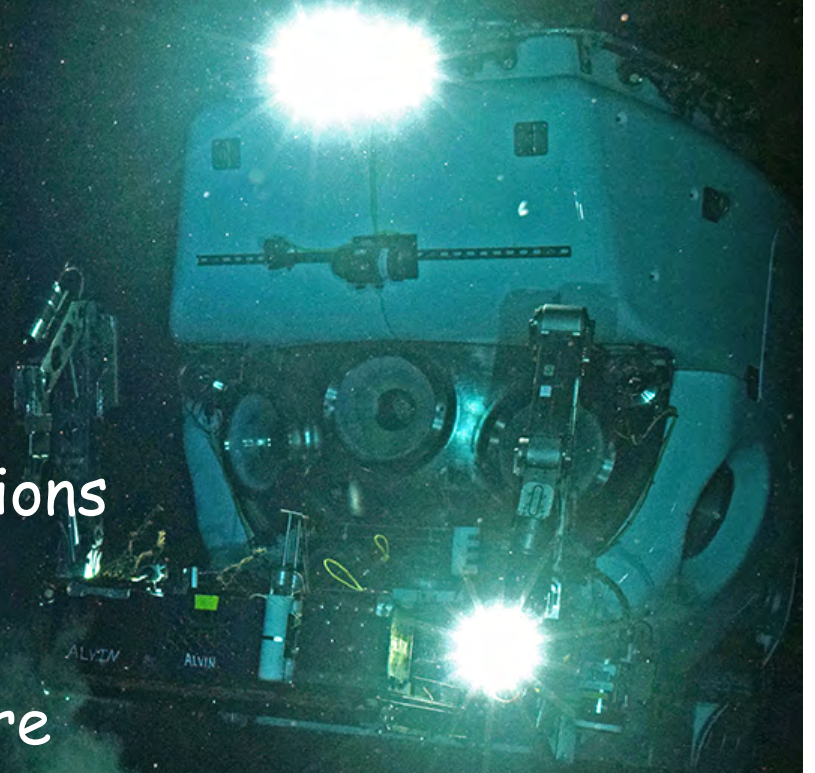
- Humphris cruise
 - Thompson dirty power issue
 - accomplished goals even with weather days and generator pickup
- This June start cabled array work
- Single body operation
 - Workshop
 - Engineering dive



Alvin and Sentry

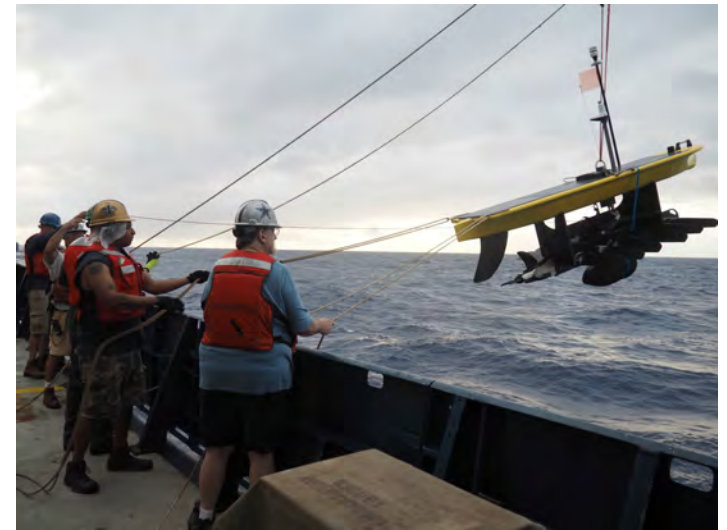
- Alvin and Sentry on MAR, 14 N
- 18 dives, marginal weather conditions
- NO LOSS of dives

Reason? Engineering leg before



Sentry

- Installed new operating system, no glitches
- Worked with Alvin- 36 hr dive (2 nights, 1.5 X more mapping)
- Also used Waveglider- autonomous surface vehicle to help
- Continues to be an excellent tool especially in conjunction with other vehicles



Courtesy Adam Soule, Copyright WHOI

Other activities:

- DeSSC Dec 2017 and New User meeting
 - Breakout sessions
 - 42 applicants to new user- see Annettes presentation for details
- Telepresence white paper
- Early Career Scientist EPR cruise
 - 59 applications!
 - 13 shortlist
- Special session at AGU
 - "Investigating Mid-Ocean-Ridge Processes with Deep Submergence" Technologies
 - Linked to the early career EPR cruise
- AGU, New users call and prep
- Thanks!