

To: LFEVY42016 Team
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Subject: QAR001d - Pack Controls

Abstract

This QA test involves navigating the menus on the LCD screen with the pushbuttons on the control panel, and resetting all circuit boards.

Technical Findings

PacMan software v0.14 current implements a limited set of menus (see QAR001c: Displays and Indicators). Navigation was tested and works as expected.

No values can be changed with the pack controls.

Resets work and the system boots up normally.

Recommendations and Conclusions

ATP lists the follow with regards to pack controls:

QAR001d - Pack Controls

1. Test navigation to each desired data, or set value, in all states.
2. Set a range of values via controls, in all states.
3. Reset PacMAN in all states.
4. Reset each AMS in all states.

PacMan software should be changed to allow changes to be made to values stored in EEPROM. More information about these changes can be found in the memo QAR001c: Displays and Indicators (<https://sites.lafayette.edu/ece492-sp16/files/2016/05/QAR001c.pdf>). The controls fail acceptance tests.