

AUV Meeting Minutes

October 18, 2023

- Each person explained what his contribution to the project has been for the past week.
 - Will: Perfecting connection between Raspberry Pi and motors drivers/ Working on team website
 - Provided github links to Raspberry Pi code
 - Matt and Justin: Fixing the sealant problem
 - Going the wrap balloon/latex material around O-ring to stop water leakage at the opening
 - Going to apply epoxy to stop water leakage at the motor mounts
 - Tom, Matt, and Collin: Buoyancy
 - Adding weight to compensate for buoyancy force (experimentally determined the proper amount of weight needed)
 - Weights will be distributed in a ring like shape around the vehicle
 - Nick:
 - Ballast weight calculation (theoretical determine the amount of weight needed)
 - Design of fixtures to hold weight add-ons with fillers such as wax, styrofoam, or cotton to fill in extra space and prevent the weights for sliding around.
- MAE 434W team also explained each member's contributions. See MAE 434W team's meeting minutes for details.