

# **Helmsman Certificate (Motor)**

## **Cruising Scheme**

### Get wet, Get on the water!

Objective	The aim of the ISA Helmsman course is to provide participants with the basic boat handling and seamanship skills necessary to safely and effectively handle a motor yacht.
Previous knowledge / experience	No previous experience or knowledge of sailing is required or assumed.
Types of Boats	The course must be completed aboard a motor yacht. The yacht may be either displacement, semi displacement or planing and have either twin or single inboard engines
Duration	2 full days (16 hours)
Assessment	Assessment is continuous through the course. However Instructors may at their discretion require the use of a formal practical assessment of boat handling skills and or a short written paper or oral interview in assessing your level of background knowledge.
	Helmsman certificates may only be awarded following successful course completion. Certificates cannot therefore be issued solely on the basis of assessments completed without course attendance.
	By the end of this course you will be able to do the following:
Terminology	⇒ Knowledge of terms used to describe parts of a motor cruiser, engines, stern gear and equipment
	⇒ Understanding of terms used when underway and during the day to day running of the boat
Engines	⇒ Checking engine oil, cooling water and batteries
	⇒ Starting procedures, running checks and instrument readings
	⇒ Fuel and fuel reserve check, safe and clean fuelling procedures

#### Where can you go to do this course?

This course can only be run by an ISA Training Centre. All ISA Training Centres have all gone through a rigorous accreditation process to ensure that they provide high quality training in a safe environment. With Training Centres based in every corner of Ireland there are plenty to choose from for training close to home or while on holiday.

To find a full list of ISA Training Centres & Courses in your area go to <a href="www.sailing.ie/training">www.sailing.ie/training</a>
To purchase a Small Boat Sailing Scheme Logbook please logon to the ISA shop <a href="www.sailing.ie/shop">www.sailing.ie/shop</a>





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Rope work	⇒ Handling, coiling, stowing rope
	⇒ Making fast to cleats and bollards, handling fenders
	⇒ Ability to tie a bowline, round turn and two half hitches, sheet bend
Safety	⇒ Precautions necessary to prevent fire, use of fire blanket and extinguishers
	⇒ Precautions necessary when using and handling gas (LPG)
	⇒ Use and stowage of personal safety equipment, harness, lifejacket
	⇒ Knowledge of how, and when, to use liferaft, flares, VHF
Courtesy to others	⇒ Prevention of noise and disturbance in harbour
	⇒ Courtesy to other craft at sea and berthed alongside
	⇒ Ensigns, courtesy flags and burgees
Helmsmanship and manoeuvring	⇒ Understanding of basic principles of manoeuvring
	⇒ Effect of tide, current and wind
	⇒ Simple manoeuvres under power
	⇒ Steer and maintain a constant course by compass
Rules of the road	⇒ Importance of keeping a good lookout at sea
Weather	⇒ Awareness of the sources of sea forecasts
	⇒ Principles of the Beaufort scale
	⇒ Strong wind and gale warnings
General duties	⇒ Day to day running of cruising motor boat

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