

RVTEC Committee Report

- 2107 Annual meeting in Duluth MN (Oct 24-26)
 - Great venue! Many thanks to the Large Lakes Observatory of the University of Minnesota
 - Lots of technical breakout sessions
- 2018 Annual meeting in conjunction with INMARTECH 2018 @ WHOI

- Activities
 - Satellite Network Advisory Group (SatNAG) was established late 2016
 - Data communications are critical but costs continue to escalate due in part to lack of management. SatNAG was tasked to develop guidelines to manage this resource uniformly across the UNOLS fleet
 - Has developed policies and procedures that will be rolled out to 8 ships in 2018, with results to be discussed at RVTEC and Council in late 2018
 - Cybersecurity is becoming an issue that we are beginning to discuss
 - MOCNESS improved control system
 - Important piece of fisheries sampling equipment but electronics are obsolete and poorly supported
 - SIO was supported by NSF to develop new electronics to be integrated with standard Seabird CTD hardware
 - A prototype was developed in 2016, 5 test cruises were performed in 2017; six sets of electronics are now being completed; to be distributed to institutions with existing MOCNESS net systems

- Technician exchange and technician pool
 - Great resource for tech managers that need technicians to support cruises or need help in supporting institutional technicians.
 - Tech pool was established in 2016 to provide additional resources. The pool is operated by TAMU and supports technicians who work as independent contractors.
 - Coordination is handled largely by Alice Doyle of the UNOLS office, in conjunction with affected tech managers.