

MOOS Mooring Controller Riser Cable Terminations Design PDR - notes

Review: 10/16/02

Presented by lance McBride

Present: Lance, Mike R., Duane E., Mark C. (notes)

Review was of the MOOS mooring controller pager reset design.

General comments:

1. Issue raised that there is no protection against wrong pager number calls causing controller reset.
Discussion: This is consistent with the requirements on the test deployment (set by Mark C.) to not require protection against wrong numbers. Evaluating the potential data loss risk of not having the ability to remotely reset against the potential data loss of wrong number resets and our schedule, it seems most important to get a functioning remote reset. Adding wrong number protection IS desirable if it does not decrease overall reliability or cause significant schedule impacts.
It is thought that pager number can be changed if wrong numbers become a problem - Lance to check.
2. Suggestion to use power-up time delay function in the PIC processor on start-up.
3. Pager reset circuit should not generate reset on power up or at any other time unless page number is called.