

901807 - Next Gen Acoustic Dorado

Week 46

1. Eric Martin
 - a. Using echopype to generate ascii data

Week 44

1. Eric Martin
 - a. Looking at EK60 data conversion needs.

Week 40

1. Eric Martin
 - a. Reviewing 2021 schedule. Some tasks from this year have been descoped and moved into 2021.

Week 38

1. Mark Chaffey
 - a. Revised documentation and had tech support modify four more DSP&L LED lights to the low noise configuration.
2. Eric Martin
 - a. Lights are back from the shop with filter boards installed.

Week 31

1. Eric Martin
 - a. Investigating python package `echopype` for parsing ek80 data

Week 26

1. Eric Martin
 - a. Proposal discussion for 2020
 - b. Back at sea this week, in full control of DMO at this point.

Week 22

1. Eric Martin
 - a. Revisiting goals for the year, some engineering dives were lost. Those goals may be requested in 2021.

Week 16

1. Rich Henthorn
 - a. Planning for auv-qnx CVS to git migration
2. Eric Martin
 - a. Wrote MT project impact report

Week 10

1. Rich Henthorn

- a. Prep for offboard light switching
 - b. CTD power issue
2. Eric Martin
 - a. Investigating CTD issues
 - b. Most of the noise is gone, one more source remains.
 - c. Had a meeting and discussed improvements to AUV mission timing accomplishments.

Week 9

1. Eric Martin
 - a. System at sea this week, so far seems to have achieved its mission.

Week 7

1. Rich Henthorn
 - a. Analyzing i2MAP mission failure of Jan 08 and how bottom dredging can be avoided in the future
2. Eric Martin
 - a. At sea this past Mon-Tues, short a few transducers.

Week 6

1. Francois Cazenave
 - a. I attended the weekly meeting
 - b. I ordered a new guard for the transducers
2. Eric Martin
 - a. Noise has returns on the last set of dives, we'll dig deeper to see if the multiple collisions on the AUV has damaged something in the sphere.

Week 5

1. Francois Cazenave
 - a. Added zinc anodes to the endcaps of the housing
 - b. Cleaned the glass dome
 - c. Designed a shield for the transducers