

Project Status Letter

PSL Number 03-ALL-GG

Covering period from 2/6/16 to 2/12/16

Prepared by: ECE 492 Design Team

Tasks that have been completed in the previous week:

TSV: Tool Chain working, pencil+paper drawing of control panel

GLV: GLV Voltage/current rating determined, AIRS test document compiled, IMD part confirmed and ground fault detection tested

GLV+TSV : GLV safety loop interface design established

VSCADA: two developer environments set up, UI sketch completed

MCM: Discussed literature with Professor Yu, Created list of measurands for data acquisition, E-Mailed Boise State Professor regarding motor+controller modeling technique

Tasks ongoing

Team - Revising ATP for resubmission

GLV - Designing rack panels for safety loop components, establishing procedure for programming JGB, designing TSI

VSCADA - Graphing spoofed CANBus, Adding logging to subsystem models, completing basic read only user interface for maintenance mode, working on reading in virtual CANBus

TSV - Correcting PCB for PackMan, selecting parts and creating CAD drawing for control panel, developing I2C and CAN software for PackMan, interfacing for VSCADA for CAN communication

MCM - Devising scheme for motor+controller modeling,
acquiring data for static characterization

Tasks due to be complete next week.

Team - Revised ATP complete for resubmission by Friday

TSV - I2C and CAN able to be demonstrated, PCBs and parts ordered

VSCADA - Able to read in virtual CANBus

GLV - JGB programmed, safety loop rack mount panel built,
high level safety loop wired, latching reset button ordered

MCM - Data acquired for static characterization,
motor+controller system modeling scheme established

Overdue tasks

GLV- On/Off System Parts List, JGB Parts List (deadlines reevaluated and pushed back)

Cost Summary

Budget Category	New This Period	Total Spent to Date	Budget Remaining	Total Budget
TSV	\$0	\$0	\$850	\$850
GLV	\$0	\$0	\$900	\$900
VSCADA	\$65	\$65	\$335	\$400
Cabling	\$0	\$0	\$300	\$300
MCM (Motor Char. + Model)	\$0	\$0	\$250	\$250
Shipping	\$9.50	\$9.50	\$290.50	\$300

Receiving Report

N/A

Purchase Requests

- CAN to USB adapter (Appendix I)

Appendix I:

	Course:	ECE 492		Req Number:		001
	Professor:	Nadovich/Yu				
	Requested By:	Joseph Cericola		Vendor:	8devices	
	Requested Date:	8-Feb-16		Web Site	http://shop.8devices.com/index.php?route=common/home	
	Ship By:	Ground		Phone	37060965549	
#	Quantity	Vendor Part	Description	Unit Price	Total Price	Rcvd
1	1	USB2CAN	USB/CAN adapter	\$65.00	\$65.00	
				Shipping Fees	\$9.50	
				Grand Total:	\$74.50	
		Instructor Approval:				
		Department Approval:				
		(Over \$500)				