Meeting Minutes 2-17-2014

Members absent: Drew (on interview)

Updates:

Constantine has not made a lot of progress on the case.
Decided that the physical case itself is out of scope, we will substitute a "display case" of lexan for testing and display purposes.

Rob has drafted a User's Manual. It needs some revisions. Ben R has commented in the doc.

Naing and Drew have submitted a requirements Memo outlining their choice of processor. They will move to purchase it as soon as possible.

Decided to move current sensor to PM Board (See memo regarding this decision).

Next Tasks:

Rob - Rewrite Users' Manual based on comments
   - Handle purchase of microcomputer and associated items
   - Update Scope of EV Rules to reflect eliminating competition-ready case from scope

Drew and Naing - Purchase microcomputer
      - Decide LCD display to use
      - Drew layout PM interface board
      - Naing Tech memo on programming language and OS
      - Give dimensions for PM board to Constantine/Ben D
      - Get Prof. Yu's CAN card and write an example test interface

Ben R - Get DxDesigner Working
   - Rev BMS Board
   - Talk with Constantine about Heatsinks on BMS boards
   - Update System State Drawing
   - Update ATP with 3 sections: Charging, Discharging, Motor
   - Create Diagrams for ATP Test configurations
   - Submit Memo outlining current sensor placement decision

Ben D & Jake

- Contact Tom DeFazio and Harry Folk about water and electric
    - figure out where the dyno and test bench and whole setup will go in AEC
- Make Requirements matrix about dynos
    - possibility of renting out a place..
- Start proposal for out of budget purchases
    - presentation
    - letter
- Determine minimum operating specs for running motor and controller
    - Amps
    - Volts
    - Prof Nadovich's power supply or
- Determine minimum specs for dyno
    - Also how do we get the readings from it
        - Laptop?
        - Wire?

Constantine & Ben D   - Finish preliminary pack layout design in Inventor
                - research heat sinks (talk to Ben R)
                - look into smaller/more efficient fuse/fuse holder
                - redesign connectors to top of pack
                - take into account display/PMS