

RYA TRAINING: Power boating courses



LEVEL 1 COURSE SYLLABUS

The RYA Level 1 Powerboat course is a practical introduction to boat handling skills. Topics covered include:

Preparation

Launching and recovery
Safety equipment
Pre-start checks
Personal buoyancy

Boat handling and manoeuvres

Starting and stopping
Use of kill cord
Steering controls
Securing to a buoy
Leaving and coming alongside
Being towed

Theory and background

IRPCS
Rope work
Awareness of other water users

This is a one day course which emphasis practical "on water" skills using our 5m RIBs. The minimum age for the course is 8 however drivers under 16 years of age will have their certificates endorsed to state they can use boats under the supervision of an adult.

Aim: To provide a practical introduction to boat handling and safety in powerboats.

The course may be conducted in a variety of boat types, both planning and displacement, and the certificate issued will be endorsed to show the type(s) of boat in which the training took place. The ratio of students to instructor should not exceed 3:1.

Duration: 1 day **Minimum age:** 8

8 to 11 year olds will receive the Level 1 certificate which will be endorsed - The holder should only use powered craft under supervision of a responsible adult onboard the craft. 12 to 16 year olds will receive a Level 1 certificate which will be endorsed - The holder should only use powered craft under the supervision of a responsible adult.

SECTION A: PRACTICAL BOAT HANDLING

LAUNCH & RECOVERY (8-11 YR OLDS TO OBSERVE THIS SESSION ONLY)

Knowledge of:

Considerations to be taken during the launch.
The use of a trailer or launching trolley
Considerations to be taken regarding sea conditions & hazards
Construction, width and condition of ramp/slipway

PREPERATION OF BOAT & CREW

Understands:

Personal buoyancy and appropriate clothing
The use of the following equipment: lines, fenders, anchor & warp, bailer, fire extinguisher, pump, paddles or oars, compass, flares, torch, whistle, charts, first aid kit, sharp knife.

Can:

Fasten to a cleat and stow an anchor.

BOAT HANDLING

Knowledge of:

Planning boats: propeller angle & immersion use of shallow drive
Low speed handling: ahead and astern
Displacement boats: handling ahead & astern, carrying way in neutral

Understands:

How to carry our pre-start checks, including fuel tank & fuel bulb

Can:

Steer and control boat speed
Start and stop engine
Demonstrate the use of an appropriate length
Kill cord at all times

PICKING UP & SECURING TO A MOORING BUOY

Knowledge of:

Preparation of mooring warps

Use of a boat hook
Method of approach
Crew communication
Making fast

LEAVING AND COMING ALONGSIDE

Knowledge of:

Wind effect
Approach in tidal stream or current

Understands:

Leaving; ahead and astern

Can:

Demonstrate the use of painter, lines and fenders, attachment to boat, stowage underway
Control speed and angle of approach
Make fast alongside

BEING TOWED

Knowledge of:

Preparing own lines for towing
Accepting a tow
Securing towlines - Trim and balance under tow

SECTION B: THEORY

Knowledge of:

Loading & balancing the boat & the effect on handling & performance
Local byelaws and insurance

Understands:

Crew numbers: minimum number in the boat, keeping a look-out
Awareness of other water users, including effect of wash
Application of IRPCS. Understands rules 5.6 & conduct around commercial shipping in confined waters.