

DQ1865 - Bryde Whale

Week 51

1. Brent Roman
 - a. Resurrected the GoMex satcomms off ESPmoe for testing in my home office

Week 50

1. Brent Roman
 - a. Worked with Dack to remove cabling from moribund ESPmoe to test Iridium link

Week 47

1. Brent Roman
 - a. Started disassembling ESPmoe for its retirement after corrosion damage

Week 45

1. Brent Roman
 - a. Iridium comms still working on the now defunct ESPmoe
 - i. The motherboard is getting worse. No serial command port now.
 - ii. Supplied replacement motherboard for Scott to mate to the lid for satcomms tests.
 - iii. Lost track of spare antenna. Sigh...

Week 44

1. Brent Roman
 - a. More damage identified: 5 of the 13 conductors in the Falmouth tether broke
 - i. Shipping damaged cables back to APL this week
 - b. The Iridium antenna was filled with water (this is not unexpected given that it was submerged)

Week 43

1. Brent Roman
 - a. Determined that Gulf of Mexico comms failed due to corrosion in can cause by bleach leak
 - i. There may have also been an underwater cable failure
 - b. Remotely updated WHOI's ESPdon to latest and greatest

Week 41

1. Brent Roman
 - a. The equipment is finally back at MBARI!

Week 38

1. Brent Roman
 - a. Mooring is being trucked back to MBARI

Week 36

1. Brent Roman

- a. Mooring recovered. Surface expression was submerged. ESP seems intact, but somewhat corroded to prolonged high humidity in the can.

Week 26

- 1. Brent Roman
 - a. Recovery delayed for weather

Week 25

- 1. Brent Roman
 - a. Prepped laptop for Scott Jensen to use during recovery

Week 24

- 1. Brent Roman
 - a. Packed up a laptop to give me remote access for the GoMex ESP recovery on the 26th

Week 17

- 1. Brent Roman
 - a. Still no contact :-(

Week 15

- 1. Brent Roman
 - a. Still no contact with the mooring

Week 14

- 1. Brent Roman
 - a. Still no response from mooring :-(

Week 13

- 1. Brent Roman
 - a. Still no news. MetOcean cannot tell whether or not the satphone is registered on the Iridium.

Week 12

- 1. Brent Roman
 - a. Lost comms on Friday 3/13. Don't know why.

Week 11

- 1. Brent Roman
 - a. Increased sample volume from 2 to 2.5L
 - b. Some concern about high humidity on the ESP can.

Week 10

- 1. Brent Roman
 - a. Two weeks in without incident (touch wood)
 - b. Confirm sampling flow rates were reasonable by using another ESP in lab
 - c. Increased sample volume from 2 to 2.5L

Week 9

1. Brent Roman
 - a. Mooring appears to be collecting samples like clockwork
 - i. Comms cost is about \$5 per sample

Week 8

1. Brent Roman
 - a. Took a last minute trip this weekend to the Bayou to deliver repair parts.
 - b. Swatted a couple coms bugs and lots of chiggers.
 - c. Iridium satcoms is (finally) working as intended.
 - d. R/V Pelican is deploying ESP as I write this.

Week 7

1. Brent Roman
 - a. Worked with Scott Jensen and Jim Birch to prepare ESPmoe for shipment Louisiana

Week 6

1. Brent Roman
 - a. Successfully tested mooring in Test Tank with Iridium comms from bld B roof mounted antenna.
 - b. Worked with Mark Chaffey, Aaron Schnittger, and Larry Bird to assemble Iridium antennas.
 - c. Debugged (hopefully) lots of comms recovery logic.
 - d. Worked with Scott Jensen to measure mooring energy use and estimate its endurance.
 - e. Put together a kit with router and Verizon + T-Mobile cell modem for comms staging in Louisiana