

901800.98 - Bioacoustic Payload

Week 51

1. Brent Jones
 - a. Looking at moving payload cpu to inside LRAUV. Working on ORCAD drawing. Seriously wanna delete ORCAD.

Week 50

1. Brent Jones
 - a. Looking at moving payload cpu to inside LRAUV.

Week 49

1. Brian Kieft
 - a. Met briefly to discuss data dissemination

Week 38

1. Brent Jones
 - a. Providing support to noise testing. Procuring different pressure case material possibilities for testing

Week 36

1. Brent Jones
 - a. First test tank test revealed noise issues. Working on it
 - b. Polishing up documentation (electrical drawings)

Week 35

1. Brent Jones
 - a. Final assembly of the elux and initial fit to Triton's nose

Week 34

1. Brent Jones
 - a. Finished design on internal bracketry for elux. Sent to printing

Week 28

1. Brent Jones
 - a. Replaced CPU backplane with AI backplane to better sink heat. Re-assembled. Assembled complete payload and bolted on the front of LRAUV Galene. Fits!

Week 16

1. Brent Jones
 - a. Modifying proposal as requested by MT

Week 11

1. Doug Pargett
 - a. New main structure piece has been printed. Still some issues. Suggest using the ABS one for testing.
 - b. Circuit board mount milled from G10. Ready for build.

Week 9

1. Brent Jones
 - a. Continue working on internal wiring schematic
 - b. Begin assembly of pressure case by installing bulkhead connectors. Prepping for pressure testing
2. Doug Pargett
 - a. Pressure housing parts are here.
 - b. Building up test gimbal assembly.

Week 7

1. Brent Jones
 - a. Started work on top level wiring diagram in preparation for pressure case delivery.
2. Doug Pargett
 - a. Built up the first gimbal transducer assembly, and it.... Rocks!

b.

Week 6

1. Brent Jones
 - a. Working with Pargett to get the pressure case finished. Parts are starting to flow in
2. Doug Pargett
 - a. The pressure domes being made at Scripps have arrived, and they look great.
 - b. Test fit with the (un-anodized) caps and looks good so far.



c.

Week 5

1. Doug Pargett
 - a. Waiting on parts from shop, target is Feb 10.
 - b. 5-axis mill is awesome! 🤖 Thanks for getting it.
 - c.



d.