



National Yacht Cruising Scheme

Navigation – Inshore Skipper Theory

This course has been developed to Yachting Australia standards and your YA log book can be signed off after successful completion.

Course Duration – 7 hours over 2 weeks.

Upon successful completion of this course, participants should have an understanding of how to use a Chart to lay off bearings, plot & steer a safe course, measure distance, prepare a navigational plan for an inshore passage, solve speed/time/distance problems, use transits, marks & lights to establish position, identify times & heights of tides, apply the IALA Buoyage system to the safe Pilotage of a vessel, enter waypoints & plot position using a GPS. Homework will also be required between classes.

Items covered include:

1. **Charts and Publications.** Information shown on Admiralty charts, chart symbols, standard Chart work.
2. **Navigational Drawing Instruments.** Parallel rulers, dividers.
3. **Definition of Position.** Course and Speed, Latitude and Longitude, nautical mile, true bearing and courses.
4. **Dead Reckoning and Estimated Position.** Definition of DR and EP, plotting on a chart.
5. **The Magnetic Compass.** Variation & deviation, Steering and hand-bearing compasses
6. **Speed and Distance.** Principles of operation.
7. **Tides and Currents.** Causes of tides – Springs and Neaps, Tide tables, Tidal levels and datums, the rule of twelfths. Leeway, Set & Drift.
8. **Global Positioning System.** Practical use of a GPS in conjunction with a Chart.

Important:

- Training at Shed 3, Nth Wharf Rd, Docklands (2EC7).
- 1830 – 2200hrs.

You will need to bring:

- How to Read a Nautical Chart (Calder).
- Victorian Tide Tables (Port of Melbourne)
- Chart Aus 143
- Parallel rules, dividers, drawing compass, 2b pencils, soft eraser
- **Optional** – YA Logbook



Yachting Australia
Training Centre

www.boatschool.com.au
john@boatschool.com.au

Tele: 1300 663 486
Facs: 8371 0099

Enrolment Form – Navigation Inshore Skipper

Start Date: (see website)..... Time: 1830 hours Trainer: John Sanders.

Full Name:..... Birthdate:.....

Home Address:.....

Suburb Post Code..... Email

Phone:..... Email:.....

Please Read Carefully

- Participant numbers are limited & your booking is subject to a vacancy AT THE TIME OF RECEIVING YOUR PAYMENT. First payments have priority as there is limited numbers. **Your booking is not yet confirmed.**
- Complete the enrolment form with your full details & method of payment.
- Be on time so not to keep others waiting.

Where to come: *NB Parking is at door & FREE!
BoatSchool - Shed 3, North Wharf Road, Docklands.
Follow signs to Sheds 2 & 4. Melways 2EC7

Facs to: 8371 0099 EFT Payment: - Hareben, BSB 013497 #478363193

Mail to: Shed 3, Nth Wharf Rd, Docklands 3008 Cheque or Money Order payable to: - Hareben P/L

Course Fee: \$120.00	Method of Payment	Cash Cheque Credit Card
Visa M.Card B.Card Name as appears on card		
Card Number / / / Expiry Date: /		
Signature		Total fee including equipment \$.....

Tick & add to payment if required:

- How to Read a Nautical Chart (Calder) – \$27.95
- National Yacht Cruising Scheme Logbook - \$25.00
- Victorian Tide Tables - \$8.25
- Chart Aus 143 - \$29.95
- Parallel rules, dividers, 2b pencils, soft eraser - \$49.50

Total for navigational tools _____