

BEACON TASK LIST

17/07/2018 – RICHARD BAMFORD – REDDITSAT

TASKS

Task	Detail	Date assigned	Date completed
Define the interface between the solar panels and the atmega chip.	How are we going to read the values from the solar panel voltages and battery information into the chip itself. I2C? Wires? Custom PCB?	17/07/2018	
Allow system to read and write to EEPROM under specific cases.	The identification number must be set once in EEPROM and read into RAM every startup. The reset counter must be zero'ed once in EEPROM on earth and then incremented and read into RAM every startup.	17/07/2018	
Define the interface between the atmega chip and the LoRa antenna.	How will we package the data and send it to the ground station using LoRa? Custom definition/protocol?	17/07/2018	