

708165 - NOAA-MERHAB

Week 39

1. Brent Roman
 - a. ESPeddie recovered after what appears to have been a perfect 6wk deployment of La Push, WA

Week 38

1. Brent Roman
 - a. Deployment should complete this week

Week 34

1. Brent Roman
 - a. Baud rate hack continues to hold

Week 33

1. Brent Roman
 - a. ESP deployed with APL's new FlowController board that regulates external pump flow rate
 - i. Failed within 30 minutes due to processor oscillator drift in the cold water :-(
 - ii. I used a new Linux kernel API to request a non-standard baud rate of 10400 baud
 1. Joy! (as long as the ESP temperature remains stable :-)

Week 31

1. Brent Roman
 - a. Helped APL's EE diagnose a cable wiring issue causing intermittent comms failures

Week 30

1. Brent Roman
 - a. Supporting their upcoming deployment of two ESPs off Lapush, WA

Week 29

1. Brent Roman
 - a. Worked with APL engineer to bring up new combined Pump / Valve control board

Week 27

1. Brent Roman
 - a. Updated their ESP's software.
 - b. Shipped Steph USB programming dongles so she can update firmware.

Week 26

1. Brent Roman
 - a. Telecon with NOAA
 - i. Updating their ESPs, testing telebuoy, integrating new pump controller

Week 25

1. Brent Roman
 - a. NOAA deployed their new, larger ESP telebuoy off La Push, WA

Week 20

1. Brent Roman
 - a. They are set to deploy their ESP in August.
 - b. Working with Kevin Zack of APL to integrate his new pump/external valve controller

Week 5

1. Brent Roman
 - a. Conference with APL determined that they would not use Iridium comms for ESPs off La Push

Week 3

1. Brent Roman
 - a. Exchanged to email with APL expressing concern with Falmat's proposal to avoid work hardening related failures by strengthening and stiffening cable.

Week 1

1. Brent Roman
 - a. Added Coulomb counter to ESP2G "sleepy" firmware
 - b. Added modem power cycling schedule to "sleepy" firmware