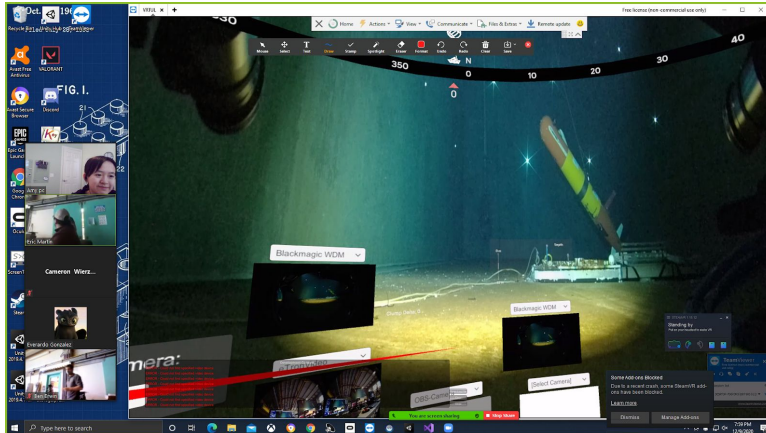


901911 - ROVVR

Week 51

1. Eric Martin

- a. Tank tests and integration on the Mini ROV are complete, we were able to demonstrate VR in the test tank, and collected needed data for the enxt phase of our collaboration with student at Olin College.



- b.
- c. A VR view of the bottom of the test tank with ROV data overlays in testing

Week 50

1. Eric Martin

- a. Setting up in the tank for testing of Olin student software.
- b. Fixed mink10L to support Gigabit ethernet

2. Mike Risi

- a. Helped out with setup of the ZMQ/LCM bridge for testing

Week 49

1. Eric Martin

- a. SCOPE meeting
- b. Writing software to convert navproc messages to lcm types

Week 48

1. Eric Martin

- a. SCOPE Meeting
- b. Expanded LCM types for MiniROV to have more contextual data.

Week 47

1. Eric Martin

- a. Modifying mwt-lcm-types for rovr additions
- b. SCOPE meetings
- c. Spares purchasing

2. Mike Risi

- a. Updated MiniROV ZMQ interface doc
- b. Modified ZMQ to LCM bridge to publish new LCM types
- c. Created process to handle CLUMP topic

Week 44

1. Eric Martin
 - a. Tank calibration this past monday.
 - b. Working with Olin student group, who are excelling at presenting realtime data for us.

Week 43

1. Eric Martin
 - a. Preparing for tank calibration and testing with the Olin team.

Week 41

1. Eric Martin
 - a. Progress from our Olin student team is good.
 - b. Working to supply them with contextual data.

Week 40

1. Eric Martin
 - a. Olin students continue to make excellent progress, we have weekly check ins to mark their progress and adjust efforts and priorities.

Week 38

1. Eric Martin
 - a. Getting Olin students spun up. Meeting with Olin professors today.

Week 37

1. Eric Martin
 - a. Preparing to kickoff our Olin student team with Kakani.

Week 35

1. Eric Martin
 - a. Camera is at sea finally, hopefully collecting video as part of the Robison cruise

Week 26

1. Eric Martin
 - a. Discussing a new PC for better control room integration.

Week 25

1. Eric Martin
 - a. Working on a stereostich/unity bridge
 - b. Our Olin College collaboration has been funded by the Dassault Foundation, we'll have a class of students working on ROV visualizations in the fall semester.

Week 24

1. Eric Martin
 - a. Had a final presentation from the UCSC students last week, they did some nice work to build some data UI tools

Week 23

1. Eric Martin
 - a. UCSC Check in today.

Week 22

1. Eric Martin
 - a. Check in call with UCSC.

Week 21

1. Eric Martin
 - a. Ben got data stuck on the ship to UCSC collaborators, update meeting on their progress today.

Week 20

1. Eric Martin
 - a. Meeting with UCSC last week, good progress is being made
 - b. Ben Erwin was able to download some VR video off of the cameras, we can start doing some photogrammetry now.

Week 19

1. Eric Martin
 - a. Update call on wednesday, UCSC collaboration is underway

Week 18

1. Eric Martin
 - a. UCSC student data sharing spin up

Week 17

1. Eric Martin
 - a. Got a workflow established for location based VARS query and data ingestion for historical data presentation in VR.
 - b. Supporting UCSC team as they start the image analysis tasks on available MiniROV stereo image data.

Week 16

1. Eric Martin
 - a. VARS Data preparation for UCSC handoff

Week 14

1. Eric Martin
 - a. Group meeting with UCSC crew, they have some enthusiastic students that want to chip in.
 - b. Dassault Foundation proposal.
 - c. Trying to interface mesobot data to students for a dataset until we have a full dataset from Ricketts.

Week 13

1. Eric Martin
 - a. Helping Kakani with a proposal for the Dassault Foundation

- b. Wrapped up trip to Oregon

Week 12

1. Eric Martin
 - a. Successful FAT and training in Salem, OR last week onsite at the Sexton Corporation.
 - b. Brought camera back and integrated it easily onto Doc Ricketts
 - c. We'll likely miss getting any footage before the shipyard due to the closures, we are drumming up a test scheme for

Week 11

1. Eric Martin
 - a. In Salem OR Thursday/Friday for Training/FAT

Week 10

1. Eric Martin
 - a. Met with Leila Takayama, spinning up some student projects for collaboration on ROV tasks and historical data presentation.
 - b. Heading to Oregon next week to get training on the new camera.

Week 9

1. Eric Martin
 - a. Met with Leila Takayama (UCSC) and are developing projects for her students to undertake that will accelerate our AR element generation.

Week 8

1. Eric Martin
 - a. Getting the camera back for integration.

Week 7

1. Eric Martin
 - a. Hosting a rep from Looking Glass Factory this Thursday to investigate the holographic display tech.

Week 6

1. Eric Martin
 - a. The camera is mid cycling, and domes apparently are holding up well. We'd like the system back next week for integration onto the ROV.

Week 5

1. Eric Martin
 - a. Kickoff meeting and report from CES.
 - b. The camera is hopefully in final testing after chemically strengthening the domes over the holidays. We should hear next week, and hope to have the camera integrated for Jim Barry's next Flyer cruise.