7 – Software Notes

04/05/2019

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* When transmitting a message to the satellite, it must be transmitted multiple times over a time span of around 1 minute in order to be “caught” by the LoRa loop.
* When in disabled transmitting mode the System Information packet is still transmitted.
* When started up the MPPT board is sent a digitalWrite(mppt\_pin, HIGH).
* When you change the satellite’s callsign, you must still send it FOSSASAT-1 at the start of the command because it represents the password NOT the callsign.

# 12/05/2019

* The hardware watchdog does not reset the satellite when in a delay loop. It only restarts the satellite if we stop the heartbeat and it still loops.