



UNOLS News

Exciting updates from UNOLS & the Academic Research Fleet!

September 2019 - Volume 33, No. 2

Committee News

2019 DeSSC New User Program is Accepting Applications

The 2019 DeSSC New User Program is now accepting applications! Participate in a workshop tailored to engage new users of deep submergence science facilities, including students, early career scientists, engineers and scientists with little or no previous experience in deep-sea research. The workshop is scheduled for Saturday and Sunday, December 7-8, 2019 in San Francisco, CA (before the AGU Fall meeting). Applications for travel and lodging support are being accepted through Friday, September 27, 2019.

See the [2019 DeSSC New User Program Announcement](#) for details.

2019 DeSSC Call for Nominations

The UNOLS Deep Submergence Science Committee (DeSSC) is seeking nominations to fill one membership vacancy that will become open in the fall of 2019. The DESSC is the UNOLS Committee charged with providing oversight and advice to the National Deep Submergence Facility (NDSF) operator on matters concerning utilization, upgrades, and long-term planning of its vehicles (Alvin, Jason, and Sentry). The Committee strives to maintain awareness of the needs of the users for new sensors and equipment to address important scientific questions, and to provide this information to the NDSF operator and the federal agencies. Candidates should be experienced in the use of deep submergence vehicles. For further information see the [Call for Nominations Announcement](#).

OBSIC Oversight Sub-committee Stand-up

NSF has announced the transfer of oversight for the Ocean Bottom Seismometer Instrument Center (OBSIC) from IRIS to a new UNOLS operating subcommittee - the OBSIC Oversight Subcommittee or OBSIC-OS. This will be a new



Featured Photo

Participants of the 2019 Chief Scientist Training Cruise aboard the R/V KILO MOANA, June 2019. Photo Credit Matthew Church, Univ. of Hawaii



UPCOMING EVENTS

[2019 SCOAR Meeting](#)

September 12-13, 2019
Northeastern University
Boston, MA

[2019 RVTEC Meeting](#)

October 22-24, 2019
University of Alaska, Fairbanks
Fairbanks, AK

[2019 Fall FIC Meeting](#)

November 20, 2019
National Science Foundation
Alexandria, VA

[2019 Fall Council Meeting](#)

November 21, 2019
Hilton Alexandria Old Town
Alexandria, VA

Subcommittee (OBSIC-OS) is envisioned as a group of six to seven OBS experts, including a chair. The members should represent as diverse set of perspectives and expertise, including active source and broadband instruments, data management, connections to other community groups such as IRIS, as well as a mix of career stages and types of institutions. At least one member should also be a member of MSROC, to ensure information flow and coordination. The OBSIC-OS is expected to be established quickly with intentions of holding its first meeting this fall. Look for additional updates on the UNOLS Website.

RVTEC Registration Now Open

Registration for RVTEC opened on Aug 26th for the meeting in Fairbanks, Alaska October 22-24th. Friday October 25th will include an optional training opportunity for those interested. This year it will focus on Networking & Telecommunication Fundamentals presented by Jeff Whiteside, Senior Network Communication Specialist, University of Alaska. Details for the 2019 RVTEC Meeting including accommodations and a link to registration can be found on UNOLS.org. DEADLINE OCTOBER 1, 2019.

New Committee Members

All of our committees are staffed by volunteers and we are grateful for their contributions of time and experience. We'd like to extend a warm welcome to our newest committee members.

- Hannah Delapp / SIO - Ship Scheduling Committee (SSC)
- Kaya Johnson / OSU - Research Vessel Operators Committee (RVOC)
- Laurie Juranek / OSU - Arctic Icebreaker Coordinating Committee (AICC)
- Doug Baird / UAF - Arctic Icebreaker Coordinating Committee (AICC): RVOC Rep, ex-officio

A Very Big Thank You to Our Outgoing Committee Members

Thank you so much to the following individuals for their contributions to the UNOLS community.

- Liz Brenner / SIO - Ship Scheduling Committee (SSC)
- Fred Jones / OSU - Research Vessel Operators Committee (RVOC)
- Greg Cutter / ODU - Fleet Improvement Committee (FIC)

Fulton Alexandria Old Town
Alexandria, VA

[2020 RVOC Meeting](#)

April 28-30, 2020

University of Miami, School of Marine and Atmospheric Science (RSMAS)

Miami, FL



FROM THE EDITOR

Thank you to all who contributed information and articles for this issue of UNOLS News. Articles are always welcome and encouraged. Copy, links, and images can be submitted by e-mail to media@unols.org.

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Community Updates

Trusted CI Begins Engagement with the U.S. Academic Research Fleet

Trusted CI: The NSF Cybersecurity Center of Excellence began an engagement with the U.S. Academic Research Fleet in July 2019 in an effort to "establish a unified cyber infrastructure security plan that will both serve the evolving security needs of its community and prepare the [U.S. Academic Research Fleet] for operational cyber security requirements due to be enforced by the International Maritime Organization in 2021." The engagement is scheduled to conclude by the end of December 2019. Please see the [announcement on the Trusted CI blog](#) for more details.

Fleet Highlights

R/V ROGER REVELLE Moving Through its Mid-life Refit

R/V ROGER REVELLE is moving along smartly through its mid-life refit. All of the "destruction" has been completed with all of the diesel generators, motors, drives, switchboards, bow-thruster, overheads, and old piping and wiring removed. They are now in the process of putting everything back together with four new diesel generators, propulsion motors, retractable bow-thruster, drives, switchboards, piping and a gondola for improved acoustic system performance. The re-fit is more or less on schedule. The goal will be to have all the new installation work completed by January 1, 2020 and then have over three months for startup commissioning, testing, dock-trials and sea-trials prior to the RV REVELLE coming back online in mid-April 2020. After a couple of months of re-outfitting, crew training and verification cruises, R/V REVELLE will be in service supporting science in the fall of 2020 if everything goes according to plan. For more details on the refit progress, along with pictures, see the recent shipyard report [here](#).

R/V THOMAS G THOMPSON Visits WHOI

R/V THOMAS G THOMPSON entered the Atlantic Ocean early this year. This is the ship's first time in the Atlantic Ocean region since its delivery in 1991. R/V THOMPSON headed to Woods Hole after completing two major cruises near South Africa. While in Woods Hole, the ship will undergo major maintenance, an INSURV inspection and a NSF science facilities inspection. Additionally, the R/V



local contractors, many major maintenance projects were completed. It was R/V THOMPSON's first maintenance period since the ship's mid-life refit overhaul finished up in December 2017. R/V THOMPSON departed for the South Atlantic in mid-August for major science cruises in the Southern Hemisphere.



R/V THOMAS G THOMPSON moored at WHOI (Photo by: Robert Kamphaus)

TS Barry Visits LUMCON

Tropical Storm Barry passed over Southern Louisiana on 13 July 2019. LUMCON experienced flooding and plenty of residual mud to clean up afterwards. Fortunately R/V PELICAN departed for an NSF-funded cruise 15 July on schedule - a real tribute to the preparation and recovery efforts by the LUMCON staff and R/V PELICAN crew.



LUMCON security photo

R/V RACHEL CARSON Successfully Completes Major Coastal Expedition

R/V RACHEL CARSON recently completed a major collaborative science expedition off the West Coast operating between Cape Blanco (CA) and the Olympic

sediment samples during 3 cruises that totaled 35 days of at-sea time. The expedition, in conjunction with an earlier NSF-funded 10-day Coastal Methane cruise successfully demonstrated R/V CARSON's capability to support complex, extended Coastal cruises. This is a significant increase in capability as compared to R/V CARSON's predecessor at UW, the recently retired R/V CLIFFORD A BARNES.



R/V RACHEL CARSON departs for the WA/OR/CA coast.
(Photo by Robert Kamphaus)



R/V RACHEL CARSON's dry lab outfitted with MCS computer systems for UW / USGS expedition. (Photo by Robert Kamphaus)

Updates to UNOLS.ORG

Appendix B - Updated November 2018

Appendix B to the RVSS was revised by the Safety Committee and approved by the UNOLS Council in 2018.

RVSS which was promulgated in July 2015. This new Appendix B (27Nov2018) will be included in the next edition of the RVSS and can be found under "Other Resources & Links" on the Research Vessel Operators Committee page or at the link [here](#).

MERAS and Safety Committee Pages Added to the Committees Dropdown Menu

After receiving feedback that some pages were difficult to find on the UNOLS.org site, the MERAS Committee and Safety Committee Pages have been added to the "Committees" drop down menu that can be found on the UNOLS home page. Please see the [MERAS Committee page](#) to find online resources, articles and the recently completed *Module I Video: Shipboard Civility, Fostering a Respectful Working Environment*. The [Safety Committee Page](#) resources include links to RVSS, its Appendix B, the *Request for Exemption from RVSS Requirements* form, documents for lithium battery safety, as well as a list of off-committee subject matter experts.

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