**Dec12-04 Ultrasound Brain Imaging System**

**Weekly Report -2 (Jan 24 – Jan 30)**

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**

* Met with Dr. Bigelow and made corrections to block diagram of ultrasound.
* Continued to gain knowledge and research on ultrasounds and how they work.
* Starting to get an idea of a circuit design for one channel of the ultrasound.

**Plan for coming week**

* Update ultrasound block diagram.
* Start researching current patents for 128 channel output generators with phase control.
* Start researching to see if we can find a chip that can delay an analog signal to the nanosecond range.
* Set up a weekly meeting with Dr. Bigelow to discuss progress.
* Get group website up in the next few weeks.

**Pending issues**

* Project Plan due on February 15th.

**Individual contributions – identify specific tasks accomplished**

* Jon put together a block diagram of an ultrasound.
* After having a better idea of the project everyone in the group is researching on more specific areas.

**Meetings**

* Our group had a meeting on Wednesday with everyone in attendance.
* Our group had a meeting with Dr. Bigelow on Friday with everyone in attendance.