Team America
2/1/2011
Leader: Michael McSorley
Minutes: Billy Parker

<center>Agenda #2</center>

1. Billy and McSorley - Review of the preliminary MOSFET board design.
    a. Schematic
        1. Get feedback from RMS
    b. Go over parts we want to use.
2. George - Meeting with Dr. Bauer to finalize user specifications
    a. Complete a list of all subsystems
3. Bill - GPS
4. George - Type of current sensors to be looking at
    a. DC vs. AC
    b. Sensors with built in A/D conversion, or should we look at doing that?
5. Generator subsystem being demonstrated week of March 7th - 11th

Generator Subsystem:
Will be able to turn the generator on and off according to predetermined voltage threshold values on the ultracapacitors.
Included in this will be turning the starter motor solenoid, fuel solenoid, and glow-plug on and off.
The information to turn the starter off will come from a voltage sensor on the current end of the generator and the information to turn the generator off will come from a voltage sensor on the ultracapacitor stack. An A/D converter will be converting the voltage values and sending them to the microcontroller.
A microcontroller will be coordinating the I/O to make this system function.
Will be able to turn truck power system on and off from cab.