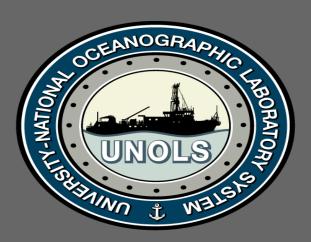# UNOLS RVTEC MEETING
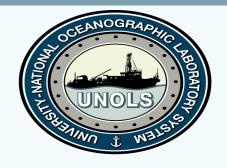
Next Up
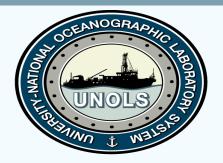RVTEC Training Sub-Committee – Gabe Matthias

Tech Training Sub-Committee

2022 Hybrid RVTEC

Seattle, WA- November 3rd, 2022

Members

- Sarah Kaye
- Kristin Beem
- Mary Huey
- Gabe Matthias
- Michael Tepper-Rasmussen- T.R.
- Bonny Clark (outgoing)
- Kate Kouba (outgoing)

Space for new members!
Taking nominations- Self Nominated is Encouraged
Email us at- techtraining@unols.org
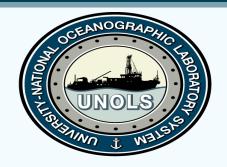
R/V Sikuliaq Calibration & Training Cruise- 2022

- Shakedown vessel systems post dry dock, including underway sensors, CTD, etc.
- EK80 target strength calibrations - 18, 38, 70, 120, 200 kHz
- OS38 ADCP commissioning and evaluations
- EM302 and EM710 multibeam patch tests
- Network Training - several sessions with John Haverlack
- Tours around the ship
- Splicing and Fiber Optic Testing

Thank you to UAF Science Support Group and R/V Sikuliaq Crew- as well as the institutions who sent technicians (and a few crew members) to attend WHOI, OSU, SIO, NOAA, and USGC. Of course thank you to NSF for funding and support! We got very positive feedback from participants.
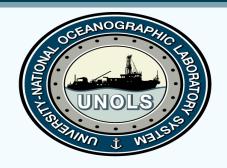
Current Training Efforts

What Went Wrong Wednesdays

Informal discussions where the tech community can chat about:

- What problems they have been experiencing
- New resources they have discovered or created
- Subject matter experts to aid in answering questions

The WWWW meetings are not recorded and we provide notes to the RVTEC listserv after the meeting
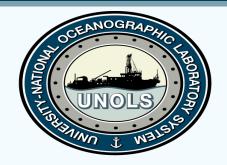
Current Training Efforts

What Went Wrong Wednesdays (WWWW)
Past Topics

- MARRSAM- Coring- with Paul Walczak
- EchoSIM and Knudsen software/hardware- Knudsen
- Multibeam Advisory Committee- MAC and Kevin
- Sat Comms- Sarah Kaye

Hoping for another WWWWeds in mid-January, stay tuned for details

Current Training Efforts

" Did you know? " Series - via RVTEC Mailing List

- Submitted by you - small areas of expertise to share with the rest of the tech community
- Easy way to share tips and tricks of the trade
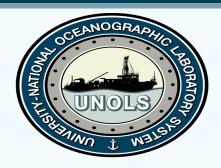

Did You Know?

Did you know that the UNOLS Fleet owns a "transducer tester" called the EchoSim? Not only can you check your ship's transducers (anything from 3.5 – 24 khz), but you can also check your Knudsen deck boxes to see if they're transmitting correctly. Annual or Biannual checkups of transducer condition can help predict transducer EOL before it happens. This also provides a good metric when requesting more funding for equipment upgrades. It's available for any ship in the U.S. Academic Research Fleet to use. Simply ask UMIAMI RSMAS' Don Cucchiara (dcucchiara@rsmas.miami.edu). They will ship it out to anyone that requests it, provided it is available. When requesting it, please provide your institution's FedEx account number, ship to address, point of contact, phone number and how long you plan to need it.

EchoSim Manual: EchoSim | KNUDSEN (knudseneng.com)

Knudsen Engineering Documentation package attached to this email.

Picture by Don Cucchiara.

This interesting tidbit was brought to you by the UNOLS Tech Training Sub-Committee.
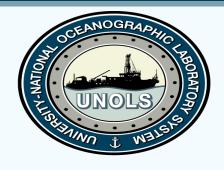
RVTEC Friday Training- Fiber Optics

- Friday's Training Session for Fiber Optic Training was a direct result from an RVTEC survey and folks who participated in the Survey- 19 responses
- You filled out a survey = we listened and matched a trainer.

The rest that were highly rated are covered with breakout sessions- MAC Breakout session, CTD and MET- Best Practice Breakout sessions.

To sum it up/ Moving forward

- Send us your nominations for new committee members! techtraining@unols.org

- Let us know if you have any calibration cruises or transits coming - we could help coordinate another Tech Training Cruise

- Be on the lookout for another WWWW Moderated Discussion!

- Join Us for a Tech Training Breakout Session- 2:00-2:50pm Thurs Alder Hall Rm 106