

## M:2:I Individual Task Report

**Weekly individual task reports are due no later than 12:00 p.m.**

Project Information	
Project Name	MAVRIC
Team name	ELECTRICAL
Your Name	Jensen Mayes
Week Number	8
Individual Status Report	
My tasks are currently:	On Track

Please put any comments below on your status with your tasks.

This week the rover was operational, but two of the motors were trying to run in reverse, so Alex and I switched the power terminals so that they would run the right direction. On Monday I worked with some of the underclassmen on troubleshooting the PWM signals from the PI for driving the motors to determine why the motors were acting strangely. We found the the PWM directly from the PI isn't clean enough so we made the decision to switch to a PWM hat for driving the motor controllers. I also looked at the Voltage Regulators to ensure that they were working properly.

Task Report			
Task	Due Date	Progress	Status
Working with Science Team on Power	3/22/2018	30%	On Track
Robot Drive System Motor Reversal	2/27/2018	100%	On Track
Learn More about ROS	3/22/2018	40%	On Track
Troubleshoot PWM output from PI	3/3/2018	90%	On Track
			On Track
			On Track
			On Track
			On Track
			On Track