

Progress week 9 and 10

Winch: All parts inside winch finished. Assembled the winch and tested. The result was that the winch is working well. We made a new bracket to hold the winch on the engine side. This will be mounted during week 11, and a new bracket and cover to the winch stepper motor.

PLC: Stabilization done. Not tested in water yet, but have a simulator in the cockpit and it seems to be working good. Also made a simulator to control the thrusters, this seems also to be working well.

Platform: Calculated on buoyancy. Made an excel sheet on the different values. We want to remove the pipes that was added during winch-project in 2017 because this will affect the performance on the platform. Not sure yet how the best solution is but have designed some solutions.

New brackets to hold the dockinghead have been made. The old ones were 3D printed in plastic and was broken. New one made in steel and aluminium.

DIMO AS sponsor us with a new cabinet that we need. This will arrive 07.03.2019.

Also ordered some small parts that were needed with Anders. Got them week 10.

GUI: Good progress and is getting together. Looking very good and is user friendly.

Raspberry pi on the ROV is under testing. Some small issues to fix, but is in good progress

Electrical drawings are finished.

Future progress week 11 and 12

Buoyancy: Figure out the design and rebuild/add pipes on the platform to improve performance.

Install new Cabinet and wire the platform to complete installation.

Rebuild dockinghead with new brackets.

Rebuild ROV with new Raspberry pi and test.

Winch: Mount new bracket and 3D-print new cover over the stepper motor.

PLC: Start on Autopilot and after that DP.

GUI: Backend programming. Setup communication.

Some pictures down below on what have been done:















