University-National Oceanographic Laboratory System

UNOLS

USBLs within the US ARF
Fleet USBL system inventory

- **RV Thompson** - Sonardyne Gryo-USBL system
- **RV Ride** - Kongsberg HiPAP
- **RV Kilo Moana** - Sonardyne Ranger 2
- **RV Atlantis** - Sonardyne Ranger 2 and NSH w/ Ranger transceiver (older generation due to hull-hole size)
- **RV Armstrong** - Sonardyne Ranger 2
Questions/Concerns

1. Who has the overall responsibility for the shipboard system?

2. Are there trained personnel to calibrate, set-up and operate their particular systems?
3. Who is responsible for the documentation on the systems?

4. How configurable are/will the systems be?
5. **Calibrations:**
   - How often?
   - Who is in charge?
   - Who determines if the calibration is valid?
   - How will the ship time for the calibration(s) but funded? (12+hrs)
How to proceed?