



Offshore Yacht Racing Association

2010 MINIMUM EQUIPMENT REQUIREMENTS FOR OFFSHORE RACING

Yacht name Sail #

Registration# CF Division

Hull Color Deck Color

Where Berthed (Marina) Berth#

Marina phone # Marina after hrs. phone #

Skipper's Name Home Phone #.....

Cell # on BoardEPIRB/PLB Registration# & Authority:.....

Emergency Contact:..... Phone:.....

Yacht Club.....Yacht Club phone #.....

Each boat entered in a YRA offshore race must meet the requirements found in the International Sailing Federation (ISAF) 2010/2011 Offshore Special Regulations for Race Category 2 Monohulls, except as amended herein (See page 5, OYRA Prescriptions to Category 2 requirements) or as exempted in the ISAF Regulations. The minimum equipment required by these regulations is **summarized** below. Each entrant should obtain and read a current copy of these requirements. Visit www.sailing.org to download a copy. When completing this form, if your vessel has been exempted from a requirement please list N/A in the checklist field. Short Handed Sailing divisions must meet the same requirements as full-crewed divisions. A copy of your completed form must be kept on board and presented to any Race Committee Official upon request.

The safety of a boat and her crew is the sole and inescapable responsibility of the owner, who must do his/her best to insure the yacht is found sound and thoroughly seaworthy. The skipper must insure that all safety equipment is properly maintained and stored, and that crewmembers have had instruction in its proper use. In addition to lights and equipment required by the Coast Guard and State laws, all boats participating must meet the minimum equipment requirements as prescribed herein.

Section 2.0 Application & General Requirements

- 2.02 *Inspection.* A yacht may be inspected at any time. If she does not comply with these Special Regulations her entry may be rejected, or she will be liable to disqualification or such other penalty as may be prescribed by the national authority or the race organizers. ■ _____
- 2.03.1 All required equipment shall function properly, be regularly checked, cleaned & serviced, stowed properly when not in use, be readily accessible and be of a type, size & capacity suitable & adequate for the intended use and size of the yacht. ■ _____
- 2.03.2 Ballast and heavy equipment shall be securely fastened in position as well as Internal equipment such as:
 Batteries ■____, stoves ■____, gas bottles ■____, tanks ■____, outboard engines ■____ ,
 Anchors and chains ■____, other ■____, other ■____, gas tank(s) ■____

Section 3.0 Structural Features, Stability, Fixed Equipment

- 3.01 Yachts shall be strongly built, watertight, and particularly with regard to hull, decks and cabin trunks capable of withstanding solid water and knockdowns. They must be properly rigged and ballasted, be fully seaworthy, and meet the standards set forth in ISAF Offshore Special Regulations 2010/2011. Shrouds shall never be disconnected. I have read and understand the all of the scantling and stability requirements as they apply to my boat which meets all of them. ■ _____

I have inspected, modified, repaired or replaced, if required, the following equipment:
 Mast Step(s) ■____ Mast(s) & Boom(s) ■____ Standing Rigging ■____ Running Rigging ■____



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- 3.02.1 A hull, including, deck, coach roof, windows, hatches and all other parts, shall form an integral, essentially watertight unit and any openings in it shall be capable of being immediately secured to maintain the integrity. ■_____
- 3.06 Yachts 28 ft and over shall have at least two exits. At least one exit shall be located forward of the foremost mast except where structural features prevent its installation. ■_____
- 3.09.1 Cockpits shall be structurally strong, self-draining quickly by gravity at all angles, essentially watertight with all openings capable of being strongly and rigidly secure. ■_____
- 3.09.8 *Cockpit Drains.* At least two drains of not less than one-inch diameter or equivalent.
Port drain operable ■_____ starboard drain operable ■_____ open transom boat ■_____
A bilge pump outlet shall not be connected to cockpit drain. ■_____
- 3.10 An emergency device for closing all through-hull openings. Sea cocks and valves themselves are not adequate. A separate means of closing each through hull is available adjacent to the device. ■_____
- 3.14.3 *Pulpits, Stanchions, Lifelines.* The following shall be provided:
Bow pulpit with vertical height and openings essentially conforming to table 7. ■_____
A stern pulpit or lifelines arranged as an adequate substitute with vertical height and openings essentially conforming to table 7. ■_____
Stanchions securely installed, "taut" lifeline(s) conforming to table 7. ■_____
- 3.17 Toe Rail or Foot-Stop conforming to Table 10. ■_____
- 3.18.1 Toilet permanently installed. ■_____
- 3.19.2 Bunks permanently installed. ■_____
- 3.20.1 A cooking stove capable of being safely operated in a seaway. ■_____
- 3.21.3 *Emergency Drinking Water.* At least 2.4 gallons of water for emergency use shall be provided in a dedicated and sealed container(s) ■_____
- 3.22 *Hand Holds.* Adequate hand holds shall be fitted below deck so that crew members may move about safely at sea. ■_____
- 3.23 *Bilge pumps & Buckets.* Two permanently installed manual bilge pumps, one operable above and one below deck. Each operable with all below deck openings closed.
Pump(s) installed/properly operating ■_____ pump handle properly secured ■_____ accessible strum boxes ■_____ Two stout buckets at least 2.4 gal. ■_____
- 3.24 Marine magnetic compass, independent of any power supply, permanently installed and correctly adjusted with deviation card. □_____ second hand held or permanently installed compass. ■_____
- 3.25 *Halyards.* No mast shall have less than two halyards capable of hoisting a sail. ■_____
- 3.27 Navigation lights conforming to requirements. ■_____ Reserve navigation lights with separable power source and wiring supply system essentially separate from that used for the normal navigation lights. ■_____ spare bulbs shall be carried. ■_____
- 3.28.1 Engines and associated systems shall be installed in accordance with their manufacturers' guidelines and shall be of a type, strength, capacity, and installation suitable for the size and intended use of the yacht.
■_____ Fuel sufficient for charging and able to run the boat at required speed for at least eight hours. ■_____
- 3.28.4 *Batteries.* When an electric starter is the only method for starting the engine, the yacht shall have a separate battery, the primary purpose of which is to start the engine. It is recommended that consideration be given to the installation of sealed batteries, noting however that a special charging device may be specified by the battery manufacturers. ■_____
- 3.29 Communications Equipment. EPFS (Electronic position-Fixing System) The following shall be provided:
VHF two-way radio telephone permanently installed in accordance with regulations. ■_____ A hand-held marine VHF transceiver, water tight or with a waterproof cover. ■_____
Independent of a main radio transceiver a radio receiver capable of receiving weather bulletins. ■_____
EPFS (Electronic Position-Fixing System) e.g. GPS ■_____

Section 4.0 Portable Equipment & Supplies

- 4.01 Sail numbers and letters must be carried on the mainsail and others sails as required in the RRS. ■_____
- 4.03 Soft wood plugs, tapered and of appropriate size, shall be attached or stowed adjacent to the appropriate fitting for every through-hull opening. ■_____
- 4.04 Jackstays, clipping points and static safety lines with min. break strength of 4,500 lb. ■_____



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Clipping Points and or Jackstays shall be so arranged to allow clip on before coming on deck and unclip after going below. ■_____

- 4.05 Fire extinguishers, at least two, readily accessible in suitable and different parts of the boat and with minimum 2kgs each of dry powder or equivalent. ■_____
- 4.06 Anchor, chain and rope, minimum 150 feet, all of which shall be of suitable size for the yacht and ready for immediate use. Boats under 28 ft. one anchor & tackle. ■_____ Boats over 28 ft two anchors and tackle. ■_____
- 4.07 Watertight, high-power flashlight or spotlight with spare batteries and bulbs. ■_____
- 4.08 First aid kit and manual. ■_____
- 4.09 A Foghorn shall be provided. ■_____
- 4.10.1 Passive Radar reflector. ■_____
- 4.11 Navigation equipment including charts. ■_____
- 4.12 Safety Equipment Location Chart. Durable stowage chart clearly marked with location of the principal items of safety equipment. ■_____
- 4.13 Echo sounder or lead line. ■_____
- 4.14 Speedometer or distance measuring instrument. ■_____
- 4.15 Emergency steering. Emergency tiller (if required). ■_____
- Alternative methods of steering need to be discussed with crew and worked in advance. ■_____
- 4.16 Tools and spare parts. ■_____
- Rigging cutters, hacksaw and blades. ■_____
- 4.17 Yachts name shall be on miscellaneous buoyant devices such as lifejackets, cushions, lifebuoys, lifeslings, etc. ■_____
- 4.18 Marine grade retro-reflective material shall be fitted to lifebuoys, life slings and lifejackets. ■_____
- 4.22.1 The following shall be provided within reach of the helmsman and ready for instant use:
 - Lifesling and bag handy to the helmsman. ■_____
 - Lifebuoy with 6 ft off the water pole, a whistle, drogue, and self-igniting light. ■_____
- 4.23 Pyrotechnic signals shall be provided conforming to SOLAS LSA Code Chapter III Visual Signals and not older than the stamped expiry date (if any) or if no expire date stamped, not older than 4 years.
Pyrotechnic Signals, stored in a watertight container readily accessible, required as Follows:
 - RED PARACHUTE FLARE. Manufacture date _____
 - RED PARACHUTE FLARE. Manufacture date _____
 - RED PARACHUTE FLARE. Manufacture date _____
 - RED PARACHUTE FLARE. Manufacture date _____
 - RED HAND FLARE. Manufacture date _____
 - RED HAND FLARE. Manufacture date _____
 - RED HAND FLARE. Manufacture date _____
 - RED HAND FLARE. Manufacture date _____
 - ORANGE SMOKE FLARE. Manufacture date _____
 - ORANGE SMOKE FLARE. Manufacture date _____
- 4.23.2 The following lights shall be provided and readily available for the purpose of collision avoidance:
 - A watertight flashlight. ■_____
 - A high-powered white spotlight (searchlight). ■_____
- 4.24 Heaving line (50 ft – 75 ft min length) readily accessible to cockpit. ■_____
- 4.25 Cockpit knife strong, sharp sheathed attached by a lanyard shall be provided readily accessible from deck or a cockpit. ■_____
- 4.26 Storm & Heavy Weather Sails ■_____
- 4.28 Yacht shall be equipped an EPFS (e.g. GPS) capable of immediately recording a man overboard position from the helm station. ■_____

Section 5.0 Personal Equipment

- 5.01 Each crewmember shall have a lifejacket that meets ISAF Regulations ■_____
- 5.02 Safety harness and Safety Lines (Tethers) for each person on board. ■_____



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OYRA PRESCRIPTIONS TO CATEGORY 2 REQUIREMENTS

- 2.03.3 Navigation lights shall be shown from Sunset to Sunrise and when visibility is reduced to two miles or less. ■_____
- 3.08 Hatch Boards shall be in good condition with means to secure. ■_____ Deck Hatch shall be water tight. ■_____ Locker Hatch shall be securable. ■_____
- 3.14 For boats less than 30' the requirement for lifelines and pulpits is waived provided jackstays are installed. ■_____
- 3.18 Toilet permanently installed. For boats under 30' a fitted bucket is acceptable. ■_____
- 3.20 Cooking stove capable of being safely operated at sea is recommended but not required.
- 3.21.1 The requirement for permanently installed delivery pump and water tank is waived. ■_____
- 3.23 Boats under 30' at least one permanently installed manual bilge pump of 10 gallons per minute capacity operable with all hatches and companionways closed. ■_____
- 3.28 The requirement for permanently installed propulsion engine and fuel tanks is waived for boats under 30'. Outboard engines and fuel for eight hours of operation meeting the performance specifications are required. ■_____
- 3.29 **A Cell phone in a waterproof container must be carried on each yacht.** ■_____
- 3.29.1 AIS Is not Required for OYRA Races. ■_____
- 4.19 **The Requirement for a 406 MHz EPIRB is amended to say that a 406 MHz EPIRB OR a 406 MHz PLB unit shall be provided. ■_____ All EPIRB/PLB Devices must be properly registered with the appropriate authority.** ■_____
- 4.20 Unless specifically designated in the Notice of Race the requirement for a life raft is waived. For specifically designated long distance Offshore Races, a life raft capable of carrying the entire crew which must have a valid annual certificate from the manufacturer or an approved agent certifying that it has been inspected and stating the official capacity of the raft that shall not be exceeded.
- 4.21 Grab bags requirements are waived.
- 4.23 OYRA prescribes that for yachts under its jurisdiction, SOLAS flares may not be more than 6 years old except orange smoke flares which may not be more than 10 years old.
- 4.26 Storm & heavy weather sail requirements are waived and the following substituted:
One heavy weather jib sized for the boat is required if boat is equipped to carry a headsail. ■_____
Main sails sufficiently strong for heavy weather and able to be reefed with adequate trimming devices to handle heavy weather conditions. ■_____
- 5.04 OYRA requires Foul Weather Suit for each crewmember. ■_____
- 5.05 OYRA requires a knife for each crewmember. ■_____
- 5.08 OYRA requires a Man-Overboard Practice . ■_____
- 6.01 Safety @ Sea training is strongly recommended. ■_____

I have inspected the above named boat and certify that all of the equipment and safety gear noted above is on board and in good working order. I further certify that we have, in the last three months, conducted a man overboard practice, discussed man overboard s and other emergency procedures with the crew.

Date of Inspection _____

PRINT NAME

SIGNATURE

DATE

During the race please note:

- 4.17 All external clothing and personal floatation devises must have the crewmembers name or boat name affixed to it. ■_____