

Electronic navigation – future fixing

Get up to speed with where electronic navigation is heading. In this one day course we'll reflect on how the current systems operate before launching into the future of electronic navigation.

Outline syllabi

Radar

- Conventional pulse radar
- FMCW
- Good practice

Electronic position fixing

- History
- Decca and Loran
- Satellite fixing – Transit

GNSS

- How it works
- GPS
- GNSS systems
- How it is corrected
- Problems
- Good practice

Back-up systems

- eLoRan

Electronic charts

- Requirements
- Types
- Leisure electronic charts
- Problems
- Good practice