

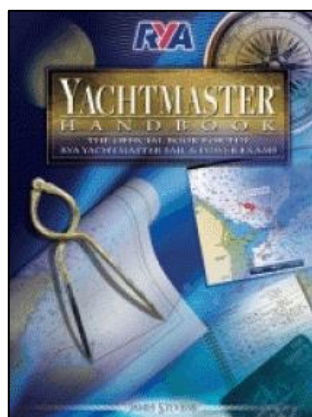
## Thank you for booking your Coastal Skipper practical course with Endeavour Sailing

The following information has been designed to help you revise the key topics you will need to know to make the most of your time with us. These notes are not designed to be a comprehensive teaching tool just a reminder of the theory knowledge that you should already have prior to the Coastal Skipper practical course.

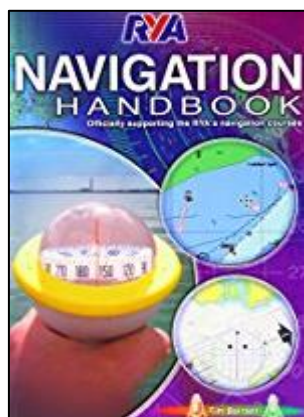
Please check out the website for the [full syllabus](#) of the practical course so that you can read about what you will cover.

### Recommended Reading

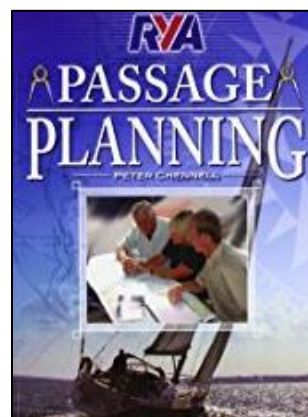
A number of publications cover the recommended reading prior to your course:



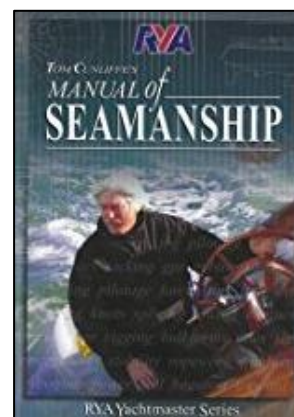
**RYA Yachtmaster Handbook**  
[Hardcopy \(G70\)](#) · [Ebook \(E-G70\)](#)  
 James Stevens  
 ISBN: 9781905104956



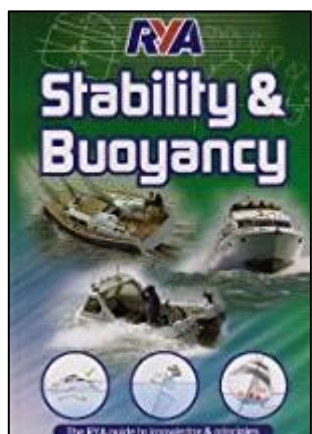
**RYA Navigation Handbook**  
[Hardcopy \(G6\)](#) · [Ebook \(E-G6\)](#)  
 Tim Bartlett  
 ISBN: 9781906435943



**RYA Passage Planning**  
[Hardcopy \(G69\)](#) · [Ebook \(E-G69\)](#)  
 Peter Chennell  
 ISBN: 9781905104840



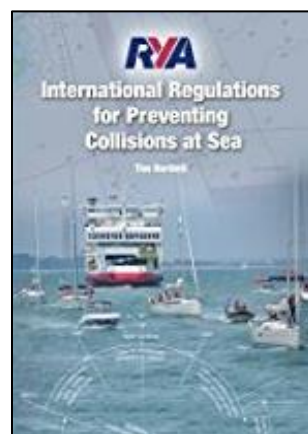
**Manual of Seamanship**  
[Ebook \(E-G36\)](#)  
 Tom Cunliffe



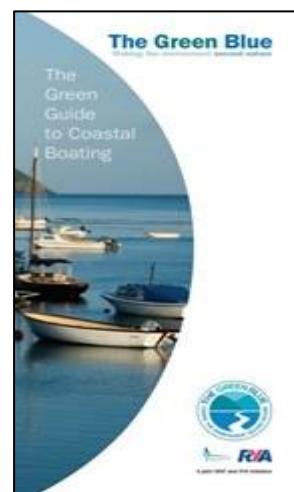
**RYA Stability & Buoyancy**  
[Hardcopy G23](#)  
[Ebook \(E-G23\)](#)  
 ISBN: 9781906435356



**RYA Weather Handbook – Northern Hemisphere**  
[Hardcopy \(G1\)](#) · [Ebook \(E-G1\)](#)  
 Chris Tibbs  
 ISBN: 9781905104178



**RYA IRPCS**  
[Hardcopy \(G2\)](#) · [Ebook \(E-G2\)](#)  
 Tim Bartlett  
 ISBN: 9781910017067



**The Green Guide to Coastal Boating**  
[PDF Download](#)  
 The Green Blue

Below is the Coastal Skipper shorebased syllabus so you can recap what level of theory knowledge is required prior to the practical course.

## Syllabus Sections and topics to revise

Including links to the Endeavour Sailing website Training Info pages

## Recommended reading

### 1. Position

- [Dead reckoning](#) and [estimated position](#)
- Satellite derived position
- Use of waypoints to fix position
- Radar fixes
- Techniques of visual fixing
- Fixes using a mixture of position lines
- Relative accuracy of different methods of position fixing
- Areas of uncertainty



### 2. Magnetic Compass

- Allowance for variation
- Change of variation with time and position
- Causes of deviation
- Compass checks for deviation, but not correction
- Allowance for deviation
- Different types of compass



### 3. Tides

- [Causes of tides - springs and neaps](#)
- Tide tables - sources
- Tidal levels and datum
- Standard and secondary ports
- Tidal anomalies (Solent, Poole etc.)



### 4. Tidal Streams

- Sources of tidal information
- Tidal stream information in sailing directions and yachtsmen's almanacs
- Allowance for tidal streams in computing a [course to steer](#)
- Tide rips, overfalls and races
- Tidal observation buoys, beacons etc.



### 5. Buoyage

- IALA system buoyage in Regions A and B
- Limitations of buoys as navigational aids



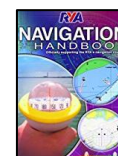
### 6. Lights

- Characteristics
- Ranges - visual, luminous and nominal
- Rising and dipping distances
- Light lists



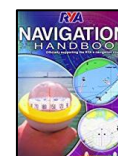
### 7. Pilotage

- Harbour regulations and control signals
- Methods of pre-planning
- Clearing lines
- Use of soundings
- Transits and leading lines



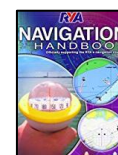
### 8. GNSS and Chart Plotters

- Principles of operation and limitations of use
- Raster and vector charts
- Datum
- The importance of secondary means of position fixing via and independent source and keeping a separate record of position
- The importance of paper charts



### 9. Echo Sounders

- Principles of operation and limitations of use



## 10. Logs (Speed and Distance Measuring)

- Principles of operation and limitations of use

## 11. Deck Log

- The importance of the log as a yacht's official document
- Layout of log, hourly and occasional entries

## 12. Meteorology

- Basic terms, the [Beaufort Scale](#)
- Air masses
- Cloud types
- Weather patterns associated with pressure and frontal systems
- Sources of weather forecasts
- Ability to interpret a shipping forecast, weather fax and weather satellite information
- Land and sea breezes
- Sea fog
- Use of a barometer as a forecasting aid

## 13. Rules of the Road

- A sound knowledge of the [International Regulations for Preventing Collisions at Sea](#), except Annexes 1 and 3

## 14. Safety at Sea

- Personal safety, use of [lifejackets](#), safety harnesses and lifelines
- Fire prevention and firefighting
- [Distress signals](#)
- Coastguard and Boat Safety Scheme
- Preparation for heavy weather
- Liferafts and helicopter rescue
- Understanding of capabilities of vessel and basic knowledge of stability
- See also [Safety Brief](#), [Flares](#) and [Fire & Fire Fighting](#)

## 15. Navigation in Restricted Visibility

- Precautions to be taken in fog
- Limitations to safe navigation imposed by fog
- Navigation strategy in poor visibility

## 16. Passage Planning

- Preparation of charts and notebook for route planning and for use on passage at sea
- Customs regulations as they apply to yachts
- Routine for navigating in coastal waters
- Strategy for course laying
- Use of visual and confirmation of waypoints and routes
- Use of weather forecast information for passage planning strategy
- Sources of local and national regulation
- See also [Passage Planning](#) and [Time Zones](#)

## 17. Marine Environment

- The responsibility to minimise pollution and protect the marine environment
- See [Tide Lines](#)

