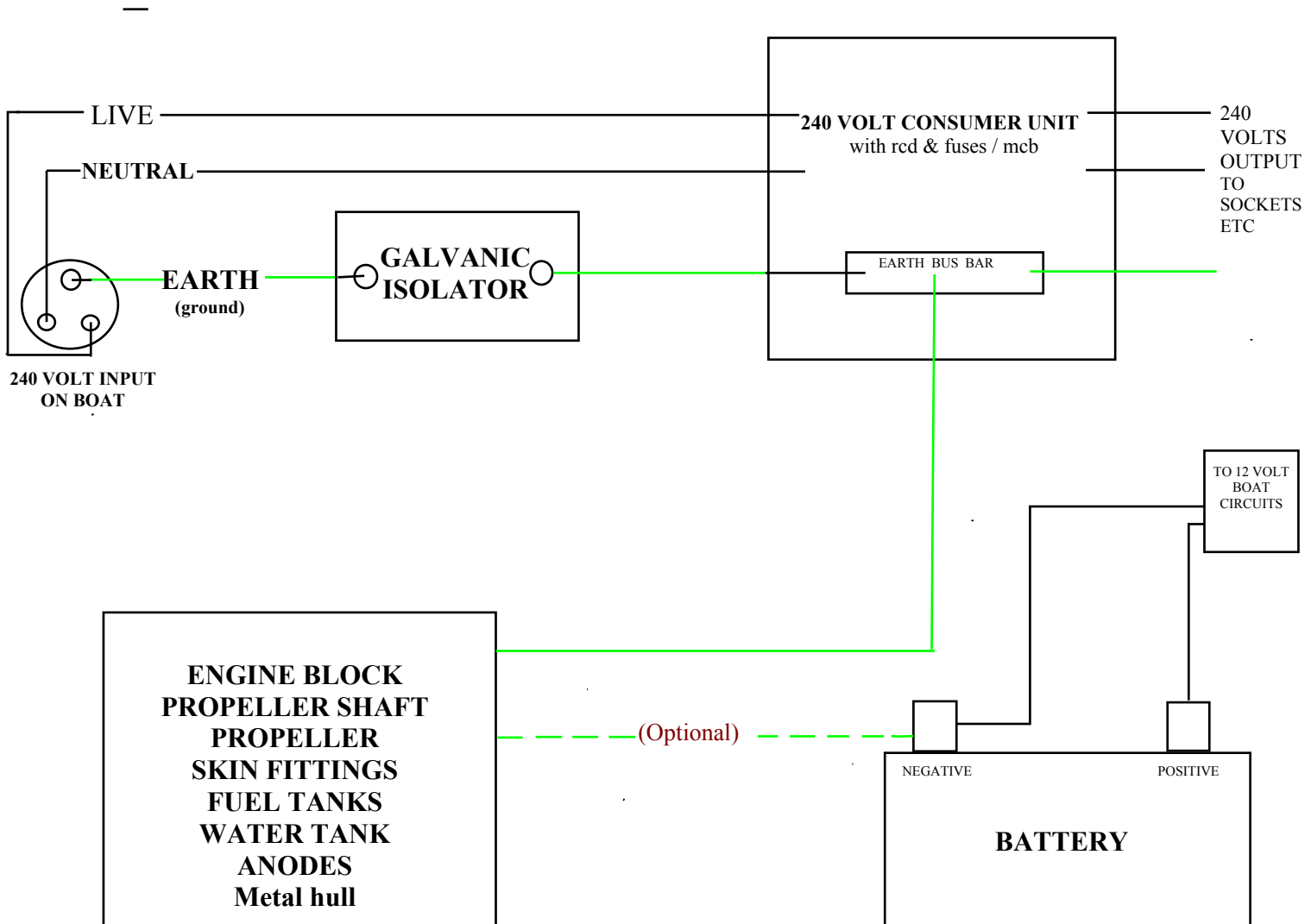


Wiring diagram overview : Isolator installation



Safe bonding practice & recommended wiring diagram

All the underwater “metalware” is bonded together via common bonding strip to minimise any voltage differentials & “hold” them all at one constant voltage: This helps control interaction between metals & reduces corrosion & is standard practice on all modern vessels.

The green earth wire is essential : It provides a bonding between the metalware of your boat & the incoming earth wire from your shore power inlet. In the case of electrical short circuit or heavy fault leakage **the green wire** provides a direct path back to mains shore power earth via the isolator. Rcd & fuses in the consumer unit sense the fault current & disconnect the incoming mains supply.

Correct installation provides maximum safety onboard : Please consult a qualified electrician if unsure.

Galvanic isolation limits the increase in corrosion due to shorepower connections. Sacrificial anodes must be regularly inspected and maintained to ensure maximum galvanic protection for your vessel.