

Gannon University HARD payload

Status Report #1

1/27/2012

1. Activities of the team members

- New team members were accepted to work on the HASP project
- New members were given a brief orientation on the project (what was being done as well as different components the project entailed)
- Began working on the Digital Processing Module testing and integration
- Photomultipliers and their amplifier circuits are being tested for functionality

2. Issues encountered during payload design / development

- Though an output was detected, the Radiation Detection Module is not fully functioning
- The equipment in the lab experiences calibration issues and is currently being tested for functionality

3. Milestones achieved

- Location Module integration has been completed, the tracking system has been tested and implemented

4. Current team members and leader

Three new students have been added to the team for HASP 2012, as well as a new team lead was chosen.

Robby Frantz, Electrical Engineering
Dan Grasinger, Computer Engineering
Nichole McGuire, Electrical Engineering (Team Lead)
Aaron Neiman, Computer Engineering
Joe Veneri, Electrical Engineering
Emily Wright, Electrical Engineering

Dr. Wookwon Lee, ECE Faculty Advisor
Dr. Nicholas Conklin, Physics Faculty Advisor