

DQ2210 - READI-net

Week 41

1. Brent Roman
 - a. Attended Ready-Net meeting at MBARI

Week 40

1. Brent Roman
 - a. Attended conference call

Week 29

1. Brent Roman
 - a. Attended meeting on mechanical design

Week 17

1. Brent Roman
 - a. Helped Birch interview prospective embedded systems contractor

Week 16

1. Brent Roman
 - a. Attended zoom call with Elecia White, who will likely be writing the firmware

Week 12

1. Brent Roman
 - a. Participated in call discussing UI and low-level command protocol design

Week 8

1. Brent Roman
 - a. Helped evaluate prospective ARM processor board from Taradex

Week 7

1. Brent Roman
 - a. Starting looking at potential SOC from Toradex
 - b. Read over initial proposal for controller serial protocol design

Week 6

1. Brent Roman
 - a. Participated in Zoom call with Bad Wolf consulting.

Week 5

1. Scott Jensen

- a. The slide prototype is slowly progressing. The scale up from 25 to 47mm is causing some issues which might make it a dead end.

Week 4

1. Kevin Gomes
 - a. Meeting with contractor to discuss new UI prototypes and hardware
2. Scott Jensen
 - a. Making good progress on bringing up the 47mm mechanism. A few printing errors are needing to be fixed. Most axis work, move but position is a bit off.

Week 3

1. Scott Jensen
 - a. Continued progress with the final assembly of the 47mm prototype.
2. Brent Roman
 - a. Continuing exchange with consulting firm regarding compute hardware choices

Week 2

1. Scott Jensen
 - a. Continued work detailing rotating arm for puck manipulation
2. Brent Roman
 - a. Continuing discussion of various comms and processing options including Certus 100

Week 1

1. Scott Jensen
 - a. Parts for the next build of the sampler have been fabricated and now assembly is starting.
2. Brent Roman
 - a. Investigated various Iridium satcomms options
 - b. Investigated various CPU board options