

TASK HISTORY	TASK TITLE Hello There	TASK NUMBER 2	PROJECT IREC Payload
TASK HISTORY AUTHOR Augusto Dantas de Oliveira	TEAM LEAD Augusto Dantas de Oliveira		TASK DOCUMENTATION Preliminary Parts Trade Studies
DATE	MILESTONE	REVIEWER'S INITIALS	
10/22/2018	Parts and Ideas Selection	AKM	

Why We Did

The process for selecting components to purchase for the payload and concepts to implement in the design of the payload should be carefully thought out decisions. Parts should be thoroughly assessed to ensure they allow the payload to meet the necessary requirements written and cemented in the past two weeks.

What We Did

Members of the payload team considered different parts for consideration for the payload. A full spreadsheet was compiled for the different parts, including the most pertinent information such as unit cost, subsystem(s) affected, and documentation. The ideas sheet was similarly compiled to facilitate the brainstorming and design process.

What Did It

The compiling of parts into this spreadsheet should continue for the next week. Any new parts found beyond then shall also be added to the spreadsheet. The addition of parts and ideas to one single destination is facilitating the initial design process.

Lessons Learned

Following last year, each part should be given a much greater degree of scrutiny before being purchased and implemented on the payload. Dividing the parts by the subsystem(s) they affect helps to compare and contrast similar parts. Sizing constraints should be kept in mind before adding parts to the spreadsheet.

Impact Statement

Impact