

# Report from RVTEC

Given to RVOOC 20 April 2017

Bill Fanning

# What is RVTEC?

Oceanographic technicians helping each other

- **Mailing list**
  - Technical help requested, received and offered
  - Products and vendors - referrals and complaints
  - Other items of interest
  - Ask UNOLS office to be included
- **Annual Meeting**
  - Like RVOC, but different
  - Technical topics, hands on sessions, training

# Of Specific Interest to RVOC

- LCI-90i winch displays
  - Reported on issues of faulty firmware
  - Recommend and request new features
- RVSS Appendix A and B training
- Satellite communications
  - Better use of current bandwidth
  - Planning for future needs
  - Hands on training
- Antifouling coatings for transducers
- Weak links
- Lithium batteries- procedures for handling and storage

# Always Busy - The List Goes On

- Change of MOCNESS electronics
- Flow meters for underway seawater systems
- Data acquisition systems
- Serial communications
- R2R data depository
- Transducer testing
- Analog to digital converters
- Sensor suggestions
- Liquid nitrogen handling
- Troubleshooting equipment
- Loan of equipment
- Niskin bottles
- Training
- Operating systems
- Computer hardware
- Multi beam
- Troubleshooting tips
- Email
- Coring
- Data storage



## RVTEC Comments Concerning Primary Lithium Battery Procedures in Chapter 9 of RVSS

- “Primary lithium batteries shall be stored in a flammables cabinet”
  - **Size and quantities often exceed practical storage**
- Vented or leaking cell - “On an R/V, notify the bridge and initiate the vessel emergency response procedures”
  - **More to do here**