

Date: 10/06/2014

Group Number and Name	DEC14-08 / PUMA ROBOT
Client/Advisor	Dr. Greg R. Luecke
Attendees/Role	Alex Grieve / Leader Nhat Pham / Communication Matthew Bogenschultz / Webmaster Zeyu Zhang / Key-idea-keeper Seth Taylor / Power Circuits

Past week accomplishments

What was done, who did it, and when it was done

- A: Nhat assembled our H-bridge design onto a proto-board for testing.
- B: Nhat and Matt tested the H-bridge and confirmed that it correctly dissipates the back EMF from the motors.
- C: Alex and Seth selected a power supply for the motors.
- D: Alex and Nhat determined how much power is needed to power the PWM circuits.
- E: Alex selected a pair of DC fans for the inclosure.
- F: Alex, Matt, and Seth started a full parts list.
- G: Alex, Matt, and Seth discussed controller enclosure design.

Plan for coming week

What to do, who, and when should it be done

- A: Order the power supply for the PUMA motors.
- B: Test our H-bridge PCB, make any changes to the design that we

need.

C: Finish central PCB, H-bridge, and PWM PCB circuits, send them out for manufacturing.

D: Complete the parts list and order the parts.

Pending Issues

A: We are running out of time to get parts ordered.

Individual hourly Contributions

<u>NAME</u>	<u>Hours this week</u>	<u>HOURS Cumulative</u>
Matt Bogenschultz	12	57
Nhat Pham	8	52
Alex Grieve	12	63
Zeyu Zhang	6	38
Seth Taylor	12	59

Comments and extended discussions: