

**Recommended Safety Equipment
Sunderland Yacht Club Cruising Boats**

Boat Categories

Boats that Cruise around the UK and Europe making Offshore Passages of Between 50 and 500 Miles

A

Boats that Cruise along the Coast within 10 miles of land, and are within aprox. four hours passage time of a safe harbour in which shelter may be found day or night IE Cruising Programme

B

Boats that Cruise mainly in daylight inshore close to a safe harbour in which shelter may be found within one hour in worsening weather day or night. IE Day sailing from Sunderland

C

Recommended Equipment



Required Equipment



Where a number appears, it refers to the recommended numbers of that Item to be carried

Where no number appears it simply recommends that the Item should be carried, but the number, method or contents is left to the skippers judgement

Item	A	B	C	Comments
<u>Means of Propulsion</u>				
Engine in Working Order	Green	Green	Green	
Storm Canvas				
A battery whose sole purpose is to start the engine or means of starting a engine by hand	Green	Green	Green	Two Battery system or a manual starting arrangement
Sufficient Fuel to return to home port or safe haven with reserve.	Green	Green	Green	
Sufficient battery capacity to maintain Navigation Instruments and lights for the duration of the voyage	Green	Green	Orange	

Item	A	B	C	Comments
Spare Sails				
<u>Anchor</u>				
Anchor Chain and warp appropriate for the boat and Cruising Area	2	2	1 - 2	Note also the recommendations of the cruising Area
Length of Chain Main Anchor Mtrs*	50	20	5	
Length of Chain Kedge Anchor Mtrs*	10	10	2	
Fairlead over the stem being capable of being closed over the Warp				To allow a tow if necessary
A Strong Point on the foredeck				
<u>Bailing and Bilge Pumping</u>				
Bucket not less than 9 litres and not more than 14 litres fitted with a strong handle and lanyard	2	2	1	
Hand Bilge pumps discharging Overboard and capable of being operated with all hatches closed	2	1	1	Note a pump mounted below meets this requirement as the pump can still be operated with the hatch closed
Softwood Plugs				Best stored close to Skin Fittings
Means of securing washboards from below				A simple lanyard and cleat
<u>Detection Equipment</u>				
Radar Reflector, Properly Mounted with as large a cross section as can reasonably be carried				A Solas Requirement
Fixed Navigation Lights which comply with International regulations				For Offshore use a dual system of deck and masthead lights is recommended
Motoring Cone				It should be hoisted when motoring
Anchor Ball and Light				
Sound Signal Appliance				
Powerful Torch				
White anti Collision Flares	2	2		Carry in Cockpit at Night
<u>Fire Fighting Equipment</u>				
Fire Blanket for yachts fitted with Cooking Equipment				
Fire Extinguishers	3	2	1	
<u>Personal safety Equipment</u>				

Item	A	B	C	Comments
Warm Clothing, Waterproofs, Seaboots and a Hat				Skippers should encourage the use of personal safety equipment, lifejackets in particular
A lifejacket 150 Newton's				
Safety Harness and Lifeline				
Jack Stays and Cockpit Clip on Points				
<u>Liferaft</u>				
Liferaft designed for saving life of sufficient size to carry every one on board				
Emergency Grab Bag				
<u>Man Overboard Recovery Equipment</u>				
Horseshoe lifebelt fitted with drogue and self Igniting light	2	1	1	Skippers should formulate plans to retrieve MOB both conscious and unconscious
A buoyant Heaving Line with Quoit	1	1	1	
A Boarding ladder Capable of Rapid and Secure Attachment, or suitable other means of retrieving man overboard	1	1	1	
A Dan Buoy				
<u>Means of calling for help</u>				
A marine based VHF Radio Telephone				
A DSC Calling VHF Radio				
Waterproof VHF Hand Held				
Mobile Phone				In event of failure of Radios, NOT as a substitute
Emergency VHF Aerial				
EPIRB				
Hand Held Red Flares	4	4	2	
Red Parachute Rockets	2	2		
Hand Held Orange Smoke	2	2	2	
Valid CG 66 Form				Coastguard Safety Registration
<u>Navigation Equipment</u>				
Up to date Charts of the local area				
Local Tide Tables				
Up to date Charts ,Tide Tables and navigation publications of the intended Cruising area to include any area that the boat may go in stress of Weather				
Steering Compass able to be lit at night				

Item	A	B	C	Comments
Navigational Instruments including Parallel Rulers or a plotting Instrument and dividers				
Barometer				
Lead line or Echo Sounder				
Electronic Navigation e.g. GPS				
Watch or Clock				
Means of navigating in the event of Electrical Failure				
Distance Measuring Log in working order and calibrated				
Navtex				
Binoculars				
Radar				
AIR Radar Receiver				
<i>First Aid</i>				
A First Aid Kit and Manual				
<i>General Equipment</i>				
Emergency Tiller Wheel Steered Boats				
Sufficient suitable mooring warp and Fenders				Should Include at least one long line suitable for a shore line or tow line
A Waterproof Torch				
A Rigid or Inflatable Tender carried to requirements of cruising area				
Tool Kits for General engine Electrical and Sail Repairs				
Spares for Engine				Fan Belt, Fuel Filters, Pump Impellers, Spark Plugs
Emergency water Supply Isolated from Main Tank				
Bosuns Chair				
Means of severing the Rigging in event of dismasting				
Knife in easy reach of the Cockpit				Serrated blade Preferred