Meeting Notes @ Foundry

|  |  |
| --- | --- |
| Member | Present |
| Brooke | ✓ |
| Henry | ✓ |
| Garrett | ✓ |
| Tamra | ✓ |
| Raiyan |  |
| Jihan | ✓ |
| Edward | ✓ |

Meeting Summary: Found out what startup sequence we need to get motor running with RC controller

Did not work

Tamra rewrote the code for PWM

Used oscilloscope to trace what Arduino was saying:

Notes w/ RC Control

EXP 1 with RC controller with transceiver to motor

* Line 0 throttle to line 6
* 6 to 7
* This turns it on
* 8 is faster, but optional
* Revert to 5 instead of 0

EXP with RC controller and transceiver to motor

* Right to 7
* BAD

EXP with oscilloscope to see what signal is communicated with the tick marks

Period : 18.3ms

5th : 1.5ms

6th : 1.65ms

7th : 1.8ms

8th : 2.0ms

Initialize: 1.0ms

Ready : 1.65ms

Start : 1.8ms

SpeedUp: 2ms

Stop : 1.5ms

Actual

SENT 1: 1.45

SENT 4: 1.25

SENT 5: 1

SENT: 1

1: 1.45