

## **Simplified Category 1**

### **A. General**

1.02.1 The safety of a yacht and her crew is the sole and inescapable responsibility of the person in charge who must do his best to ensure that the yacht is fully found, thoroughly seaworthy and manned by an experienced crew who have undergone appropriate training and are physically fit to face bad weather. He must be satisfied as to the soundness of hull, spars, rigging, sails and all gear. He must ensure that all safety equipment is properly maintained and stowed and that the crew know where it is kept and how it is to be used.

3.03.1 The vessel shall have been designed and built in accordance with the requirements of ISO 12215 and 12217 Category A (or ABS for boats prior to 2009) and meet the colregs and national safety requirements

### **B. Watertight integrity of hull**

3.02.1 All openings in the hull and deck shall be capable of being firmly shut immediately and remaining firmly shut in a 180 degree capsize (inversion)

3.08.3 A hatch shall be so arranged as to be above the water when the hull is heeled 90 degrees. This includes hatches into lockers that open to the interior of the vessel. A yacht may have a maximum of four (two on each side of centerline) ports that do not conform to this requirement, provided that the opening of each is less than 0.071 sq m (110 sq in)

3.08.4 A companionway hatch shall meet the above, but also, where the companionway hatch extends below the local sheerline, the companionway shall be capable of being blocked off up to the level of the local sheerline, provided that the companionway hatch shall continue to give access to the interior with the blocking devices (e.g. washboards) in place

3.02.3 A centerboard trunk, canting keel pivot and the like shall be completely contained within a watertight enclosure and shall not open into the interior of a hull except via a watertight inspection/maintenance hatch of which the opening shall be entirely above the waterline of the yacht floating level in normal trim.

### **C. MOB Prevention**

3.14.3 The following shall be provided: (a) a bow pulpit, (b) stern pulpit, (c) lifelines supported by stanchions at intervals not more than 2.2m not less than 60cm high. The breaking strength of the entire system and all its components shall be at least 2200kg.

3.17.1 A toe rail minimum height 25mm permanently installed around all deck edges.

4.04.1 The following shall be provided: Jackstays and clipping points with all components of the system greater than 2200kg breaking strength. Which shall enable a crew member to clip on before coming on deck and unclip after going below;  
ii whilst continuously clipped on, to move readily between the working areas on deck and the cockpit(s) with the minimum of clipping and unclipping operations.

5.02.1 Each crew member shall have a harness and safety line that complies with ISO 12401 or equivalent

#### **D. Dealing with MayDay situations**

3.29.1 The following shall be provided: 25 watt marine VHF radio transceiver plus waterproof VHF handheld and a 406mhz EPIRB

4.20.2 SOLAS Liferaft(s) with current inspection shall be provided capable of carrying the whole crew. Stowed and secured so that (1) Each raft shall be capable of being got to the lifelines or launched within 15 seconds but (2) the rafts will not be lost or damaged by a knockdown or solid green water on deck.

4.16 Tools and Spare Parts Tools and spare parts, including effective means to quickly disconnect or sever the standing rigging from the hull shall be provided.

4.06.1 An anchor together with a suitable combination of chain and rope, all ready for immediate use. Minimum weight of the anchor shall be 2.5kg + 1.7kg per 1000kg of displacement.

#### **E. Broken steering**

4.15.1 an emergency tiller capable of being fitted to the rudder stock;

4.16 (B) Tools and Spare Parts Tools and spare parts, including effective means to replace a steering cable, plug the rudder shaft hole, or build an emergency steering sweep, shall be provided.

#### **F. Heavy Weather**

4.26 Storm Sails a storm jib of area not greater than 5% height of the foretriangle squared, with luff maximum length 65% height of the foretriangle, which can be hoisted independent of the headstay luff groove. a storm trysail which shall be capable of being sheeted independently of the boom with area not greater than 17.5% mainsail luff length x mainsail foot length. Sheeting points for both sails shall be marked on deck.

4.27.1 A drogue for deployment over the stern in heavy weather complete with all gear needed to rig and deploy the drogue

#### **G. Medical Emergency**

4.08.1 A comprehensive First Aid Manual shall be provided such as *International Medical Guide for Ships, World Health Organisation, Geneva*

4.08.2 A comprehensive First Aid Kit shall be provided