

Michael S. Barnes: The past week was spent learning the specifications that are required to use the A4960 predriver. Understanding the signals that are being sent from the predriver as well as the electrical characteristics of these signals is vital to designing a working motor control circuit. The weeks to come will be spent designing the motor control circuit to interface with the predriver. At this point my work on this project is on pace to be completed on time.

Evan J. Dinelli: Found and corrected problems with the capacitors on the MAX3232 and added capacitors to the 5V regulator circuitry. Added serial receive functions to the ATmega1284 serial code and created a task list to do over Christmas break. The project work is behind and will be caught up on over the break.

Dan R. Van de Water: I have attempted connection with the A4960 predriver and failed to get an output. It was determine that I need to read the diagnostic data to verify the contents of the predriver. This is my next task. I am currently one week behind schedule and will be making up time in January to maintain the deadline specified in our schedule, as hopefully work ahead of schedule to compensate for any unexpected problems.