

## Team Pleiades (LSU) May Status Report

Student Team Demographics						
	Name	Role	Major	Classification	G.D.	Ethnicity
1	Jordan Causey	Mechanical Lead	ME	Sophomore	Spring 2018	Black
2	Joshua Collins	Electrical Lead	EE	Senior	Spring 2017	Caucasian
3	Allen Davis	Mechanical Design, Assistant Project Manager	ME	Junior	Spring 2017	Caucasian
4	Victor Fernandez-Kim	Electrical Design	ME	Senior	Spring 2017	Hispanic
5	Kyle Hamer	Software Design	PHYS	Freshman	Spring 2019	Caucasian
6	Brad Landry	Primary Contact, Project Manager	PHYS	Junior	Spring 2018	Caucasian
7	Adam Majoria	Software Design	PHYS	Senior	Spring 2018	Caucasian
8	Connor Mayeux	Software Lead	CSC	Freshman	Spring 2019	Caucasian
9	Samuel Reid	Electrical Design	EE	Senior	Fall 2017	Caucasian

Table 1: Student Team Demographics

1. Activities of Team Members
  - a. Creating and revising project requirements.
  - b. Continued preliminary design of Mechanical and Electrical sections and Payload Software.
  - c. Format revisions of Pre-PSIP document.
  - d. Preparing LSU's Solar Eclipse HD Video Streaming payload and Ground Station for the May 2016 ACES flight at CSBF in Palestine, Texas.
  - e. Assisting ACES Management with the 2016 ACES flight.
2. Issues Encountered
  - a. Due to finals week and the majority of the team having prior obligations to the Solar Eclipse project, a limited amount of time was devoted to SURMA II this month.
3. Milestones Achieved
  - a. Revised the Goals, Objectives, and Requirements of SURMA I for SURMA II.
  - b. Created a task list and Work Breakdown Structure.
  - c. Revised the format of the downlink telemetry table for the Pre-PSIP.
4. What will be worked on in **June**
  - a. Finalize the Preliminary designs.
  - b. Order necessary parts and begin payload construction once designs are finalized.

- c. Make changes to the Pre-PSIP once feedback is received and begin work on the PSIP document.