

April 29, 2016

To: Dr. T. Gregory Guzik - HASP Project Director
From: Hannah Weiher – Team Lead
RE: HASP Monthly Status Report

1. Activities

The Freewave radios are communicating with a simple checksum algorithm. Custom board design to house the radio in the payload stack has also begun.

Software with attitude determination is nearing completion. Full implementation on the flight computer has also started.

Power simulation hardware is working in a breadboard model and software integration of the simulation model is being coded.

2. Issues Encountered

Flight computer and power management boards sourced from GomSpace are delayed and may require a descoping plan dependent on estimated arrival time.

3. Milestones Achieved

Preliminary PSIP has been completed.

Summer team assignments have been set.

4. Current Student Team

Name	Gender	Ethnicity	Race	Student Status	Responsibilities
Hannah Weiher	F	Non-Hispanic	Caucasian	Graduate Student	Team lead
Charles Denis	M	Non-Hispanic	Caucasian	Undergraduate Senior	Detector Systems Lead Engineer
Jacob Gustafson	M	Non-Hispanic	Caucasian	Undergraduate Senior	Flight Computer Team Lead
Seth Willing	M	Non-Hispanic	Caucasian	Undergraduate Junior	New team member/Flight Structures Engineer
Joel Runnels	M	Non-Hispanic	Caucasian	Graduate Student	Technical Consultant (Detector engineering and physics)/Payload Lead
Ryan Vogt	M	Non-Hispanic	Caucasian	Undergraduate Sophomore	Detector Systems Physicist (Calibration and testing)

Name	Gender	Ethnicity	Race	Student Status	Responsibilities
Kendra Bergstedt	F	Non-Hispanic	Caucasian	Undergraduate Sophomore	Detector Systems Physicist (Calibration and testing)
Gaurav Manda	M	Non-Hispanic	Asian	Undergraduate Sophomore	New team member/working with Payload Sub-Team
Ilya Zubarev	M	Non-Hispanic	Caucasian	Undergraduate Junior	New team member
Michael Schmidt	M	Non-Hispanic	Caucasian	Undergraduate Senior	New team member
Justin Seifert	M	Non-Hispanic	Caucasian	Undergraduate Senior	Power Systems Lead
Timothy Kukowski	M	Non-Hispanic	Caucasian	Undergraduate Senior	Comms Lead
Nicholas Sloan	M	Non-Hispanic	Caucasian	Undergraduate Senior	Control Lead
Nick Janak	M	Non-Hispanic	Caucasian	Undergraduate Senior	Mission Design