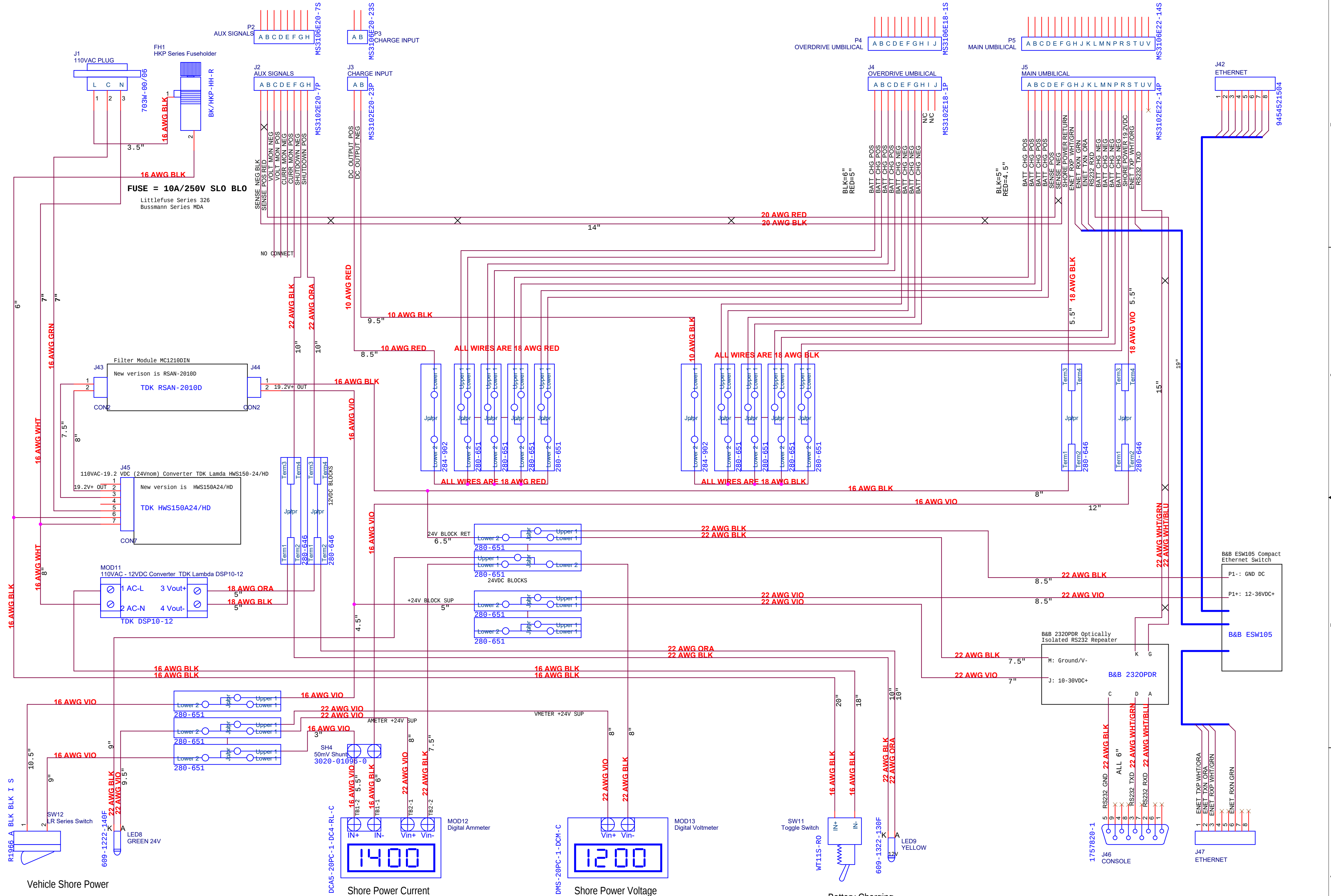




OPERATIONAL NOTES:
Power switch on external power strip turns on power to 19.2V power supply which powers panel meters, RS232 isolator and ethernet switch.
Vehicle Shore Power switch closes circuit to send power to vehicle motherboard (currently set at 17.5V)
Battery Charging switch turns on 12V power supply which powers sense lines on external power supply to initiate charging.

- Rev B: 7/23/14, BWH, Rewired Main Umbilical to RJ-45 to swap Org with Org/White and Grn with Grn/Wht
Rev C: 8/11/14, PC, Added switch to make shore power to motherboard interruptable while keeping comms active. Changed all comms power to 24V supply (set at 17.5).
Rev D: 8/11/14, PC, Removed main power switch. Wired 24V supply directly into AC in to power up comms when plugged in.
Rev E: 10/23/14, PC, Added terminal blocks for shore power switch and LED to make wiring easier.
Rev F: 12/05/14, PC, Wired meters to shore power switch so voltage/current won't be displayed unless switch is on.
Rev G: 05/19/17, PC, Added part numbers to components for BOM purposes. Corrected a few WAGO terminals that had incorrect number of circuits.
Rev H: 05/22/18, PC, Added lengths to wires.

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Tethys Battery Charging Housing

Number <Doc>

Size C

Engineer Many...

Layout Layout Eng.>

Filename 100221381-02

Rev G

Date: Wednesday, November 06, 2019

1 Sheet

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