

RYA Essential Navigation & Seamanship Course Syllabus

Charts, publications and terms

Basic Terms
Chart overview
Introduction to chart datum and depths

Buoyage

Lateral buoys
Cardinal buoys
Where to find information

Navigation

Plotting a position
Measuring distance and bearing
Position fix
Heading

Safety

Personal and boat safety equipment
Safety procedures and briefing
Communications
Engine checks
Rescue procedures

Anchoring

Where to anchor
How to anchor

Tides

Tidal streams
Tidal heights

Electronic navigation

GPS terms
GPS use
Using waypoints

Rules of the road

Risk of collision
Who gives way

Weather forecasts

Sources of forecast
Terms used in forecast
Sea state

Pilotage

Harbour information
Transits
Pilotage plan

Passage planning

SOLAS V requirements
Pre-planning
Chart choice