



Offshore Yacht Racing Association

2009 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 Estimated # of crew.....

Work Phone Cell # on Board Home Phone

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

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

*Each boat entered in an offshore race must meet the requirements found in the International Sailing Federation (ISAF) 2008/09 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 2008/09. 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. ■_____



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I have inspected, modified, repaired or replaced, if required, the following equipment:

Mast Step(s) ■ ____ Mast(s) & Boom(s) ■ ____ Standing Rigging ■ ____ Running Rigging ■ ____

- 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 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. Minimum two full sized berths. ■ ____
- 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. ■ ____
- 3.28.4 Batteries. All rechargeable on board shall be of sealed type from which liquid electrolyte cannot escape. (Other types may continue for the remainder of their service life.) ■ ____
- 3.28 Operable engine and propeller combination capable of driving the boat at speed equal to the square root of the water length.
Properly installed engine and fuel supply system in good order. ■ ____ Adequate protection from effects of heavy weather. ■ ____ If electric starter is only method of starting a dedicated battery shall be supplied. ■ ____
Fuel sufficient for charging and able to run the boat at required speed for at least eight hours. ■ ____
- 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. ■ ____ (Antenna need not be installed at top of mast.)
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 ■ ____



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Section 4.0

- 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. ■ _____
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.
First extinguisher charged. ■ _____ Second extinguisher charged. ■ _____
- 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. ■ _____
Watertight flashlight with spare batteries and bulbs. ■ _____
- 4.08 First aid kit and manual. ■ _____
At least one member of the crew shall hold a current Senior First Aid Certificate or equivalent. ■ _____
- 4.09 Manually operated foghorn. ■ _____
- 4.10.1 Passive Radar reflector. ■ _____
- 4.11 Navigation equipment including charts. ■ _____
- 4.12 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 shall be stored in a watertight container readily accessible. ■ _____
Pyrotechnic Signals required as Follows:

RED PARACHUTE FLARE.	Expiration date	_____	■	_____
RED PARACHUTE FLARE.	Expiration date	_____	■	_____
RED PARACHUTE FLARE.	Expiration date	_____	■	_____
RED PARACHUTE FLARE.	Expiration date	_____	■	_____
RED HAND FLARE.	Expiration date	_____	■	_____
RED HAND FLARE.	Expiration date	_____	■	_____
RED HAND FLARE.	Expiration date	_____	■	_____
RED HAND FLARE.	Expiration date	_____	■	_____
ORANGE SMOKE FLARE.	Expiration date	_____	■	_____
ORANGE SMOKE FLARE.	Expiration date	_____	■	_____



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- 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 lifejacket as follows:
Equipped with a whistle. ■ _____
Fitted with marine grade retro-reflective material. ■ _____
Compatible with the wearer's safety harness. ■ _____
If inflatable, regularly checked for air retention. ■ _____
At least 150N buoyancy in accordance with ISO 12402-3 or equivalent. ■ _____
Equipped with crotch straps or thigh straps. ■ _____
A lifejacket light in accordance with SOLAS LSA code 2.2.3
If inflatable have compressed gas inflation system. ■ _____
(Type 1 USCG approved PFD / Inflatable PFD British or Euro approved.)
- 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 Cell phone in a waterproof container must be carried on each yacht. ■_____
- 4.19 The Requirement for a 406 MHz EPIRB is currently waived, but it is **strongly recommended** that each vessel carry one. An EPIRB, or its equivalent technology will be required in the future. See the YRA Website (www.yra.org) for information on purchasing or renting an EPIRB.
- 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. ■_____