

Marine Radar Course

**NEW
CLASS**



***You've made the investment in hardware...
Now's the time to make the investment in education.***

For both sail and power boaters

Saturdays, March 15 & 22, 2008

(Yes, it's a two-day course.)

9:00 to 5:00

Island Sailing School

Tomahawk Marina, Hayden Island



800.303.2470

info@islandsailingclub.com

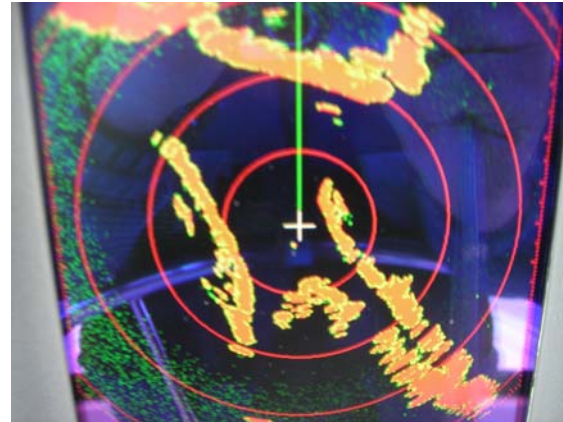
www.islandsailingschool.com

*Taught by Larry Brandt, ASA-certified Radar Instructor,
this course covers what you need to know to capitalize on the many benefits
of this powerful, yet problematic, safety and navigation tool.*

New ASA Radar Course



In restricted visibility conditions, for collision avoidance as well as close quarter navigation, the single most important tool on a vessel is a marine radar. It's a valuable piece of equipment, typically with an appropriately large price tag hanging from it. It can, ideally, keep your boat from under the bow of a freighter, from running over that small fishing craft in the fog ahead of you, and off the rocks as well...***but only if you know how to operate it properly.***



The American Sailing Association has developed a Radar Endorsement standard intended to help boaters, both sail and power, achieve these goals. You've made the investment in hardware; now's the time to make the investment in learning how to get the most out of this valuable, but admittedly problematic, piece of gear.

Why problematic? Because marine radar has a number of limitations.

For example, radar is limited to line-of-sight utility...it cannot see that freighter approaching at 25 knots if a large portion of its radar-reflecting structure is hidden by the curvature of the earth. And another example, sea state can completely blind the system in some conditions, especially if the operator does not understand how to optimize the gain and anti-clutter options offered by the system. And another example...collision avoidance seems straight forward at first, when new operators commonly, but erroneously, believe that the picture on the display is always truthful; this is the case if your vessel is anchored, but when your vessel and the target vessel(s) are both in motion, a relative motion analysis **MUST** be done by the operator (it's a COLREGS Rule) on each target on the screen to determine for sure the potential for collision and an appropriate avoidance strategy.

And not least in importance, did you know that COLREGS requires a *DIFFERENT* set of avoidance maneuvers for radar-equipped vessels operating in restricted visibility than the ones we use every day in good visibility?

You owe it to yourself to learn how to maximize the benefits of this small, but mighty asset.

Island Sailing Club, together with ASA radar instructor, Larry Brandt, will be offering a Radar Endorsement Course, to be held at Island Sailing's Portland facility on two consecutive Saturdays, **March 15 and 22**. This is a full two-day course that provides an in-depth study of this important system. Please register early, as space is limited. Potential students from Island Sailing locations in Olympia and Kirkland should express their interest to ISC staff so that a course in your location can be arranged. Price: \$396 per student.