LFEV Status Letter

Week 14 - 5/04/15
LFEV

Team Milestones

VSCADA:

Software tested with DYNO. GUI improvements including accessing and controlling database, input validators, and ability to graph.

DYNO:

Last week: Software interface with VSCADA tested. QA tests for voltage and rpm were run. Incorrect power calibration factor was corrected. Documentation was continued.

Next week: Continue testing interface with VSCADA to implement more features. Finish documentation. Prepare for presentation.

TSV:

Last Week: BoB errors fixed and it is now working properly. Wrote code for interfacing with charge and discharge microcontrollers. Documentation updated for new system design.
Next Week: Assembly of the pack, finish coding, testing.

GLV:

Last Week
Group Milestone
- ATR

VCI
- QA Test PCB

TSI
- QA Test PCB

GLV Power
- QA Test
- Assemble into Mechanical System
- Integrate with side panel

GLV Hub
- (waiting on fab)

Side Panel
- Mechanical and electrical assembly of System

- QA Test

Wiring
- Cable construction

Next Week

Group Milestone
- Integrate! Integrate! Integrate!
  - Inter-GLV Integration
  - Extra-GLV Integration
- ATP Test
- Document Update

GLV Hub
- Assemble

TSI
- Assemble TSI mechanical board

VCI
- Assemble VCI mechanical board
- Wire VAB Computer, VCI Board, MicroController, Touchscreen display

Cockpit Panel
- Mechanical and electrical assembly of System
- QA Test

Money Spent

Team	Money Spent	Money Remaining
SCADA	$962	-$247.40
GLV	$1,078.96	$318.94
DYNO	$750.04	-$602.04
TSV	$2,104.61	$934.49
Shipping	$432.41	
Total	$5,328	-$328

Other Budget Notes:

Action Items:

Poster
DVD
Presentation on Friday
Backups and Documentation - Clean/Publish Google Drive