



**Youth Sailing @
Chasewater**

RYA Powerboat Level 2

Sailor Name:

Date / Initials

Date Completed:

Log Book Signed:

Certificate Issued:

Section A – Practical	Initials	Date
Launch and Recovery		
Knowledge of:		
• Use of a trailer or launching trolley		
• Consideration of launching and sea conditions, including hazards and obstructions		
• Number of persons required for launching and recovery		
• Construction, width and condition of slipway.		
• Steep/slippery slipways, beach launching, lee shores.		
• Care of trailer bearings, hitch, lashings, ties, lights and winch		
• Trailer parking		
Can:		
• Prepare the boat, lines, fenders, safety equipment, fuel tanks, lines and secure gear on board		
Boat handling		
Knowledge of:		
• Loading: effect on handling and performance, effect on balance and trim, CE Plate and manufacturer's recommendation		
• Displacement boats: handling ahead and astern, carrying way		
Understands:		
• Crew members: minimum in high speed craft, keeping a look out		
• The importance of boat control in waves and adequate seating to minimise the possibility of back injury		
• Awareness of other users, including effect of wash		
• Steering controls, effect of current or tidal stream		
• High speed manoeuvring: planning, trim tabs and power trim		
• Planning boats: propeller angle and immersion, shallow drive, high/low speed handling, tiller/console steering		
Can:		
• Carry out pre-start checks, engine starting and stopping		
• Demonstrate the use of an appropriate length kill cord at all times		
• Carry out low speed manoeuvres including: turning in a confined area, effect of wind on bow and holding off. Demonstrate an awareness of the danger of flooding when going astern		
• Carry out high speed manoeuvres including S-turns and U-turns		
Securing to a buoy		
Understands:		
• Preparation of mooring warps		
• Use of a boat hook		
• Method of approach		
• Crew communication		
• Making fast		
• Procedure when overshooting		
Can:		
• Approach and secure to buoy		
Anchoring		
Understands:		
• Method of approach in various conditions		
• Taking way off		
• Crew communication		
• Check holding		
• Depth of water, holding ground, scope required		
Knowledge of:		

• Types of anchor		
• Stowage and attachment to boat		
• Preparation of anchor, chain and warp		
• Weighing anchor		
Can:		
• Approach and anchor correctly		
• Weigh anchor correctly		
Leaving and coming along side		
Understands:		
• Preparation and use of painter, lines and fenders, attachment to boat, stowage under way		
• Speed and angle of approach		
• Wind effect		
• Method of approach in tidal stream or current		
Can:		
• Make fast alongside		
• Use springs		
• Leave – ahead or astern		
Man overboard		
Knowledge of:		
• Recovery of man overboard		
Can:		
• Take immediate action		
• Observe the man overboard		
• Carry out the correct return with awareness of propeller		
• Approach and recover the man in the water		

Section B -Theory	Initials	Date
Knowledge of:		
• Types of craft: advantages and disadvantages of different hull forms with respect to sea keeping ability		
• Engine drives: advantages and disadvantages of outboard, inboard and outdrive units, single and twin screws, choice and use of fuels		
• Siting of fuels, fuel lines, batteries, wiring, fire extinguishers		
• Routine engine maintenance checks, basic fault diagnosis		
• Close down procedure		
• Advice to inland drivers about coastal waters		
• Use and limitations of GPS		
• Application of local byelaws, especially around commercial shipping		
• Sources of weather information		
Understands:		
• Awareness of other water uses		
• Communication with other craft – hand and sound signals		
• Disabled craft		
• Emergency action, preventing sinking		
• Adrift – alternate means of propulsion		
• Towing and being towed		
• Fire precautions and fire fighting		
• Ropework		
• Distress signals and the Mayday call		
Can:		
• Apply IRPCS, principally rules 5, 7, 8, 9, 12 - 19		