

# Mid-2018 AUV Sentry Debriefs

2 Cruises, 2 Debriefs

# Sentry Debrief Highlights

- Overall, all Principle Investigators had mixed reviews of *Sentry's* performance and ability to meet their science goals.
- Reson multibeam and back-up unit failures on 5 dives.
- Issues of data-handover and support for the sub-bottom profiler
- Acoustic modem interference with sub-bottom profiler?

# Sentry Pre-cruise Recommendations

- Conversations were good but could do more to probe into what the science teams needed/wanted
- Mobilization was smooth

# Sentry Ops Recommendations

- consider improving the documentation of processing for multibeam and sub-bottom data
- New multibeam sonar and new back-up unit
- Sean Kelly, EL both cruises, excellent communication with science teams and ship's crews.