

Community Updates

White House issues Best Practices for DEI in STEM Education and Research

The National Science and Technology Council (NSTC)'s Interagency Working Group on Inclusion in STEM (IWGIS), which is a subcommittee of the NSTC's Committee on STEM Education (CoSTEM), has developed a compendium on <u>Best Practices for Diversity and Inclusion in</u> <u>STEM Education and Research</u> for Federal Agencies and in the programs they support.

This is a great resource for any institution and especially those sponsored by the federal agencies.

11th Edition of UNOLS Research Vessel Safety Standards (UNOLS RVSS)

The 11th Edition of the Research Vessel Safety Standards (RVSS) was recently reviewed and approved by the UNOLS Council after review and recommendation by the Research Vessel Operators Committee. The UNOLS Office will be posting the new edition online shortly and distributing hard copies of the updated RVSS to the vessel operators and other facilities.

UNOLS recognizes and thanks the Safety Committee Chair, RADM Jeff Garrett, USCG Retired, for his extensive work in updating the RVSS.

Committee News

2021 UNOLS Annual Meeting Underway

The 2021 UNOLS Annual Meeting is underway! The meeting is a series of shorter (60-90min) webinars over a number of weeks. Meetings are generally Mondays and Wednesdays at 4PM Eastern through 10 November.

The UNOLS Annual meeting serves to inform the UNOLS community about the 2021 activities of the U.S. Academic Research Fleet and its supporting facilities. On this momentous 50th Anniversary year, we have 2 featured speakers, **Dr. Larry Mayer/UNH CCOM** and Chair of the US Committee to the UN Decade of Ocean Science will give a update on the U.S.'s Decade of Ocean Science goals and activities and **Dr. Kendall Moore/URI** who will continue our community discussion on Diversity, Equity and Inclusion within oceanographic science and STEM. We will have a **UNOLS 50th anniversary celebration on 10 November!**

The meetings are open to the community and we encourage participation. This is a great opportunity to learn more about the U.S. ARF and the facilities that support US oceanographic research. For more information, including the meeting dates, events and registration information, see the events page <u>here</u>.

2021 RVTEC Annual Meeting

The 2021 RVTEC Annual Meeting is right around the corner. The meeting will be held virtually from 25-28 October and will be hosted in <u>Whova</u>. The RVTEC meeting is always full of good information and discussions and this year will not be different.

The meetings are virtual so anyone can attend. For more information, including the meeting dates, events and registration information, see the events page <u>here</u>.

DeSSC Community Meeting at the 2022 Ocean Sciences Meeting

The DeSSC has moved their Annual Community Meeting to the 2022 Ocean Sciences Meeting (Honolulu, HI February 27-4March). TheDeSSC Community Meeting is scheduled for Sunday 27 February. At this time, the meeting is planned to take place both in person and over Zoom. In conjunction with this, the DeSSC New User program will be held on Saturday 26 February.

Featured Photo

RV MARCUS G LANGSETH in drydock at Everett Ship Repair, Everett, WA.



Photo courtesy of Sean Higgins, LDEC

Upcoming Events

2021 UNOLS Annual Meeting 13 October - 10 November 2021 Virtual Zoom Meeting

2021 Virtual RVTEC 26-28 October 2021 Virtual Meeting

2021 UNOLS Council Meeting 15 November 2021 Virtual Zoom Meeting

2021 UNOLS Fleet Improvement Committee Meeting (FIC) 17 November 2021 Virtual Zoom Meeting

2022 DeSSC New User Program 26 February 2022 Honolulu, HI

2022 DeSSC Annual Community Meeting 27 February 2022 Honolulu, HI

Did you know...

Recent Vessel Cruise

Tracks are now available in MFP

Go to <u>mfp.us</u>, select the ship(s) whose cruise tracks you want to view, and click on the Cruise Tracks layter on the top right of the map.



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, or images and questions can be submitted by email to media@unols.org.

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We will continue to monitor the pandemic and the Ocean Sciences Meeting coordination. Please watch the Upcoming Events section on our website (<u>www.unols.org</u>) for updates.

This is a community meeting and we encourage attendance.

New Committee Members

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

- Kipp Shearman/OSU FIC Chair
- Steve D'hondt/URI FIC Member

Big Thank You to Outgoing Committee Members

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

- Rhian Waller/UMaine UNOLS Council
- James Swift/SIO FIC Chair
- Rick Keil/UW FIC Member

Fleet Highlights

RV SIKULIAQ almost hits 80N!



Photo courtesy of Ian Sherwood

The RV SIKULIAQ recently completed the *Chukchi Edges II* cruise with PI Bernard Coakley/UAF. The project's goal was to determine how the Canada Basin formed and improve the understanding of how the Arctic Ocean formed and expanded.

The project ventured up to the Northern Chukchi Borderland and the central Canada Basin to collect multibeam echosounder data, subbottom profiler data and multi-channel seismic reflection (MCS) and refraction data to determine the history of these two features. The collection of MCS and refraction data, which involved towing sound sources and streamers, proved challenging in the formidable sea ice.

The cruise took the SIKLUIAQ to its northernmost point yet - almost 80N! You can see the cruise track in the Marine Facilities Planning (MFP) application (see *Did you Know* in the right column).

RV OCEANUS involved in rescuing the Master from a sinking fishing boat

Recently the NSF owned RV OCEANUS was involved in an incredible rescue saving a man from a sinking vessel. On Saturday August 28th at approximately 2125 hours, conditionson the Pacific Ocean 45nm NW of Newport were rough. The wind was blowing at 30 knots and the seas were up to 15 feet high and very steep. A nearby commercial fishing vessel broadcast a Mayday call and indicated his vessel was rapidly taking on water. RV OCEANUS' Captain, Jeremy Fox, confirmed the fishing vessel in distress was only one nautical mile from where the RV OCEANUS was conducting a trawl survey. Captain Fox indicated science operations would need to end and all equipment must be removed from

the water to render assistance to the sinking vessel.

The ship's general alarm was signaled, and PA announcements made to inform the crew they should prepare for a rescue. The RV OCEANUS quickly arrived at the scene where there was only a debris field and the fishing vessel was nowhere to be seen. The fisherman had narrowly escaped the pilot house of the sinking ship and was unable to don an immersion suit in time. Luckily, the life raft deployed and the fisherman was able to climb inside the craft. Captain Fox assessed the situation and then the RV OCEANUS took a careful approach to the life raft. The wind was blowing the life raft away from the RV OCEANUS but the deck crew was able to throw a grapple and hook it on the painter line behind the raft.The RV OCEANUS crew then pulled the raft alongside the ship.

The fisherman was pulled aboard, checked for any injuries and was provided with dry clothes and blankets. The 68-year-old fisherman was in shock and had mild hypothermia. He was then brought back to Newport where he was met by the USCG and EMT's. The fisherman was very happy to survive and grateful to the RV OCEANUS and the crew.

Bravo Zulu to the crew of RV OCEANUS on their successful rescue of a mariner at sea!

More information can be found in the Newport News Time article here.

ROV Jason and RV THOMPSON assist in recovery of OET's ROV'S Hercules and Argus

RV THOMAS G. THOMPSON and ROV JASON were recently instrumental in rescuing ROVs HERCULES and ARGUS after the two become detached from their umbilical with EV NAUTILUS while working on the Endeavor site of Ocean Networks Canada cabled array.

The Ocean Exploration Trust (OET) sought out alternatives for recovering their vehicles after their loss on 26 August 2021. Fortunately RV THOMPSON, with ROV JASON onboard, was just 11 hours south of the lost ROVs finishing up a highly successful OOI-Cabled Array cruise. OET, UW, the RV THOMPSON, ROV JASON and EV NAUTILUS teams came together and worked quickly to develop a recovery plan. On 1 September, after a survey of the area and the two vehicles, the rescue operation commenced with ROV JASON cutting the tether between ROVs ARGUS and HERCULES. This allowed ROV ARGUS to float to the surface and be recovered by the EV NAUTILUS. Then ROV JASON attached a lifting harness to ROV HERCULES enabling EV NAUTILUS to lift the ROV for a successful recovery on deck with the ship's installed cable.

More information about the ROV rescue can be found here.



Featured Ship - RV BLUE HERON



Name: RV BLUE HERON

Year Built: 1985 Mid-Life Refit: 1997 Place Built: East Boothbay Maine Science Berthing: 6 Crew Berthing: 4 crew and 1 technician Owner: University of Minnesota - Duluth Class of Vessel: Local/Coastal

The RV BLUE HERON's longest serving mate was a sailor, welder and artist. He is renowned for creating a masterpiece 20ft "Daredevil" fishing lure which, on April 1st a decade ago, was hung from vessel's A-frame as the ship left the Duluth Entry, a favorite tourist spot. The vessel did not catch <u>Mishipeshu</u>, Lake Superior's underwater panther, but the work of art still hangs from a stairwell ceiling in the main building today.



Photo courtesy of Doug Ricketts

Updates to MFP.us

ORCID IDs in MFP.us

ORCID provides a persistent digital identifier (an ORCID iD) that distinguishes you from every other researcher. You can connect your iD with your professional information — affiliations, grants, publications, peer review, and more. You can use your iD to share your information with other systems, ensuring you get recognition for all your contributions, saving you time and hassle, and reducing the risk of errors.

The Marine Facilities Planning (MFP.us) system is collecting ORCID iDs as part of the user account. Linking your MFP account to your ORCID iD will help R2R to track cruise participants and, more importantly, make sure you are linked to your cruise data. **Please login to MFP.us and add your ORCID iD to your user account.** If you do not have an ORCID iD, it is free to register here: <u>https://orcid.org/</u>.



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