

Sample Corrosion Survey

Vessel: "Going Knots"	Date: July 4, 2012
Location: Marina slip	
Test 1: Hull Potential	
Engine block	-925 mV (okay)
Test 2: Bonding System	
• Propeller shaft	-925mV (okay)
• Struts	-930mV (okay)
• Seacocks	-930mV (okay)
• Thru-hulls	-930mV (okay)
• Rudder post	-200mV (way too low)
Test 3: Galvanic Isolation	
• AC shore power disconnected	-925mV (okay)
• AC shore power connected	-890mV (galvanic isolator needed)
Test 4: Electrical Leakage	
DC power generating devices:	
• Battery charger w/ max output	-920mV @60A output (okay)
• Main engine alternator	-850mV @30A output (poor)
• Genset alternator	-925mV @1A output (okay)
DC power consuming devices:	
• AC Inverter w/ max. output	-830mV @100A output (bad)
• Freshwater pump	-925mV (okay)
• Macerator pump	-925mV (okay)
• Windlass	-925mV (okay)
• House lights	-925mV (okay)