

701145 - Penguin Hotspots

Week 50

1. Paul McGill
 - a. Integrated AOS board into system schematic
 - b. Got Brent's AOS code and was able to compile it and program AOS boards.

Week 48

1. Paul McGill
 - a. Much progress on REMUS sonar payload schematics.

Week 46

1. Paul McGill
 - a. Slogging ahead with schematics. System diagram done, working on can wiring.

Week 45

1. Paul McGill
 - a. Working on system schematics for REMUS sonar payload.

Week 44

1. Paul McGill
 - a. Working on schematics for REMUS sonar payload.
 - b. Getting copper parts machined to assemble second sonar Faraday shield.

Week 40

1. Jon Erickson
 - a. The EK80 electronics pressure cases are in. Q.C'd them, will leave them assembled in the lab.
 - b. The EK80 gimbal parts are in. I'll Q.C. them then assemble when I get back.

Week 38

1. Jon Erickson
 - a. Sending out the EK80 gimbal parts to GoProto. They will all be the PA12 material.

Week 37

1. Jon Erickson
 - a. Starting on the EK80 Gimbal pieces.

Week 36

1. Paul McGill
 - a. Ordered more power converters for Simrad sonar and did calcs to figure out how to modify them.

Week 33

1. Jon Erickson
 - a. Finished all the chassis assembly.

Week 32

1. Paul McGill
 - a. Working with James M. to get 3 more WBT Mini Faraday Shields built

Week 31

1. Jon Erickson
 - a. Finished the EK80 electronics chassis assembly, it's in the lab.
2. Paul McGill
 - a. Test fitted sonar Faraday shield into Jon's chassis and it all looks good. Moving ahead with more shield boxes.

Week 30

1. Jon Erickson
 - a. EK80 electronics chassis is finished
 - b. Shop is just starting the matching pressure case.

Week 28

1. Jon Erickson
 - a. Finished the chassis for the EK80 electronics shield box.

Week 24

1. Jon Erickson
 - a. Chassis and PV parts are in Fab.

Week 23

1. Jon Erickson
 - a. Electronics chassis and pressure case to go out for Fab.

Week 22

1. Paul McGill
 - a. Working with Chad W. on wiring of REMUS sonar payload

Week 18

1. Jon Erickson
 - a. EK80 chassis re-design.

Week 17

1. Jon Erickson
 - a. Meetings to settle electrical noise issues. Final prints are waiting.

Week 16

1. Jon Erickson
 - a. I think we've got a design to solve the electrical noise issues in the EK80 sonar electronics that we can actually build and fit in a Hydroid.

Week 15

1. Jon Erickson
 - a. Changing the internal chassis parts to fit Paul M. shielding design. Five parts/prints & lots of hardware.

Week 14

1. Jon Erickson
 - a. Modeling Paul's shield box for clearances in the pressure case.