

Marine Battery and Electrical Log

Track battery voltages as a series rather than a single reading, so a bank that is dying is obvious well before it strands you.

A record of the battery bank, its charge readings, the anodes and the electrical system on a boat, where almost every flat battery turns out to be a corroded terminal.

Vessel

Make & model

Year

Charger / controller

Shore power fitted?

Solar fitted?

BATTERY BANK

fill in once, then update when a battery is changed

No.	Bank	Chemistry	Capacity	Fitted	Replace by	Where
	start / domestic	flooded, AGM, gel, lithium	Ah			

ANODES

shaft, rudder, trim tabs, engine, hull

Date	Location	Wear	Replaced	Notes

SHORE POWER, SOLAR AND WIRING

- ☐ Shore lead, plug and socket — no heat damage, no corrosion, no cracked insulation
- ☐ RCD or breaker tested with its own test button, not just looked at
- ☐ Galvanic isolator or isolating transformer checked where one is fitted
- ☐ Battery isolator switches operating, labelled and reachable in a hurry
- ☐ Terminals clean, tight and protected — this is where the fault usually is
- ☐ Fuses and breakers correctly rated for their cable, and labelled
- ☐ Cable runs supported, and nothing chafing where it passes through a bulkhead
- ☐ Nothing live sitting in the bilge, and bilge pump wiring above bilge water
- ☐ Charge controller settings matched to the battery chemistry actually fitted
- ☐ Solar output measured in sun and written in the log below

CHARGE AND CONDITION READINGS

Date	Bank	Resting V	Under load	Charging V	Charged by	Notes