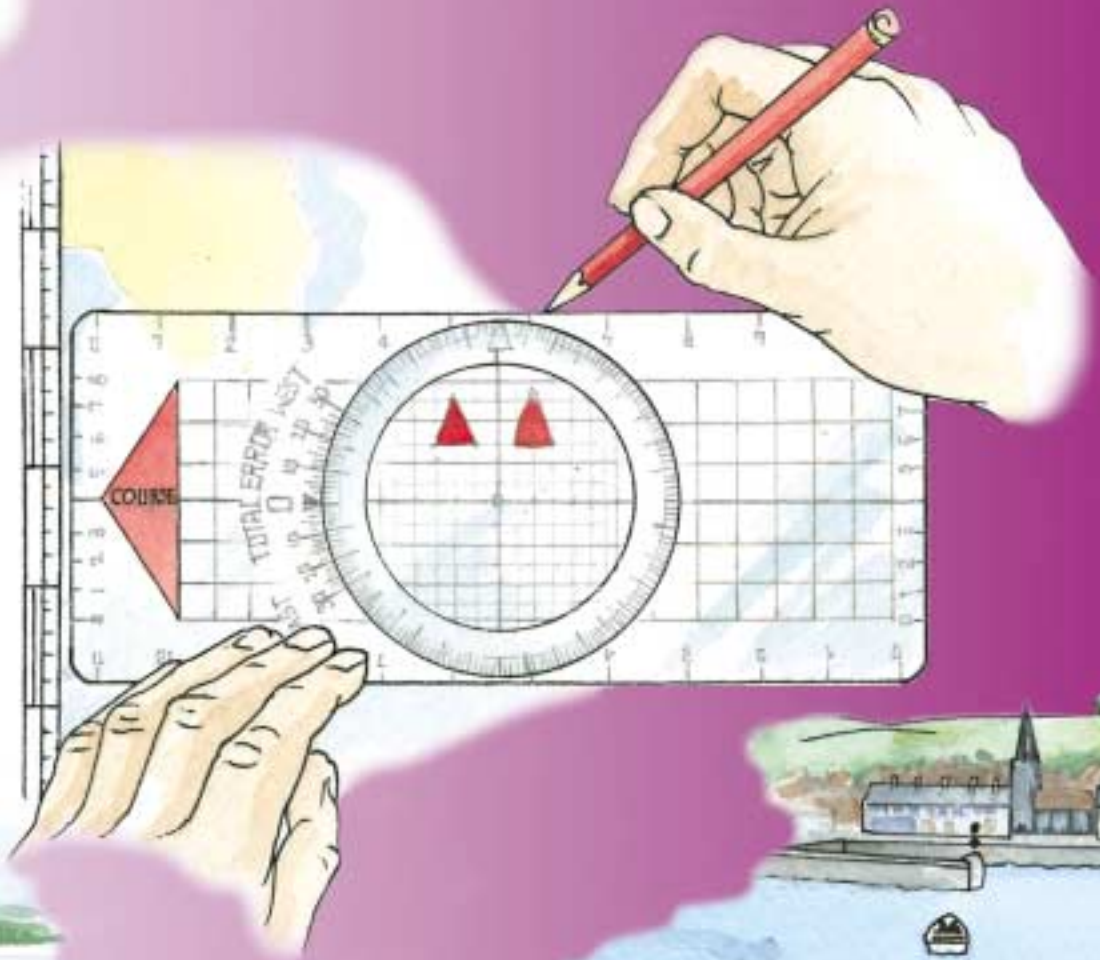




# BASIC NAVIGATION and SAFETY COURSE

## Exercises and course information





# Welcome to the RYA Basic Navigation and Safety Course

The aim of the course is to help you become more competent, knowledgeable and safer on the water.

These exercises will give you a basic understanding of navigation and safety afloat which is essential for anyone skipping or crewing a small boat at sea. They form a solid foundation on which to build your knowledge so that your time afloat can be spent safely. The Instructor will work through these exercises with you and will aim to give you a basic understanding of navigation and safety afloat.

On successful completion of the course you will be awarded the RYA Basic Navigation and Safety Course Certificate. Your Instructor will endeavour to keep you informed of your progress throughout the course, particularly if you fall behind in any area.

The course requires a minimum teaching time of 16 hours.

Please help us improve the course by returning the enclosed feedback form.

Enjoy your course

Simon Jinks  
Chief Cruising Instructor

## The RYA Cruising Scheme

The Basic Navigation and Safety Course is an integral part of the overall cruising scheme. It is an essential building block of knowledge for those wishing to progress to the RYA practical courses. For full details of other courses/qualifications available see [www.rya.org.uk](http://www.rya.org.uk) or contact the RYA on 0845 345 0400 or ask your instructor.

## Course Guidance

*This pack contains:*

- BNS1 Exercise & Course Information Booklet
- RYA Charts
- Basic Navigation and Safety Course Notes
- Free Training Simulator/RYA Electronic Chart Plotter
- Free Course Plotter

*In addition to the RYA pack you will require:*

- RYA Training Almanac available from your instructor
- Dividers (large), 2B pencils, soft eraser and a calculator

## Notes

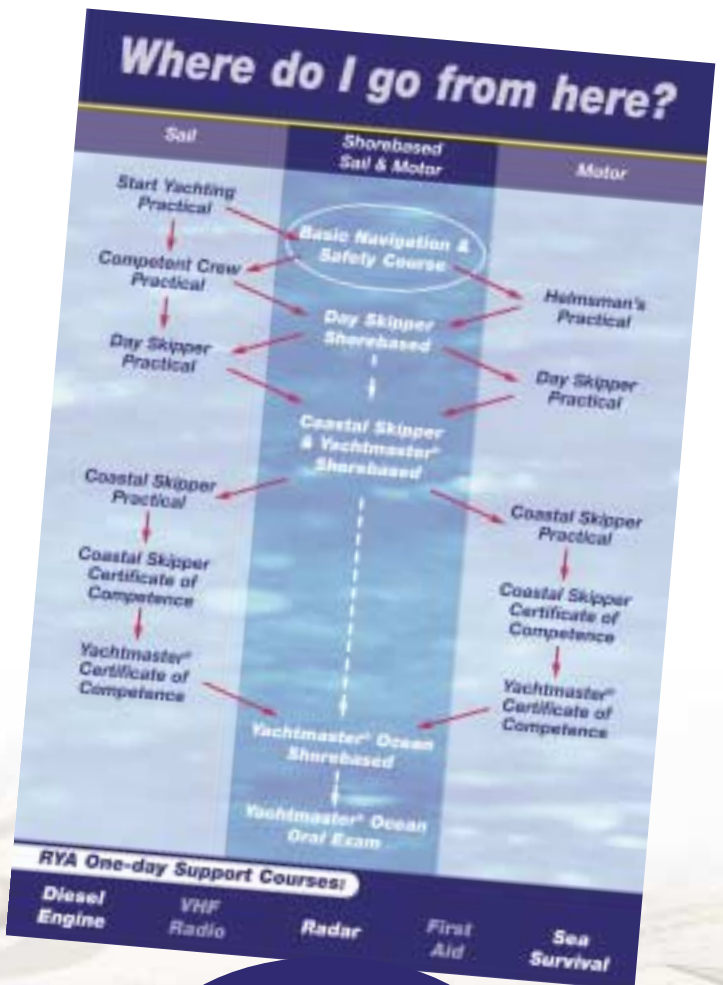
*Basic Navigation and Safety Course Notes*

The course notes are provided as a quick guide during your course and an aide memoire. They are not intended to be a comprehensive text book and we recommend they are supplemented with further reading. Pages 18-19 of this book list the publications that the RYA recommends for those taking a shorebased course. Order Hotline: 0845 345 0372 Website: [www.rya.org.uk](http://www.rya.org.uk) Email: [orders@rya.org.uk](mailto:orders@rya.org.uk) Post: RYA House, Ensign Way, Hamble, Southampton SO31 4YA



## Daylight Saving Time

Reference may be made to Daylight Saving Time, abbreviated to DST. In many countries around the world, including the UK, DST is observed during the summer.



For course details and a list of all available courses contact the RYA or online at [www.rya.org.uk](http://www.rya.org.uk)

# Training Charts

This pack contains two RYA Training Charts. One is a passage chart for general navigation (chart 3), the second is a pilotage chart (chart 4) showing detailed chartlets of certain areas of the passage chart. Comprehensive tidal and pilotage information for these charts is provided in the RYA Training Almanac, available from your instructor. Much of the Basic Navigation and Safety Course is conducted on the top half of Chart 3.



RYA Training Chart 3 - passage chart

## Guide to time zones and buoyage

### Northern Territories

#### UT: Universal Time

This is the Northern Territories standard time and the time shown in the RYA Almanac. **Example** On 1st January at Victoria the first low water of the day is 0510 UT

#### DST: Daylight Saving Time

This is the Northern Territories standard time plus one hour  
**Example** On the 1st April at Port Fraser the first high water of the day is 0149 UT +1hr = 0249 DST.

**Buoyage is IALA A.**

### Southern Peninsula

#### UT-1: Time Zone -1 hour

This is the Southern Peninsula standard time and the time shown in the RYA Almanac. **Example** On 1st November at Colville the first low water of the day is 0221 UT-1

#### SPDST: Southern Peninsula Daylight Saving Time

This is the Southern Peninsula standard time plus one hour **Example** On the 1st September at Port Fitzroy the first high water of the day is 0643 UT-1 +1hr = 0743 SPDST

**Buoyage is IALA A except Neptune Islands which is IALA B.**

# Contents

	Page
Basic Navigation and Safety Course Syllabus	4
Exercises	5
Shorebased Courses Recommended Reading List	18
RYA Membership	21
Course Evaluation	23
Environmental Guidance for Boat Users	24