

HASP 2018 Monthly Status Report

Report Month: January
Submitted By: Lorenzo Narducci
Submit Date: February 1, 2018
Institution: University of Maryland
Payload Number: N/A
Payload Name: HAAT-TRIC

1 Activities During Previous Month

After submitting the original proposal, research began on designing the Data Relay System (DRS) for TRIC. Members of the team began looking at microprocessors, flash storage, and ADCs to fulfill the mission requirements. Several meetings were also held to discuss the future of the University of Maryland HASP team for 2018 and beyond.

2 Issues Encountered

The University of Maryland HASP team did not get a payload spot from the initial proposal.

3 Milestones Achieved

None

4 Plans for the Coming Month

In the coming month, the current plan is to resubmit the proposal with major revising. Most of the coming month's efforts, at least for the first two weeks, will be put into the new proposal. Beyond that, research will continue into what parts will be needed for the TRIC DRS. Research will also begin into the other parts that TRIC will need, such as a radio tracking system.

5 Other Comments

No other comments

6 Team Composition

We plan on having weekly meetings for organizational purposes where we discuss progress made and assign tasks that need to get done in the coming week and beyond.

Table 1: Personnel

Name	Start Date	End Date	Role	Student Status	Race	Ethnicity	Gender	Disabled
Cameron Butler	11/15/16	Present	Graduate Science Lead	Graduate	White	Non-Hispanic	Male	No
Lorenzo Narducci	11/15/16	Present	Undergrad Student Lead	Undergrad	White	Non-Hispanic	Male	No
Blaire Weinberg	11/15/16	Present	Undergrad Systems Lead	Undergrad	White	Non-Hispanic	Female	No
Michael Owca	11/15/16	Present	Mechanical Lead	Undergrad	White	Non-Hispanic	Male	No
Michael Walker	11/15/16	Present	Integration	Alum	White	Non-Hispanic	Male	No
Bianca Foltan	11/15/16	Present	Program Manager	Undergrad	White	Non-Hispanic	Female	No
Chukwuma Odigwe	12/21/16	Present	Electrical Lead	Undergrad	Black	Non-Hispanic	Male	No
Jessica Queen	12/1/17	Present	Mechanical	Undergrad	White	Non-Hispanic	Female	No
Olasunbo Salami	10/21/17	Present	Software	Undergrad	Black	Non-Hispanic	Female	No
Steve Lentine	12/10/17	Present	Tracking	Program Liaison	White	Non-Hispanic	Male	No