

sdmay23-22: Ultrasonic radar

Week 4 Report

October 21 - October 28

Team MembersSamuel Rosette — *Hardware*Ryan — *Hardware*Jack Riley — *Hardware*Derek Thomas — *Software*Kevin — *Hardware*Abubaker Abdelrahman — *Hardware***Summary of Progress this Report**

For this week, we sent an email to ETG for the order of the Transducers. We are buying roughly 25 of them at a very great deal. Our advisor has approved of this order. Lastly, we have discussed on the spacing parameters for when we place the transducers.

Pending Issues

Figuring out amplification for the wave circuit. Understanding the complexity of detecting and obtaining the width of the objects.

Plans for Upcoming Reporting Period

Meet with our advisor and talk about the order made. Discuss about our plans for working with the transducers. Hopefully, start working with the transducers if they have arrived.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Samuel Rosette	Planning and report.	3	0
Ryan	Planning	3	
Jack Riley	Planning and finding transducers.	3	0
Derek Thomas	Planning	3	0
Kevin	Planning and sending email to ETG.	3	
Abubaker Abdelrahman	Planning	3	0

Gitlab Activity Summary

Nothing to report.
