Team DEADS

Team meeting minutes

16 Oct 07

Present at the meeting: Justin, Lassen, Ngon, Travis, and Dr. Johnson

Minutes:

- Greg Swanson is in charge of the web server. See him to fix the SSH problem.
- Contact Dave about using a # of detonations scheme vs. a time base scheme.
  - The BS1 processor does not have a timer, nor can it be used with interrupts, therefore it an absolute run time cannot be implemented with random time between detonations.
- Wire the regulator to the receiver.
- After speaking with Dave, the system failure mode will be system/cannon off. This is the natural failure mode for the system, as less power is required to close the valve than open it.
- Remaining tasks:
  - Order receiver housing
  - Order trimpot
  - Design/build receiver housing
  - Finalize sensor housing design
  - Add controller-receiver input
  - Documentation
  - Testing
- Tasks for this week:
  - Justin: Wire the contact switch and mount it to the board.
  - Lassen: Find trimpot, write a rabbit program to count switch closures.
  - Ngon: Program BS1 to operate valve continuously.
  - Travis: Order parts.