

UNOLS Year in Review: November 2017 to November 2018

**UNOLS Annual Meeting
Alexandria, VA
November 1-2, 2018**





UNOLS Year in Review: *Fleet Modernization Efforts*

- Mid-Life Refit of Global Ships:
 - R/V *Thompson* mid-life is complete and the ship is supporting science.
 - R/V *Revelle* mid-life will begin in 2019. R/V *Atlantis* to follow in 2020.
- U. Washington's new vessel, R/V *Rachel Carson* began operations in April 2019

Thompson photo (midlife refit complete) from Doug Russell





UNOLS Year in Review: *Fleet Modernization Efforts (continued)*

- Regional Class Research Vessels:
 - R/V *Taani* Keel Laying Ceremony in November.
 - URI with consortium partners (WHOI & UNH) along with 13 associate members selected to operate second RCRV



R/V *Taani* Credit: Demian Bailey/OSU



URI Ship Rendering: c/o University of Rhode Island



UNOLS Year in Review: *Fleet Operations in 2018*

- 2018 Fleet Utilization: 18 ships in service with 3316 Operating Days
- Continued operations supporting oceanographic research global, regional, coastal, high latitude research programs.
- Continued support of time-series and ocean observatories (BATS, HOTS, ACO, OOI)
- Science operations including specialized facilities including 3-D Seismics, *Alvin*, *Jason*, and *Sentry*.
- Highlight - Multi-ship operations to support EXPORT program



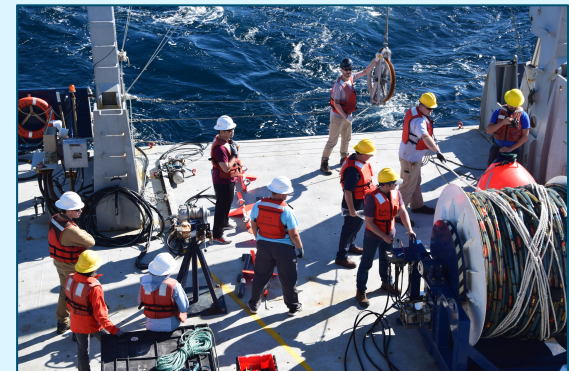
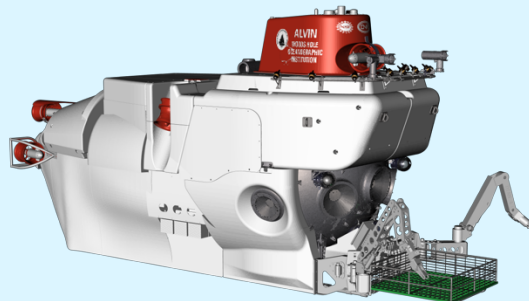
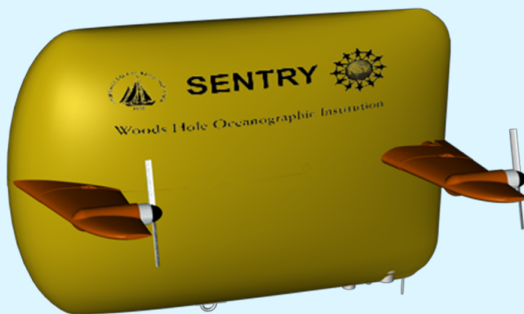
Photos by Scripps Institution of Oceanography



UNOLS Year in Review:

Early Career Opportunities Continue

- STEM-SEAS use of transits on UNOLS ships continues
- UNOLS/NSF Early Career Scientist expedition on R/V *Atlantis* using *Alvin/Sentry*
- DESSC New User Workshop – December 2018 – Washington DC





UNOLS Year in Review: *UNOLS Workshops and Events*

Green Boats & Ports IV Workshop

- Hosted by OSU in Portland, OR, August 2018.



IRSO 2018 - Barcelona, Spain

- UNOLS provides assistance with IRSO agenda and attends meeting



Photo by Raquel Casas Munoz



UNOLS Year in Review:

UNOLS Workshops and Events

- 2018 INMARTECH Symposium – Hosted by WHOI and UNOLS – largest UNOLS Workshop to date

