Continued from page

Agenda
- Boba, Dana, & Chris CTD
- AI
- Amplifier/DC/DC converter
- Programming
- PSU
- Assign AI
- Feedback

AI
- 50A MOSFET may be hard to get/execute
- Noreen spoke about w/ him
- Paper -> Numbered sections by EOB
- Schedule -> Needs to be done
- LD meeting notes to David
- David working on notes

Amplifier- DC/DC
- Difficult to find one that will output that 1 Amps
- Search on OP AMP based current sources
- LD existing packages & modifying
- APEX & TI

DC/DC converter
- LD PSU -> HP PSU available downstairs

David - Pulse chargers
- Has car battery charger -> 50A... Look at to see what

Diode -> Free
- Free wheeling Diodes, or may use paralleled Diodes
- Power Diodes available in Power Lab

6V x 50A = 300W
- No need to dump back to the grid

Programs
- Program communication between DAQ -> Rabbit
- LD Dr. Wall -> PWM buildin? Use of one of the boards
- Need to figure out Yes the feedback signals
- Opto-couplers
- Program the schemes -> Block Diagram - each independent
<table>
<thead>
<tr>
<th>AT Name</th>
<th>Task</th>
<th>Due</th>
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</thead>
<tbody>
<tr>
<td>All</td>
<td>Create Block Diagrams of schemes</td>
<td>Monday</td>
</tr>
<tr>
<td>David</td>
<td>Bring Charger CI chargers</td>
<td>Monday</td>
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<tr>
<td>All</td>
<td>Investigate HP PSU for functionality</td>
<td>CoB</td>
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<tr>
<td>Chris</td>
<td>Schedule Meeting Notes to David</td>
<td>Monday</td>
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<td></td>
<td>Talk to Dr. Wall about Hp</td>
<td>Monday</td>
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<tr>
<td>James</td>
<td>Diodes - UsabilityAPEX &amp; TI Amplification</td>
<td>Monday</td>
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<tr>
<td>Chris</td>
<td>Paper &amp; Documentation</td>
<td>Monday</td>
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</tbody>
</table>

**Feedback**

James to Chris

- S - AT assigning well
- S - Organization has helped
- I - Meeting Deadlines
- I - Punctuality is big issue

David → Chris

- S - More other project will be great addition
- I - More time on this project

David from Chris

- S - Lots of help with reading & contribution
- S - Punctuality has been phenomenal
- I - Voice opinion more

James to David

- Research has been great & help us progress
- Steers in right Direction
- Read w/ Highlighter

Chris to James

- S - Good ideas to help us see big picture
- S - Opinions voiced
- I - More time on this project

LBT

[Signature]

DATE: 1/23/09