

EE / CprE / SE 492 – sdmay32

Smart Saw

Week 7 Report

Client: Pachyderm Industries

Faculty Advisor: Long Que

Team Members: Jace Fedler, David Kruse, Ethan Bauman, Austin Mackedanz, Mitchell Kistner, Patrick Pham, Lance Longhorn

### Past Week Accomplishments

- Started work on XBEE board
- Initiating process of ordering new XBEE board
- Started framework for code

### Pending Issues

- Burned out the current XBEE board
- Regulating the input voltages to both the board and the saw

### Individual Contributions

Jace Fedler	Reviewed data sheets of Xbee and arduino to find what caused the XBEE board to burn
David Kruse	Refined controller electrical schematic
Ethan Bauman	Began coding of controller arduino and XBEE board
Austin Mackedanz	Began coding of controller arduino and XBEE board
Mitchell Kistner	Refined controller electrical schematic
Patrick Pham	Created and updated biweekly reports
Lance Longhorn	Continued designing the controller top.

### Plans for Coming Week

- Add sensors to saw

- Begin programming saw and testing sensor values