RVOC Safety Committee
Report to RVTEC

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The RVOC Safety Committee coordinates the creation and distribution of vessel safety information to the oceanographic community.

RVOC is the Research Vessel Operator’s Committee

Today

• Committee Members
• RVSS Appendices A & B Exemptions
• Lithium Batteries policy update
• LCI-90i Issues
• UAS / Drone Policy
RVOC Safety Committee Members

- Jeff Garrett - (Chair) – US Coast Guard ret.
- Rich Behn - U Miami/RSMAS
- Zoltan Kelety – Scripps IO
- Bill Fanning (RVTEC Rep.) - U Rhode Island
- Michael Hulme – U Maryland CES/CBL
- Bill Rall – U Washington
- Jon Swallow – U Delaware
- Christopher Peterson  RVIB Palmer
- Ben Anderson - Art Anderson Associates
- Quentin Lewis – Bermuda IOS

Subject Matter Experts

- Aaron Davis – Scripps IO, West Coast Winch Pool
- Josh Eaton – Woods Hole IO, East Coast Winch Pool
- Rick Trask – Woods Hole IO, East Coast Wire pool
Appendix A & B Exemptions

• Request for Exemption form and instructions
  – Posted on RVOC Safety Committee web Site

• Three exemptions granted, so far
  – Two granted allowing Factor of Safety 2.5 with undersized sheaves and rollers
  – One granted that appendix A & B do not apply

• One exemption denied
  – A request that Appendix A & B do not apply was rejected
Lithium Batteries

Soon to be released - Updated section on lithium batteries for RVSS chapter 9

RVSS is the Research Vessel Safety Standards

• Confirms that “hot” primary lithium cells should be cooled with ample amounts of water
• Advises against use of class D fire extinguisher for any type of lithium battery fire
• Uses WHOI and US Navy documents as reference
LCI-90i Issues

• Continuing stories of LCI-90i crashes, lockups, and loss of settings

• Josh Eaton will collect summaries of difficulties and report to the committee
Unmanned Areal Systems (UAS)
Fixed wing and rotor drones

- UNOLS committee SCOAR in charge
  Scientific Committee for Oceanographic Aircraft Research
- Once developed, policy and guidance will be included in RVSS chapter 19