



TEC-V

Week 3 Update



Our Website!



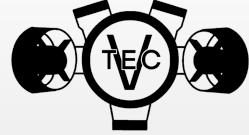
Our Insta!





A photograph of a rugged, rocky landscape under a clear blue sky. A dirt path or stream bed winds its way through the center of the frame, leading the eye towards the horizon. The terrain is uneven and covered in sparse vegetation.

Progress



Progress

- Fairing Lamination Complete
- Weight Sleds Complete
- Saltwater Buoyancy and Trim
- ROV Pilot Experience



Progress

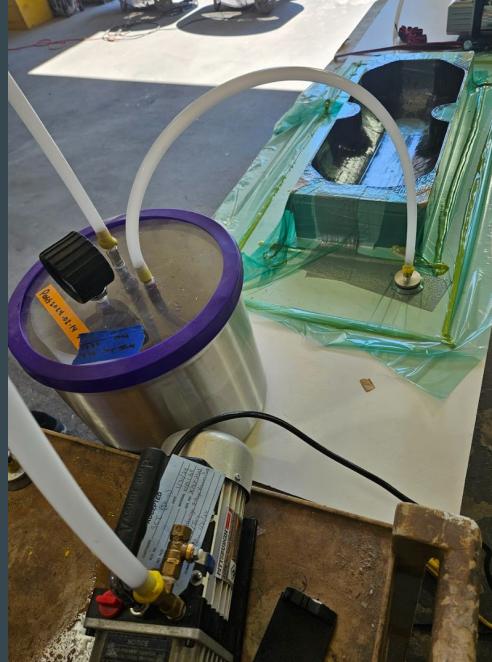
Next Steps

Timeline



Fairing Lamination

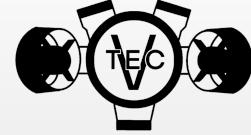
- Second Half Complete



Progress

Next Steps

Timeline



Fairing Manufacture at S.C.



Progress

Next Steps

Timeline



Fairing Halves



Progress

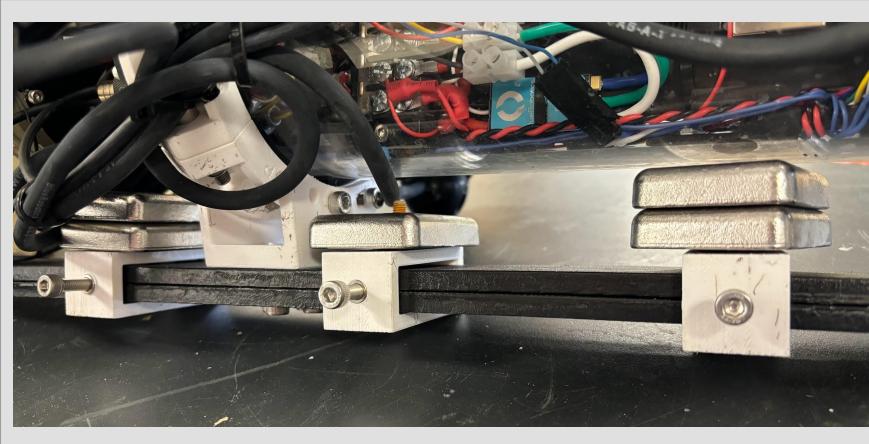
Next Steps

Timeline



Weight Sleds

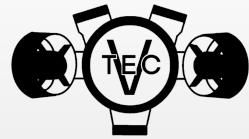
- Allows Vehicle to Be Trimmed Precisely
- Support up to 2 BR Weights
- Current Configuration for Saltwater



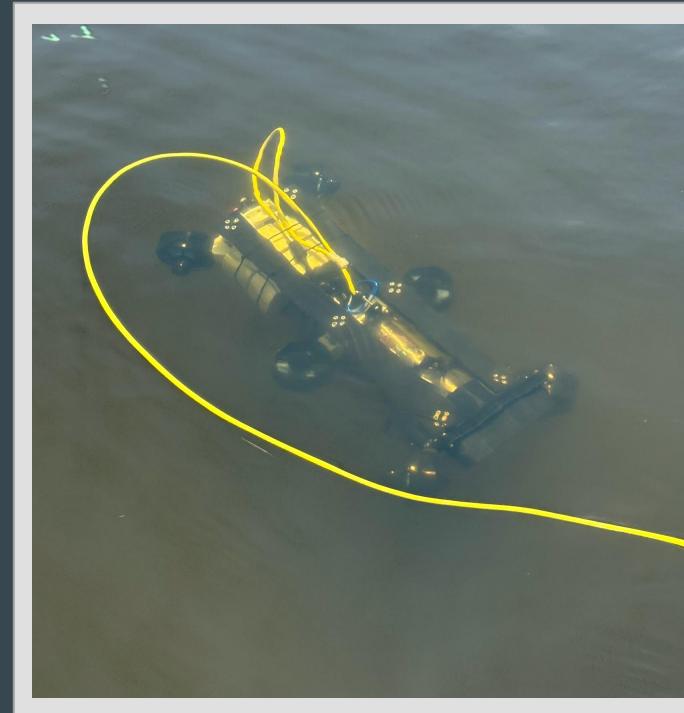
Progress

Next Steps

Timeline



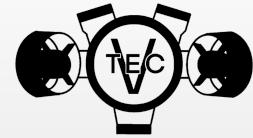
Deployment at Anchorage



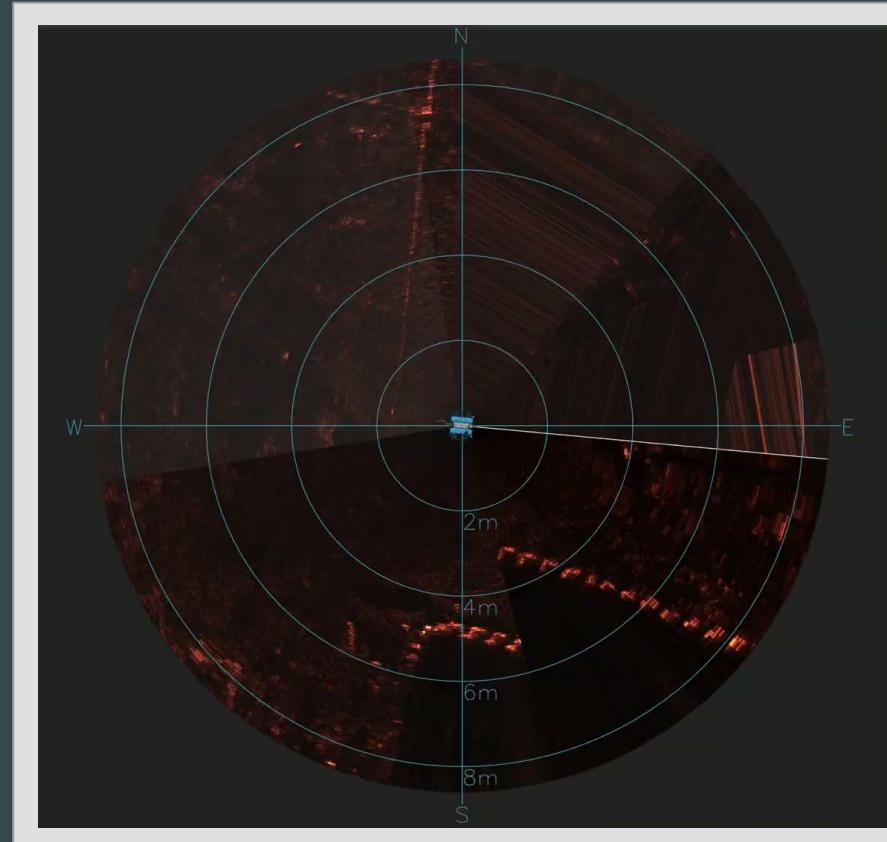
Progress

Next Steps

Timeline



Sonar Data



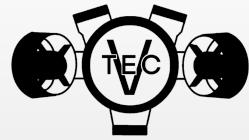
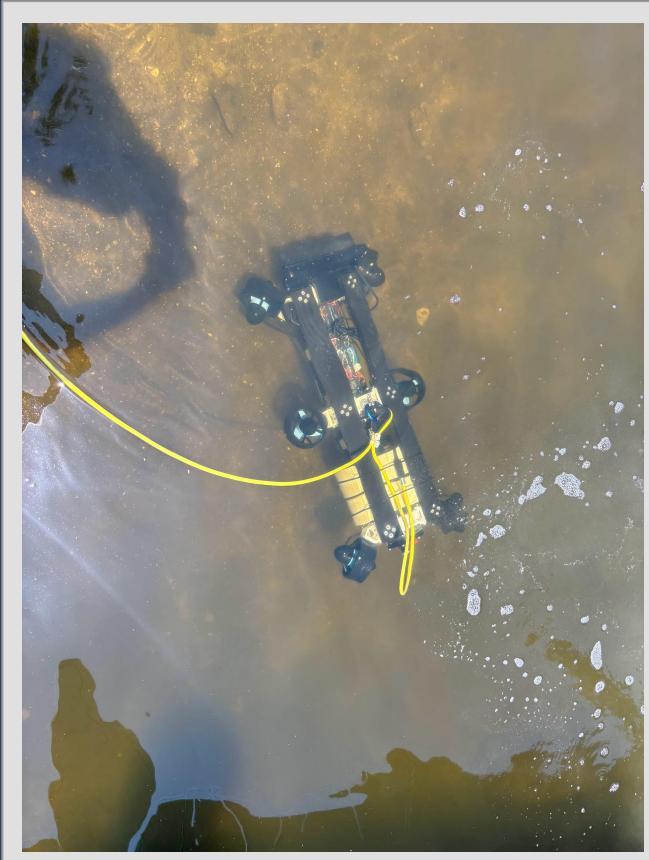
Progress

Next Steps

Timeline

ROV Piloting

- Laptop Operation



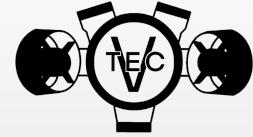
Progress

Next Steps

Timeline

A photograph of a dirt path winding through a dense forest of tall evergreen trees. The path is rocky and uneven, leading into the distance. The lighting suggests it might be early morning or late afternoon.

Next Steps



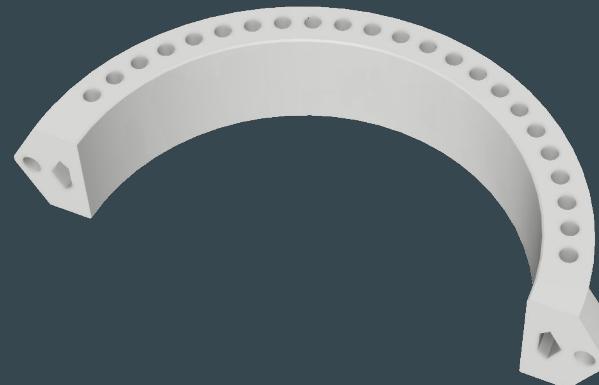
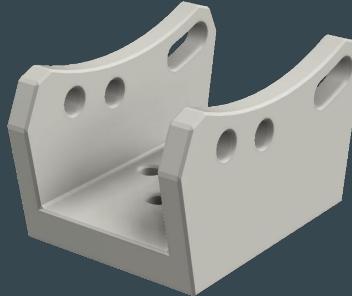
Prepare for MFP

- Print Spare Parts
- Pack Up

Progress

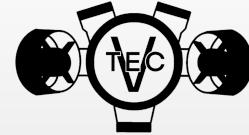
Next Steps

Timeline





Timeline



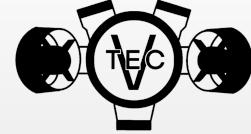
Progress

Next Steps

Timeline

WBS NUMBER	TASK TITLE	TASK OWNER	PCT OF TASK COMPLETE	PHASE ONE						PHASE TWO										
				WEEK 1			WEEK 2			WEEK 3			WEEK 4			WEEK 5				
				M	T	W	R	F		M	T	W	R	F		M	T	W	R	F
1	Sonar Integration																			
1.1	Fairing Sonar Bracket	Gabor	0%																	
1.2	Front Facing Bracket	Gabor	100%																	
1.3	Install Sonar on Fairing	All	0%																	
1.4	Testing	All	100%																	
1.5	Mapping Code	Mike	20%																	
2	Fairing Design and Manufacture																			
2.1	Fabricate	All	100%																	
2.2	Post Processing	All	20%																	
2.3	Fairing Brackets	Gabor	0%																	
2.4	Install Fairing	All	0%																	
2.5	Buoyancy/ Pool Test	All	0%																	
2.6	CFD	Stephen/Henry	0%																	
2.7	Laminate Strength Calculations	Stephen	75%																	
3	Buoyancy																			
3.1	Finish Code	Henry	90%																	
3.2	Finish Modification	All	100%																	
3.3	Pool Test	All	100%																	
3.4	Trim Weight Sled	Gabor	100%																	
4	Deployments																			
4.1	Deploy at pool	All	100%																	
4.2	Deploy in cave	All	0%																	
4.3	Deploy MFP	All	0%																	

MFP



Appendix

Progress

- Fairing Lamination Complete
- Weight Sleds Complete
- Buoyancy and Trim to Saltwater
- ROV Pilot Experience

Next Steps

- Spare Parts
- Pack Up
- MFP!

Progress

Next Steps

Timeline

