Digitizing Old Technology for the Purpose of Bettering Humanity
Objectives

Our goal is to completely makeover the Bison 1580 seismograph with an efficient, up-to-date design using state of the art equipment.

Design Milestones by Sept. 14th:

i. Final Layout for LPF stage.
ii. Finalize Interrupt code stage.
iii. Research and order standardized seismograph cables.
Completed Tasks

- LPF Design stage
  - Single supply low pass filter design
- A/D Conversion
  - Tested A/D conversion code on Dragon12
- Website Development
  - Completed initial website. (Approve links before upload)
Ongoing/Pending tasks

- Friday project review meeting. (keep track of schedule)
  - Website weekly updates.
  - Project schedule updates.
- Order and receive alternate geophone connectors (extended deadline).
- Research a flash/external memory I/O scheme.
Upcoming tasks

- Develop Motorola HC12 flash test routines.
- Implement flash/external memory hardware.
- Develop prototype software to interface output GUI.