



## **RYA Level 1 – An introduction to powerboating**

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

**Ratio:** 1:3 (Instructor: Student)

**Assumed knowledge:** None

**Duration:** 1 day

**Minimum age:** 8

***\*\* Please note:- 8-16 year olds will receive the Level 1 certificate which will be endorsed – “The holder should only use powerboat craft under the supervision of a responsible adult on board the craft.”***

### **SECTION A**

#### **Practical boat handling**

##### **Launch and recovery (8-11 year olds to observe 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 and hazards
- Construction, width and condition of ramp/slipway

##### **Preparation of boat and crew**

###### ***Understands:***

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

###### ***Can:***

- Perform the following: fasten to a cleat and stow an anchor

##### **Boat handling**

###### ***Knowledge of:***

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

###### ***Understands:***

- How to carry out pre-start checks, including fuel tank and fuel bulb, steering, controls and windage

###### ***Can:***

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



### **Picking up and 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 or astern

#### ***Can:***

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

### **Being towed**

#### ***Knowledge of:***

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

## **SECTION B**

### **Theory**

#### ***Knowledge of:***

- Loading and balancing the boat and the effect on handling and performance
- Local byelaws and Insurance

#### ***Understands:***

- Crew numbers: minimum number in boat, keeping a good look-out
- Awareness of other water users, including the effect of wash
- Application of IRPCS. Understands rules 5,6 and conduct around commercial shipping in confined waters