**Dec12-04 Ultrasound Brain Imaging System**

**Weekly Report - 3 (Jan 31 – Feb 6)**

Group Members: Justin Batcheler, Jon Driggs, Francis Ferrer, Allen Kellar, Richard Page, Amairani Tapia

Faculty Advisor and Client: Dr. Timothy Bigelow

**Accomplishments of the last week**

* Dr. Bigelow agreed on the corrections made to the block diagram of ultrasound.
* Continued to gain knowledge and research on ultrasounds and how they work.
* Group website is up.

**Plan for coming week**

* Begin working on the project plan.
* Contact Sound Technology and possibly acquire a probe design of their ultrasounds.
* Work on obtaining electrical characteristics of a transducer.
* Start working on the electrical design of the ultrasound.

**Pending issues**

* Project Plan due on February 15th.

**Individual contributions – identify specific tasks accomplished**

* Jon assembled a list of technical requirements as well as a skeleton of our project’s schedule.
* We are focusing on researching specific parts of the block diagram.
  + Justin: Analog Delay
  + Francis: Transmit and Receive Circuit
  + Richard: Waveform Generator
  + Amairani: High Voltage Amplifier
* Allen is continuing to research general topics.

**Meetings**

* Our group had a meeting on Wednesday with everyone in attendance.
* Our group had a meeting with Dr. Bigelow on Friday with everyone but Allen in attendance.
* There will be no meeting with Dr. Bigelow this Friday morning.