SPARTAN-V Colorado Space Grant Consortium Monthly Status Report

27 May 2011

During the month of May the SPARTAN-V team has completed software testing necessary to ensure flight capability.

The team is having trouble interfacing to the CCD being used in the payload's telescope because of interfacing issues between out motherboard architecture and the internal architecture of the CCD sensor. We are in contact with the maker of the CCD trying to work out what can be done to modify the CCD internal software so that it will be compatible with our system. The off ramp option is to purchase another motherboard.

The communication software has seen minimal issues that have been fixed through testing.

In the coming months the team needs to debug the software incompatibility between the CCD sensor and the system's motherboard as well as complete some house cleaning duties such as repainting the structure and staking down electronic connections.

Looking forward to August,

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