

**HAWAII YACHT RACING ASSOCIATION  
SAFETY EQUIPMENT CHECKLIST TO  
OFFSHORE SPECIAL REGULATIONS 2002-2003  
FOR CATEGORY 4 RACES**

**SECTION 3 – FIXED EQUIPMENT**

- 3.14.1 Bow Pulpit & Stern Pulpit or Lifelines
- 3.14.2 Taut Lifelines (10 lb weight should not deflect more than 2 inches)
- 3.22 Hand Holds below deck
- 3.23.5(e) Bilge Pump, one manual
- 3.23.5(f) 2 Buckets, each 2.4 gallons capacity of stout construction with lanyards
- 3.24.1(a) Compass, marine type permanently installed and adjusted
- 3.27 Navigation Lights shall not be mounted below deck level and should be no less height than immediately under the upper lifelines
- 3.29.1 Radio receiver capable of receiving weather bulletins

**SECTION 4 – PORTABLE EQUIPMENT**

- 4.03 Soft Wood Plugs stowed adjacent to through hull fittings
- 4.05.1 Fire Extinguishers, at least two readily accessible
- 4.06.1 Anchor, at least one readily accessible
- 4.07.1 Flashlight, watertight with spare batteries and bulb
- 4.08 First Aid Kit and manual
- 4.09 Foghorn
- 4.11 Navigation Charts, light list and plotting equipment
- 4.12 Stowage Chart on durable material
- 4.13 Echo sounder or lead line
- 4.16 Tools & spares, including means to disconnect or sever standing rigging
- 4.17 Yachts name on miscellaneous buoyant equipment
- 4.18 Marine grade retro-reflective material on lifebuoys, lifeslings & lifejackets
- 4.22.1(a) Lifebuoy with drogue or Lifesling © without drogue
- 4.23.1 Pyrotechnic Signals (4 red hand flares & 2 orange smoke flares)
- 4.24 Heaving Line, 50-75 feet long readily accessible in cockpit

**SECTION 5 – PERSONAL EQUIPMENT**

- 5.01 Lifejacket with whistle, one USCG Type III for each crewmember

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FOR CATEGORY 3 RACES**

**CATEGORY 3 RACES REQUIRE THE FOLLOWING EQUIPMENT IN ADDITION TO ALL EQUIPMENT REQUIRED FOR CATEGORY 4.**

**SECTION 3 – FIXED EQUIPMENT**

- 3.17 Toe Rail minimum 1 inch high permanently installed around foredeck
- 3.21.1 Water Tank permanently installed with delivery pump
- 3.21.3 Emergency Water, 2.4 gallons in a dedicated and sealed container(s)
- 3.23.5(d) Bilge Pump, one manual, permanently installed & operable with all cockpit seats, hatches and companionways shut.
- 3.24.1(b) Compass, in addition to that required in 3.24.1 (a)
- 3.27.4 Reserve navigation lights and power supply may be provided by a portable dry cell battery pack temporarily mounted on the bow pulpit
- 3.28 Engine, a securely covered permanently installed inboard propulsion engine with permanently installed exhaust and fuel supply systems
- 3.28.3(e) Shutoff valve on each fuel tank
- 3.29.1 Marine radio transceiver (VHF shall have rated output of 25W)
- 3.29.1(f) GPS or other automatic fixing device

**SECTION 4 – PORTABLE EQUIPMENT**

- 4.04.1(a) Jackstays, two attached to through bolted or welded deck plates on each side of boat's center line
- 4.06.1 Anchors, at least two for boats LOA 28' and over
- 4.14 Speedometer or distance measuring equipment
- 4.22.1(a) Lifesling © without drogue, with self-igniting light
- 4.23.1 Pyrotechnic Signals: 4 red parachute flares in addition to the requirements for Category 4
- 4.26.8 Heavy weather jib
- 4.26.9 Mainsail reefing to reduce the luff by at least 10%

**SECTION 5 – PERSONAL EQUIPMENT**

- 5.01.2 Lifejacket, USCG Type I or Type III inflatable, with whistle
- 5.02.1 Safety Harnesses, sufficient number for 2/3 of crew