

901206 - Coastal Profiling Float

Week 51

1. Eric Martin
 - a. Design reviews for SOM and LHE Primary PCBs
 - b. I2C LHE further troubleshooting for new primary design.

Week 50

1. Eric Martin
 - a. Troubleshooting pump configuration issues, we have been able to reproduce the failure seen at sea.

Week 44

1. Eric Martin
 - a.

Week 43

1. Eric Martin
 - a. Shoreside server development.
 - b. Bugfixes for encoding exceptions and SBD formatting.

Week 38

1. Eric Martin
 - a. Server side code development
 - b. Review of Magdalena's experiment implementation

Week 32

1. Eric Martin
 - a. Reviewing state of CPF003

Week 28

1. Eric Martin
 - a. Testing

Week 27

1. Eric Martin
 - a. Tank testing again with new GPS installed.

Week 26

1. Eric Martin
 - a. Solved pressure sensor bugs, improved UI.

Week 25

1. Eric Martin
 - a. Minor code edits, prepping for next round of tank tests next week.

Week 24

1. Eric Martin
 - a. Getting ready for sea trials.

Week 23

1. Chad Kecz
 - a. Met with Gene and I will be doing some energy measurements at different locations in the CPF

Week 21

1. Eric Martin
 - a. Troubleshooting bug in BT Console

Week 20

1. Eric Martin
 - a. Troubleshooting issues with new sparkfun GPS carrier

Week 18

1. Eric Martin
 - a. Concept review for HDBP

Week 15

1. Chad Kecz
 - a. Still evaluating the BQ eval board - Have implemented a handful of safety features
 - b. Prepping for Concept/Battery Safety Review
 - c. Making Register Maps + flowcharts

Week 14

1. Eric Martin
 - a. Successful offshore test last friday with CPF003.
 - b. Squashing minor bugs in mission.

Week 13

1. Eric Martin
 - a. Implementing factory and usb modes in core code.

Week 12

1. Eric Martin
 - a. HDBP meetings
 - b. Tank test mods

Week 11

1. Eric Martin
 - a. Developing factory mode.

Week 10

1. Chad Kecz
 - a. Evaluating a TI battery management eval board and helping with overall new battery integration plans.
2. Eric Martin
 - a. Potential fix for SD card failure seems to be working, more tank tests will confirm.
 - b. Reviewing HDBP materials

Week 9

1. Eric Martin
 - a. Tanks test continue

Week 8

1. Chad Kecz
 - a. Received a BMS (BQ79642) EVM for testing. Formulating a formal test plan.
2. Eric Martin
 - a. Squashing bugs, we have a new streamlined to-do list we're working from.
 - b. Tank tests went well over the weekend.

Week 7

1. Eric Martin
 - a. Tank testing has resumed, squashing bugs in data output.

Week 6

1. Eric Martin
 - a. Software architecture concept design for the high-density battery pack.
 - b. Tank testing CPF003

Week 5

1. Eric Martin
 - a. Checkout of CPF003
 - b. Tank Testing
 - c. Battery pack software requirements review.
2. Ed Mellinger
 - a. Researched possible 21700 cells for new HD battery pack
 - b. Studied string-monitor chip options
 - c. Iterated requirements doc with other team members

Week 4

1. Chad Kecz
 - a. Participated in a meeting concerning the new battery control board
 - b. I am reviewing a part suggested by Gene for battery functions (and EVM)
2. Eric Martin
 - a. Attended calls regarding Battery Pack design and new SOM eval.

- b. Remote troubleshooting for an overdischarged float during calibration.

Week 3

1. Eric Martin
 - a. Reviewing SOW for external code contract quote solicitation.