

Radar Seminar

Radar on yachts is mainly used for collision avoidance and so contributes towards safety at sea. It is only beneficial to skippers however, who are familiar with its principles, functions and limitations.

This morning seminar is very practical-orientated. It serves as an introduction to the Radar equipment.

A maximum of 6 persons are taken per seminar, which has the advantage of a better learning effect. The seminar commences at 10:15 and finishes about 13:30. A book can be purchased for €20,- during the seminar.



The theoretical part of the course is presented using a video-projector. Subjects covered are: Basic principles, Resolution, Targets, Reflectors, RTEs, Switch-on & picture interpretation, Navigation, Collision-avoidance, Relative motion, CPA, TCPA, MARPA, the Radar-relevant collision-avoidance regulations.

During the practical part of the seminar, all participants have the opportunity to practice on real multifunction display units, the Raymarine 12" Axiom, at one set per person.

The following subjects can be practiced on the equipment:

- Switch-on & picture interpretation.
- Cursor; VRM/EBL; Auto Gain/Tuning; Wake; Expansion; Guard Zone; etc.
- Collision-avoidance: Tracking targets using MARPA & evaluating the data (CPA, TCPA, course, speed). Practical use of the collision regulations.
- Navigation: Plotting position of the boat using Radar and proper charts.
- Chartplotter, Waypoints, Radar-overlay, AIS function & data evaluation, GPS, Echo-sounder, etc.
- Interpreting realistic scenarios of the STC-function (sea-clutter) and FTC-function (rain-clutter). Recognising the potential danger, if the functions are set incorrectly.

The Radar instructor has combined his 5-year experience at sea in the South-African, British and Canadian merchant navies, together with over 25 years in the Radar industry, to present a realistic and easily-understood seminar. He holds these seminars in various European countries.