**Agenda**

- ATs
- SOW
- Scheduling
- Concept Design

**Attending**
- James
- Chris
- David

**James** - Kostanai - Not Done
- Emailed CNB - No Response

**David** - Delta
- Developed for Ni-CAD, being tested on VRLA
- Feasibility - can charge Do Averaging over small Delta
- No control based upon this
- Can use either charger... purpose is to cut-off methods at appropriate times
- No difference in power consumption
- Gain - Cycle life 100% on test batteries
- Capacity retention - Cycle life is measured on 50% capacity
- Discharge down to 2/3 state of charge... Need to look @

**David, James** - Feasibility of charger to switch 2/3 out of charger documentation

**David** - Feasibility of Delta

**James** - Email Tim Klein website

**Chis Dugas** - CT specifically for QC
- Can't go further until I know what Al already did... don't know power req until then
- Find out more amp and current each can pull out... per cell

- Timeline needs to be refreshed for webview

**Scheduling**
- Need to schedule more meetings a week
- Will meet Mondays as usual
- Will meet Thursday's during or after Senior design

**SOW**
- Editing
- Tasks to be completed under each one, responsibilities
- Deliverables under each Item
- Timeline
- Lead to a specific SOW
TITLE: Team Meeting #7
PROJECT: Auto Volt

1. Assess current system - function
   - Parameters
     - Discharge rate
     - Charge rate
     - # of cells
     - Ratings of cells
     - Capacities
     - Voltages
     - BOL, EOL
     - Power requirements

2. Scheme
   - Charging profile
   - Discharge profile
   - Peak power requirements of current charge cycle
   - Configuration
   - Limitations
   - Wire ratings
   - Grid regulations (shore power)
   - Time limitations
   - Cost of installation
   - Life of batteries
   - Configuration
   - System limitations
   - Cost of installation
   - Time limitations
   - Grid regulations (shore power)

3. Research
   - Find possible schemes to implement (6 schemes)
   - Power rating of each scheme
   - Configuration of batteries
   - Cost of installation
   - Time to implement schemes on vessels, impact of implementability

Deliverable: Decision Matrix
   - Report on final decision and choice
   - Report on overview of all others

Due: Thursday, Oct 30th (Begin of school till...)

Due Timeline: Due 16th, November

Tasks
- 2 schemes report identifying items above
- Compile information into matrix, comparable parameters
- Compile reports into larger report

By Monday - Have 4 schemes ready to compile

[Signature]
10/22/05
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<td>* Finish old AIs</td>
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<td>* Read Battery charger section 3</td>
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**All**