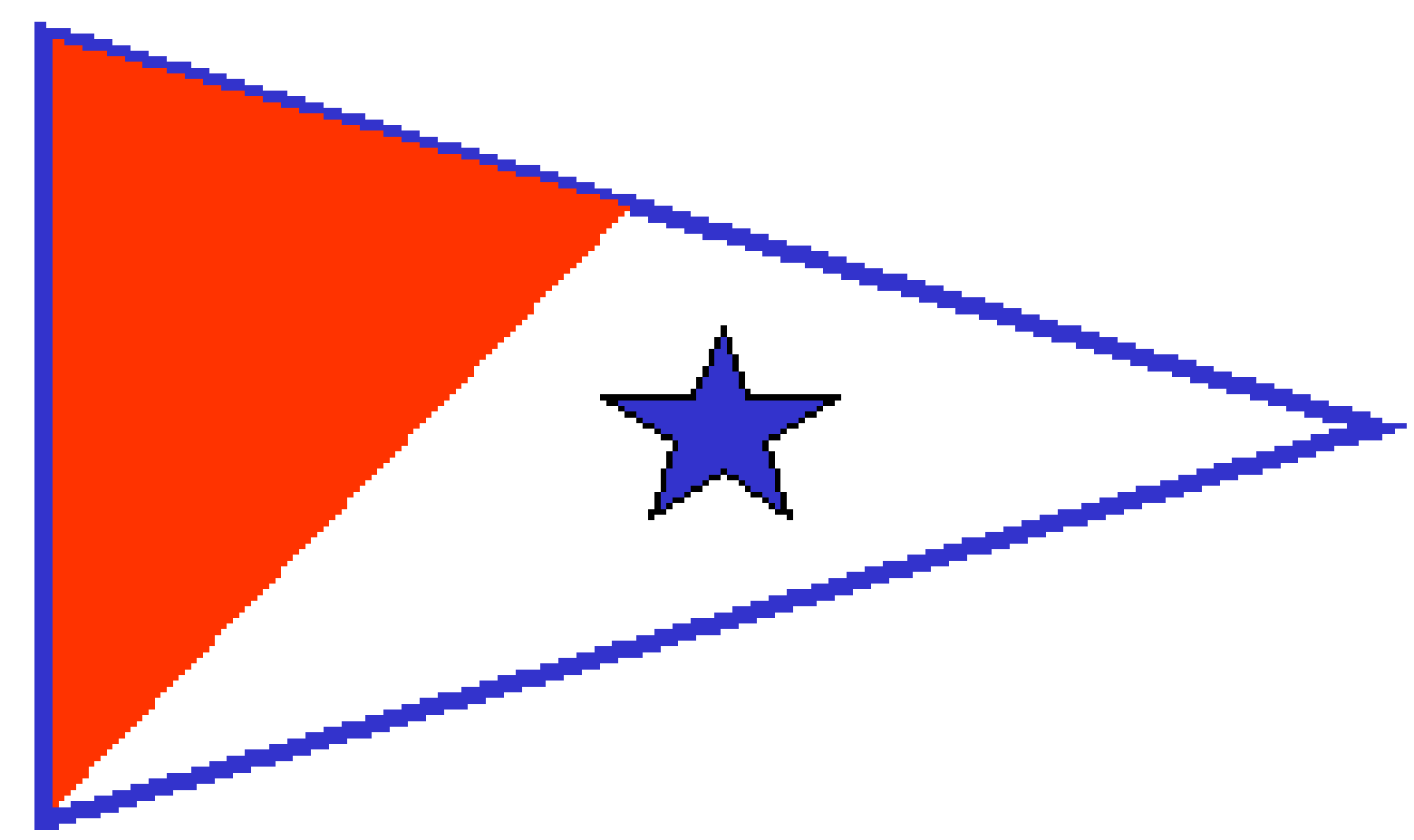


Olympia Yacht Club



Presents A Series of Seven Classes for ALL Puget Sound Boaters

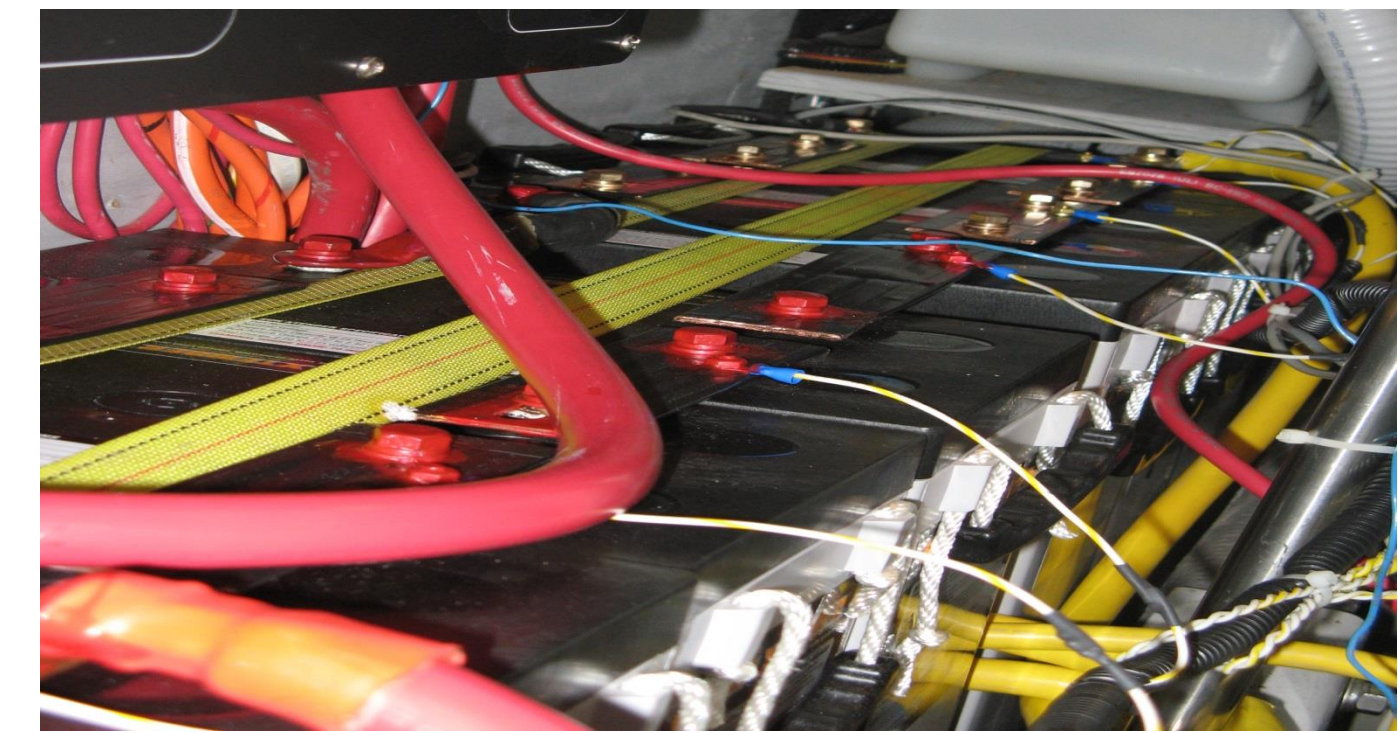
Classes Held at OYC Clubhouse PC Jerry Budelman, Instructor.

Cost is \$30 per class Visit websites below for details and registration

MARINE DC ELECTRICAL SYSTEMS: SAT. MARCH 9, 8AM-NOON

- ❖ Introduction & tutorial of DC systems
- ❖ Batteries, charging, wiring, maintenance, safety
- ❖ Measurement/monitoring & troubleshooting
- ❖ Tips for avoiding problems

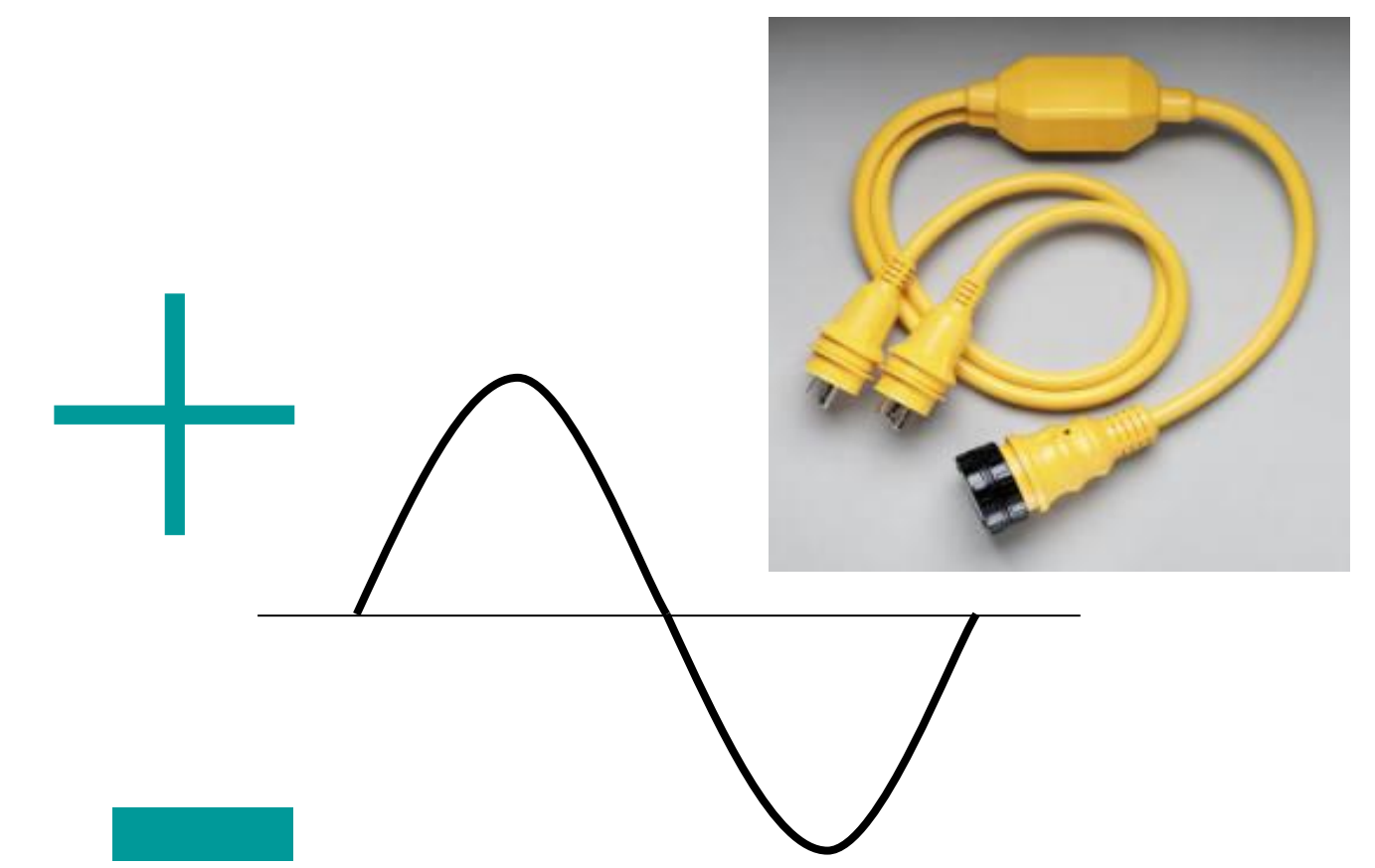
<https://oyc-intro-to-dc-electrical-systems.bpt.me>



MARINE AC ELECTRICAL SYSTEMS: SAT. MARCH 9, 1:30-5:30

- ❖ Introduction & tutorial of 110/220 volt AC systems
- ❖ Shore power, ground fault breakers, safety
- ❖ Galvanic isolation, appliance management
- ❖ Boat wiring, tools & troubleshooting techniques
- ❖ DC class above is suggested prerequisite

<https://oyc-intro-to-ac-electrical-systems.bpt.me>



INTERMEDIATE MARINE ELEC. SYSTEMS: SUN. MARCH 10, 8AM-NOON

- ❖ Installation of battery monitors, inverters
- ❖ Smart charger selection/installation
- ❖ Battery bank configuration & wiring
- ❖ Galvanic corrosion, isolation transformers
- ❖ DC/AC classes are suggested prerequisites

<https://oyc-intermediate-marine-electrical.bpt.me>



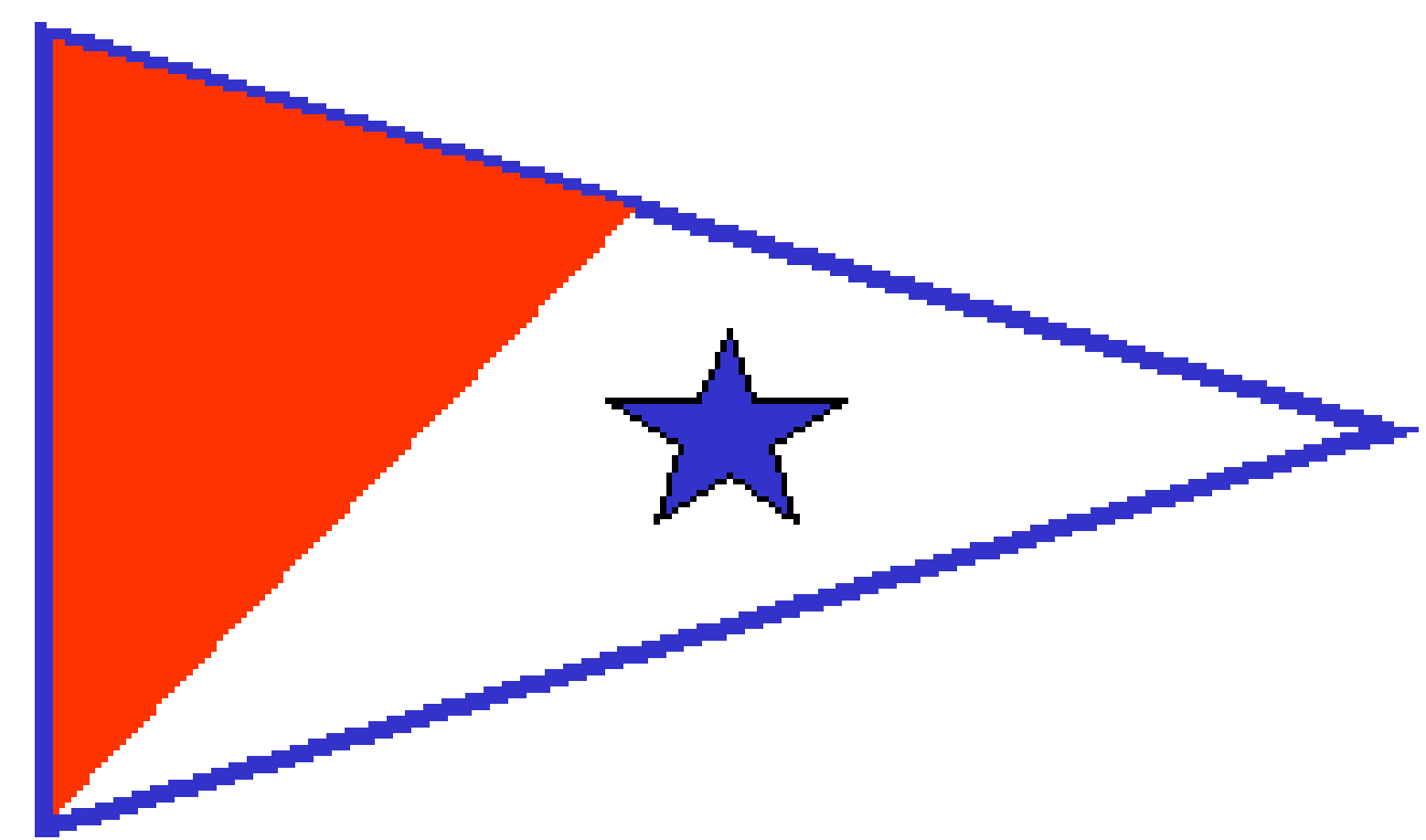
ELECTRICAL TROUBLESHOOTING : SUN MARCH 10, 1:30-5:30PM

- ❖ General Process for Troubleshooting
- ❖ Tools Needed & Usage
- ❖ Hints & Flowcharts for Common Problems
- ❖ Chargers, Starters, Pumps, GFCI,
- ❖ Radios, Lights, Outlets, Inverters etc.

<https://oyc-electrical-troubleshooting.bpt.me>



Olympia Yacht Club



INTRODUCTION TO SOLAR POWER FOR BOATS: **SAT. APRIL 6, 8AM-10AM**

- ❖ Why Solar Power for Boats?
- ❖ System Components
- ❖ What Performance to Expect
- ❖ Installation Constraints & Costs

<https://oyc-introduction-to-solar.bpt.me>



INTERMEDIATE DIY SOLAR POWER: **SAT. APRIL 6, 10AM-NOON**

- ❖ Follow-on for DIY Details
- ❖ Panel Selection, siting & configuration
- ❖ Smart charge controllers
- ❖ Wiring considerations & sizing
- ❖ Instrumentation & system setup
- ❖ Intro class is a suggested prerequisite

<https://oyc-intermediate-solar-power.bpt.me>



LITHIUM BATTERIES FOR BOATERS: **SAT. APRIL 6, 1:30P-3:30**

- ❖ Advantages/disadvantages
- ❖ Compare & contrast with Lead-Acid versions
- ❖ Safety & battery management system (BMS)
- ❖ Charging system compatibility & risks
- ❖ House vs. engine-starting application
- ❖ Instrumentation & system setup
- ❖ DC class is a suggested prerequisite

<https://oyc-lithium-batteries.bpt.me>

