

Rob McEwen Sorted By Project

901513 - Targeted Sampling by AUVs

901902 - Unoccupied Aerial Vehicles for Science, Operations and Outreach

902101 - LRAUV Docking

- Finished code that sends the vehicle in the down-current direction under power if it doesn't drift far enough after a docking attempt. (Week 7)
- Also now log the heading control PID gains. They can change during flight. (Week 7)
- Issued a PR. (Week 7)
- Tested DAT range and bearing error in the Simulator (Week 8)
- Tested DAT delay similarly. (Week 8)
- So far I haven't qualitatively matched sim data to real data. (Week 8)
- Upgraded simulated DAT delay code to a delay queue. (Week 9)
- Simulated various delay durations. (Week 9)
- Results are promising, but still not a close match to the data. (Week 9)
- Will try adding navigation error next. (Week 9)
- Added Dvl Scale factor error (%DT) to the simulation. This approximates the data the best so far. (Week 10)
- Prepared presentation. (Week 10)

902405 - Precision Control Technologies

Out of Office

Overhead