October 9, 2015 PDR Review Notes

These are some suggestions John had for our PDR presentation on Friday, October 9. Please note these may appear slightly incomplete since I was quickly jotting down important comments amidst our meeting.

1. No full sentences and larger font/ high contrast font on slides
2. Get rid of sub teams, instead use ‘System Architecture’
3. Add cost to all our component slides
4. What was the technical attribute for why we selected the antenna we did?
5. System level block diagram for each sub team
6. Do we have data dropout accommodations? What are the possible solutions?
7. We need to clearly state who the group is who certifies our components as ‘industrial’ grade.
8. Quantify requirements if possible.
9. Describe HASP data that is collected-early on in the presentation
10. Pictures of orbits-windows of opportunity
11. Are there current draw limits?
12. Provide a detailed timeline for an orbit. Use this to develop a power budget
13. We need slides that describe the system architecture of our CubeSat Team
14. Promised Deliverables should be included
15. Are there any above and beyond deliverables?
16. Our ConOp needs to be about the CubeSat, not the HASP experiement.
17. Volume and Mass Allocations

If we briefly go over these tips before Friday, October 16 we should have an exceptional PDR for in-class.