

## B.M.Y.C. MANDATORY SAFETY EQUIPMENT

All BMYC yachts participating in races must comply with the following safety equipment requirements:

- a) All boats (regardless of class rules) shall provide buoyancy aid/lifejacket for each crew member as follows:-
  - i) at least 150N buoyancy, arranged to securely suspend an unconscious person face upwards at approximately 45 degrees to the water surface - in accordance with ISO 12402 - 3 (level 150) or equivalent (*for persons of larger than average build the ISO 12402 – 2 (level 275) jacket should be considered*)
  - ii) equipped with a whistle
  - iii) fitted with marine grade retro-reflective material (OSR 4.18)
  - iv) to include safety harness or compatible with the wearer's safety harness
  - v) a crotch strap or thigh straps;
  - vi) a lifejacket light in accordance with SOLAS LSA code 2.2.3 (white, >0.75 candelas, >8 hours);
  - vii) if inflatable have a compressed gas inflation system.
- b) Where a race is classified by the Club as "inshore", ISAF/ORC Special Regulations, Category 4 Requirements will apply except for such boats of a recognised one design having a Class Association that provides safety regulations of an equivalent standard and relevant to the design; in such a case the boat must comply fully with the Class Association's safety regulations; in addition, the skipper/owner(s) must hold current membership of the Class Association.
- c) Where a race is classified by the Club as "Offshore", either ISAF/ORC Special Regulations, Category 4 requirements OR Category 3 + life-raft requirements will apply, as stated in the notice of race.
- d) A boat may be inspected for compliance with safety requirements at any time by a Scrutineer appointed by the Race Committee for that purpose.

### ISAF Category 4 Equipment

It is strongly recommended that owners and skippers familiarise themselves with the regulations for construction, accommodation, safety and stability, servicing of safety gear, training and advisory requirements. A copy is available in the Club Office or can be downloaded from the Offshore Special Regulations within the rules section of the ISAF website [www.sailing.org](http://www.sailing.org). The table below summarises the main mandatory equipment requirement:

Anchor and tackle (readily accessible).  
Bilge Pump.  
Bucket (at least 9 litres) with lanyard, 2qty.  
Charts (navigation, non-electric) and light-list.  
Compass (installed), magnetic, marine (independent of power).  
Echo-sounder or lead-line.  
Fire extinguisher, 2qty, in date (readily available & located in different parts of boat).  
First aid kit and manual.  
Fog horn.  
Heaving Line, 15mtr – 25mtr (50ft – 75ft).  
Knife (cockpit), readily accessible.  
Lifebuoy with drogue and automatic light or Life sling with automatic light.  
Life-lines.  
Navigation lights (working – must not be masked by sail or heeling) and spare bulbs.  
Pyrotechnic (handheld flare), red, 4qty (in date).  
Pyrotechnic (smoke canister), orange 2qty (in date).  
Radar reflector (Passive, 9GHz band).  
Radio receiver capable of receiving weather forecasts.  
Sails (main & jib), storm & heavy weather.  
Softwood plugs (adjacent to all (individual) sea cocks, valves & hull fittings).  
Tool kit (including rigging cutter) and spare parts.  
Torch, white, hi-powered (spotlight) watertight, with spare batteries and bulbs.  
Torch, white, watertight, with spare batteries and bulbs.  
Washboards with lanyards.

Diagram of location and stowage of safety equipment clearly displayed below.

All lifebuoys and buoyant equipment marked clearly with name of boat and (marine grade) retro-reflective material.

### **Category 3 + Life-raft Requirements – All of the Category 4 Requirement Above Plus**

Anchor and ground tackle, (additional – applied to Yachts over 8.5m).

Bulbs, spare (for navigation lights).

Clipping points.

Compass, spare (may be hand-held).

Cooking Stove, permanently installed or securely fastened (with safe accessible fuel shutoff control and capable of being safely operated in a seaway).

Electronic Position-Fixing System (e.g. GPS).

Engine, capable of providing min speed in knots ( $1.8 \times$  square root of LWL in metres).

Fuel, Engine (for 8 hours motoring).

Jackstays.

Life Raft (In-date, to accommodate all the crew, with retro reflective patches ).

Navigation Lights, reserve (same intensity as primary navigation lights with independent power source and wiring).

Pyrotechnic (parachute flare), red, 4qty (in date).

Radio transceiver, marine (if VHF, output 25 watts or more with masthead aerial).

Radio, emergency antenna.

Radio, hand-held marine VHF transceiver, watertight or with a waterproof cover (when not in use to be stowed in a grab bag or emergency container).

Radio, independent of a main radio transceiver (a radio receiver capable of receiving weather bulletins).

Safety Harness, (a strap or tether for each crew member to accompany the safety harness)

Speedometer or log.

Steering - Demonstrable method of steering in case of rudder loss.

Tiller, emergency Use.

Toe rails on the foredeck, abreast of the mast

Toilet or fitted bucket.

Water tank - Installed and delivery pump.

Water, emergency, drinking, 9 litres in sealed containers.

Diagram of location and stowage of safety equipment clearly displayed below.