

Post-project items

- fix eddy's WiFi (already a JIRA item)
- find alternative to battery coolers that don't leak (upside-down a permanent solution?)
- change to Pi3 to allow station WiFi connection (only \$40*60 = \$2400). Have to consider or mitigate possible increased power consumption.
- Modify fuses such to use resettable fuses in line with higher current blowable fuses.
- Upsize all mote sensor fuses to accommodate TP01 (straightforward, though boring, soldering rework)
- Up-voltage serial frontpanel protection diodes to accommodate 24VDC (a lot of work since easiest if frontpanels pulled from DSMs)
- Move TRH fan controller circuit to inside PIC module (a lot of work, since all ~120 will need to be remade)
- Add/buy A/D input (via USB?) for Pi DSMs (cool would be an excess inventory of wisard boards, but presently expensive to wire up. COTS are available but moderately expensive at 16bit resolution: e.g. [LabJack](#) \$300ea)
- Replace empty fuses (that have been stolen to replace blown fuses) in DSMs
- Other DSM fixes: one blown brick; stolen stack at rne04; blown power front panel on rsw07?
- Arrange for a guest lecture/course on the topic of grounding!
- Tbox/Tdsm recorded?
- Data to field catalog didn't happen(?); informal transfers mostly did (but not from Porto?); many PI in-field requests weren't included in ops/data plan
- ops plan came out at end of project – did anyone read?
- rad cleaning – need to train staff
- rad orientation; soil placement – need to train staff
- post-cals on IR H2O/CO2 sensors needed (most didn't have precals, since new)
- Always make station diagrams – easier for staff to follow
- more 2-letter commands: md 1 (for mote_dump -i -1,1); pu (ping ustar), ...
- fix blueterm not using control keys (maybe by going to wifi and abandoning bluetooth...)
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