

DQ1942 - Buoy Power Generation

Week 51

1. Eric Martin
 - a. Working on utility to create a radar playback utility to test online wave identification from logged data on the Paragon.

Week 50

1. Eric Martin
 - a. Biweekly meeting last friday
 - b. Helping Rob get started on data analysis

Week 49

1. Eric Martin
 - a. Analyzing radar packet structure

Week 48

1. Eric Martin
 - a. Biweekly Meeting
 - b. Looking at radar data for real-time processing.

Week 47

1. Eric Martin
 - a. Looking at radar data parsing outside of Matlab

Week 44

1. Eric Martin
 - a. Handed over AHRS data to Rob McEwen
 - b. Attended bi-weekly meeting with collaborators

Week 43

1. Eric Martin
 - a. Extracted AHRS data for our collaborator who will be applying the transformations to the radar data.

Week 42

1. Andy Hamilton
 - a. Waiting on response from DOE, they're overdue.

Week 41

1. Eric Martin
 - a. Took out Paragon last week, and collected radar data for our collaborators.

Week 40

1. Eric Martin
 - a. Another Paragon trip this past Monday to collect 3-4 hours of radar data, and now our collaborators will

Week 38

1. Eric Martin
 - a. Found issue with radar logging, verifying before scheduling a paragon day.

Week 37

1. Eric Martin
 - a. Hunting down login issues on the radar system.

Week 29

1. Eric Martin
 - a. Tests on the Paragon were successful, we'll be analyzing datasets next.

Week 28

1. Eric Martin
 - a. Worked with Dale Griffith JH APL
 - b. Prepping for Paragon work next week.
 - c. Starting Testing July 8, 9, and 10th.

Week 26

1. Eric Martin
 - a. Finally got data from the radar last week
 - b. Preparing for paragon test.

Week 25

1. Eric Martin
 - a. Prepped for tests this week, backed up image of TS7970 for spare buildup.
 - b. Once tests complete, we can pursue tests on the Paragon.

Week 22

1. Eric Martin
 - a. Handoff of wireshark LCM parsing tool.

Week 12

1. Eric Martin
 - a. Built radar shield dome, radar is integrated
 - b. Documented effort and wrote a brief collaborator's guide.

Week 11

1. Eric Martin
 - a. Radar nearly integrated, protective cover installed

Week 10

1. Eric Martin
 - a. Once the buoy controller checks out, we'll have the radar running.

Week 9

1. Eric Martin
 - a. Radar wiring was part of the controller wiring, we'll be able to test the system next week.

Week 7

1. Eric Martin
 - a. Amending drawings for new Radar