



## **ASU- High Altitude Tracking Solar Survey (HATS 2.0)**

Project Update: May '13  
Project Manager: Liz Dyer

Date: 5/31/2013  
Contact: edyer1@asu.edu

### **Summary:**

This month, our team went through Critical Design Review for HATS 2.0 on May 7<sup>th</sup> in our senior design class. We were focusing on finalizing the HATS 2.0 structure and attempt a testing and working model that was supposed to be ready for CDR. However due to the late arrival of our new servos, and issues with the code; we were limited to a 4 photoresistor demo. Programming our Arduino has progressed and is near completion. The tracking system has been built through 3D printing. New smaller solar panels and metal geared servos for the tracker were received late due to miscommunication in the mail office. The team is now prepping for integration and producing the final PSIP along with addressing RFAs from CDR.

Due to seniors graduating, the team work force has be significantly reduced. Jose, Jason, and Pye Pye have graduated and are starting their careers as of June and their accessibility will be limited. Project management has been transferred over to Elizabeth Dyer to ensure that the project receives the immediate attention it needs. Josh Lincoln, Jake Kloos, and Elizabeth Dyer will be participating in integration.

The following is division of labor and responsibilities have changed:

- Project Management: Liz Dyer
- Systems Engineer/Integration Lead: Josh Lincoln
- Deliverable assurance: Jacob Kloos
- On call: Pye Pye Zaw, Jose Lopez, and Jason Babbel

### **Key Accomplishments:**

- CDR
- Tracker semi functional
- Tracker mechanically built
- Website update

### **Upcoming Continued Tasks:**

- PSIP
- Addressing RFAs
- Integration
- Getting Arduino code online for full functionality
- Wiring

### **Questions for HASP:**

Please include Elizabeth Dyer ([edyer1@asu.edu](mailto:edyer1@asu.edu)) in the mailing list and keep Pye Pye on as Pye Pye will still oversee the project.