

901206 - Coastal Profiling Float

Week 51

1. Eric Martin
 - a. Gobacktosleep functionality under test.
 - b. C++ State machine review

Week 50

1. Danelle Cline
 - a. Waiting for hardware to test. Implemented RUDICS simulation mode.
2. Eric Martin
 - a. Whittling down power requirements

Week 49

1. Eric Martin
 - a. RUDICS test setup
 - b. Energy saving analysis and feature development

Week 45

1. Danelle Cline
 - a. Flowflow repo created for development. Discussion with the team on requirements.
2. Eric Martin
 - a. More power consumption tank tests
 - b. Energy monitor changes from Gene rolled in

Week 42

1. Eric Martin
 - a. Prepping this week for another deployment tomorrow in the test tank.

Week 40

1. Eric Martin
 - a. Another tank test has been requested, minor code changes.

Week 37

1. Eric Martin
 - a. On hold for data analysis

Week 36

1. Eric Martin
 - a. Finished sleep on anchor, Gene in data processing mode.

Week 35

1. Eric Martin

- a. Merging in changes from the sleepOnAnchor feature, which is working well.
- b. Gene is working on analyzing datasets.

Week 34

1. Eric Martin
 - a. Sleep in Anchor working, doing power calculations, assessing battery health.

Week 33

1. Eric Martin
 - a. Tank tests going well. Collecting sleep data.

Week 32

1. Eric Martin
 - a. Feature additions for power numbers

Week 29

1. Eric Martin
 - a. Changeset for next tank test

Week 26

1. Eric Martin
 - a. Made minor bugfixes and running another trial.

Week 23

1. Eric Martin
 - a. More tank tests are progressively addressing bugs.

Week 20

1. Eric Martin
 - a. Troubleshooting SDcard corruption issues, blocking the sleep on anchor feature.

Week 19

1. Eric Martin
 - a. Analyzed tank tests, we have periodic issues with the SD card on repeat power cyclings.

Week 18

1. Chad Kecz
 - a. Finished the testing of the new primary lithium batteries
 - b. Submitted test report of battery testing to Gene M.
 - c. Submitted a MT work request for a battery cage (mount) for the proto-CPF
2. Eric Martin
 - a. Running tests in tank, identifying next set of bugs.

Week 15

1. Eric Martin

- a. More Testing boggled an SD card, had to replace and will continue testing.

Week 13

1. Chad Kecz
 - a. Made significant progress on the LHE testing; now starting to document the process
 - b. Planning for primary battery testing

Week 12

1. Eric Martin
 - a. Tankside testing continues, with goals to get in the tank today.

Week 10

1. Chad Kecz
 - a. Found the issue with the i2c problem (wrong version of energy monitor IC was installed)
 - b. Still bringing up the LHE primary batt pcb
2. Eric Martin
 - a. Lots of tank testing

Week 9

1. Chad Kecz
 - a. Finally found the i2c issue on the new LHE board, testing continuing
2. Eric Martin
 - a. Tankside tests wrapping up.
 - b. At sea next week

Week 7

1. Eric Martin
 - a. Tankside testing sleep features.

Week 6

1. Eric Martin
 - a. Prepped motherboard for handoff to Chad
 - b. Created new test tools in the factory console mode.

Week 3

1. Eric Martin
 - a. Tank Testing at the end of the week.

Week 2

1. Eric Martin
 - a. Polishing files generated by new sleep on anchor.

Week 1

1. Eric Martin
 - a. Tankside testing of sleep on anchor