INDIAN OCEAN POWERBOAT SCHOOL

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Marine Radio (SRC) / Radar Courses

Radar:

Cruising boats increasingly have radar on board. The International Regulations for the Prevention of Collisions at Sea state that if you have a radar, you must know how to use it.

Radar is probably the most versatile of all electronic navigation aids, but the best results are only obtained when you know how to use all the functions correctly. It is not an all seeing eye, and can easily mislead those who do not understand its controls, allow for its limitations, or interpret its picture.





Course topics include:

- How the radar set works
- How its adjustments and features affect the way it works
- Target definition
- Radar reflectors
- Types of radar display
- Radar plotting
- The use of radar in navigation and collision avoidance

Marine Radio (SRC)

The Short Range Certificate is the minimum qualification required by law to control the operation of VHF and VHF Digital Selective Calling (DSC) equipment on any vessel voluntarily fitted with a radio. This includes both fixed and hand held equipment using International channels.

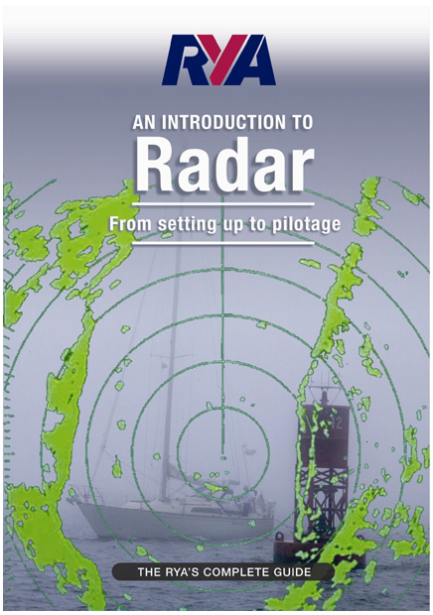
A radio is an important piece of safety equipment on board and it is vital to understand the correct procedures. Unnecessary transmissions could block out a Mayday distress call.





All new VHF sets are either fitted, or can be interfaced, with DSC allowing calls to specific vessels. If you hold the 'old' VHF licence (pre-1999) you need to upgrade your qualification if you purchase new equipment. This can be done by attending this one-day course or, if no tuition is required, you can enter for direct examination.





Course topics include:

- The basics of radio operation
- The correct frequencies (channels) to be used
- Distress, emergency and medical assistance procedures
- Making ship to shore telephone calls
- Digital Selective Calling (DSC) using simulators
- Global Maritime Distress and Safety System (GMDSS)
- Emergency Position Indicating Radio Beacons (EPIRB)
- Search and Rescue (SART)