

Learning Objectives

By the end of this Electronic Navigation knowledge multiplier adventure you will have acquired the following abilities:

You will be able to:

- interpret the display of an average recreational radar, with confidence;
- manually adjust a radar display to enhance it's useful information;
- recognise atmospheric and man-made interferences and diminish their effect; and,
- guide a vessel through conditions of very poor visibility, safely.

You will have an understanding of:

- the principles of how a radar works and how they effect what you see;
- the things that radar cannot do and how *they* effect what you see;
- the physical limitations of a recreational radar; and,
- some of the enhancements becoming available to the “average” boater.

You will be able to determine:

- precise Radar Fixes from one or two known charted features;
- the relative location of other traffic and navigation aides around you;
- the actual speed and heading of other traffic of interest; and,
- an accurate time and the distance of the Closest Point of Approach (CPA) of shipping closing on your boat.



