LFEV Status Letter

Week 13 - 4/26/15
LFEV

Team Milestones

VSCADA:

Communication link with Dyno is tested.
System demonstration/code freeze this week.

DYNO:

ATP testing will be continuing. Documentation of all dyno components under way.

TSV:

Last Week: We wrote code for communicating with the AMS. Amended the ADC library and the CAN and I2C libraries to compile and work with the correct registers. Wrote the code for temperature sensing and safety loop functionality. Soldered the BoB (except for three chips which were ordered with the wrong package)

Next Week: Solder the three chips on the BoB, test AMS communication. Write code for LCD screen and pack voltage, charging current and discharging current.

GLV:

Last Week

VCI
- Assembly VCI Board
- Mechanical Drawings finalized and sent for fab (mid week)

TSI
- Assemble TSI Board
- Mechanical Drawings finalized and sent for fab (mid week)

GLV Power
- Send drawings to fab (early week)
- Program arduino
- Wire power system together

GLV Hub
- Send out fab (late week)

Cockpit Panel
- Send drawings to fab

- Assemble Safety Circuit PCB

Side Panel

- (Waiting on fab)

Next Week

VCI

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

TSI

- Assemble TSI mechanical board
- QA Test

GLV Power

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

GLV Hub

- (waiting on fab)

Cockpit Panel

- Mechanical and electrical assembly of System
- QA Test

Side Panel

- Mechanical and electrical assembly of System
- QA Test

Wiring

- Cable construction

Budget:

Money Spent

Team	Money Spent	Money Remaining
SCADA	$962	-$247.40
GLV	$1,032.61	$365.29
DYNO	$750.04	-$602.04
TSV	$2,092.76	$946.34
Shipping	$432.41	
Total	$5,270.22	-$270.22

Other Budget Notes: