

Day Skipper Practical Syllabus

What Will You Learn?

The Day Skipper course teaches pilotage, navigation, seamanship and boat handling up to the required standard to skipper a small cruising yacht safely by day in tidal waters with which the student is familiar.

1. **Preparation For Sea**

To be able to prepare a yacht for sea, including engine checks, selection of sails, securing and stowage of all gear on deck and below.

2. **Deck Work**

Can reef, shake out reefs and change sails to suit prevailing conditions. Can prepare an anchor, mooring warps and take charge on deck when mooring alongside, coming to a buoy, anchoring, weighing anchor and slipping from a buoy or alongside berth.

3. **Navigation**

To gain a working knowledge in chart work and routine navigational duties on passage including:

- a. Taking and plotting visual fixes
- b. Use of electronic navigation equipment for position fixing
- c. Use of waypoints
- d. Working up to DR and EP
- e. Estimating tidal heights and tidal streams
- f. Working out course to steer to allow for tidal stream, leeway and drift
- g. Knowledge of IALA buoyage
- h. Maintenance of navigational records
- i. Use of echo sounder and lead line

(Sailing Ireland recommends all students to complete the ISA Shorebased Navigation Course in order to gain the required knowledge to become proficient in the above. We would be happy to advise on our next available course or to recommend a suitable course in your area. Please refer to the relevant section for more details.)

4. **Pilotage**

- a. Can prepare and execute a pilotage plan for entry into, or departure from, a harbor
- b. Understands the use of leading and clearing lines
- c. Use of transits and surroundings as aids to pilotage

5. **Meteorology**

- a. Knows sources of forecast information
- b. Can interpret shipping forecasts and use a barometer as a forecasting aid

6. Rules of the Road

Has a working knowledge of the International Regulations for Preventing Collisions at Sea

7. Maintenance and Repair Work

- a. Understands and is able to carry out maintenance tasks
- b. Knows the properties and uses of common synthetic fibre ropes

8. Engines

Knows how to change fuel and water filters, pump impeller and to bleed the fuel system

9. Victualling

Understands how to victual a yacht and prepare for a trip

10. Emergency Situations

- a. Is able to take correct action as skipper for recovery of man overboard
- b. Understands distress flares and how to use a life raft
- c. Can operate a radiotelephone in an emergency and send a distress message
- d. Understands how to secure a tow
- e. Understands rescue procedures including helicopter rescue

11. Yacht Handling Under Power

- a. Can bring a boat safely to and from an alongside berth, mooring buoy and anchor under various conditions of wind and tide
- b. Understand the uses of propwalk, ferrygliding, windage and tidal flow

12. Passage Making

Can plan and make a coastal passage, taking account of relevant navigational hazards and limitations imposed by the type of boat and the strength of the crew

13. Seasickness

Working efficiency is unaffected/partially affected/severely affected by seasickness

(Note: Prevention is better than the cure: If you feel that you may be effected then please ask for advice on the correct preventative measures and cures as we believe that there is no point in needless discomfort)

14. Helmsmanship and Sailing

- a. Understands the basic principles of sailing and can steer and trim sails on all points of sailing
- b. Can steer a compass course, under sail and power
- c. Buoy pickup and anchoring under sail, uses of heave to, scandalising sail, steering with sails

15. General Duties

Can carry out general duties satisfactorily on deck and below decks in connection with the daily routine of the vessel