Meeting Minutes - Week 5

February 9, 2015

Attendance:
       Team Members:
       Paul Gerver
       Joe Benedict
       Adam Campbell
       Jacob Rigdon
       Matt Vitale
       Ravi Nagaraju
       Tyler Kurtz

       Advisors:
       Dr. Phillip Jones
       Paul Uhing
       Matt Rich

Agenda Items and Discussion

1) Overview of WSR

- Regulator board constructed - testing will be performed today
- Logging
  - o Quad -Tyler and Adam have developed a successful solution for quad data
  - o Base-Station - Ravi and Matt V collaborated with OmniCoor on base station solution. Performed demo of their logging tool
- ESC pending issue needs to be checked - Tyler and Joe will be checking PWM waveforms with an oscilloscope

2) Website

- Changes will be made - Dr. Jones wants a refined and attractive website

3) Data logging

- Discussed saving raw data onboard the Quadcopter in binary in order to save memory space and faster download speed

4) Failsafe kill-switch

- Determined that it can be set up in-line in the system and controlled by the transmitter using one of the channels on the receiver