

EAST ANGLIAN OFFSHORE RACING ASSOCIATION

SPECIAL REGULATIONS: INSPECTOR'S CHECKLIST 2009

ALL EAORA/RORC races require compliance with the ISAF Special Regulations (Race Category 3 Monohulls with Life Raft) with prescriptions as printed in the EAORA/RORC Handbooks. Exceptions may apply – refer to Sailing Instructions part 2 for the specific race.

EAORA Sailing Instructions part 1 paragraph 10, requires this Checklist to be completed, signed by an approved EAORA Club member or an EAORA committee member, and signed by the owner/representative before a yacht may start in her first EAORA/RORC race of the season. The completed checklist must be retained on board and a copy must be sent to the EAORA Secretary.

Name of Yacht		Sail No	
Inspected by Name/Club		Owner/ Representative	
Inspector Signature		Owners/Reps Signature	
Date		Date	

The answer to all questions should be YES except where indicated. It is not exhaustive and reference should be made to the complete ISAF Special Regulations when completing this form. See www.sailing.org/specialregs or contact an EAORA committee member, details can be found in the EAORA Handbook. The list has been arranged in the same order as the ISAF Offshore Special Regulations to enable a quick reference to be made.

ORC Ref.	ITEM CHECK	CHECK
1.01	Purpose & Use: Are you aware that this list is to assist the Owner and Club Inspector to check the yacht and her equipment for compliance with the ISAF Special Regulations?	YES/NO
1.02	Responsibility: Are you aware that neither the establishment of these special regulations, their use by race organizers, nor an inspection of a yacht under these special regulations in any way limits or reduces the complete and unlimited responsibility of the Owner or Owner's representative?	YES/NO
EAORA	Have you read the EAORA Memorandum on Safety in the current year EAORA Handbook?	YES/NO
EAORA	Are you aware of, and do you know how to deal with, any special medical problems (e.g. heart disease, asthma) within your crew?	YES/NO
2.02	Are you aware that your yacht can be inspected at any time and that failure to comply with these special regulations could result in non acceptance for a race and/or disqualification?	YES/NO
2.03.2	Ballast & Heavy Equipment: - Are the following items located where shown on the Stowage Chart and are they securely fastened/restrained to withstand knockdown or capsize? (NA any that are not applicable:	
	<ul style="list-style-type: none"> • Internal Ballast? YES/NO/NA • Tools? YES/NO/NA • Tanks? YES/NO/NA • Batteries? YES/NO/NA • Table? YES/NO/NA • Cooker? YES/NO/NA • Anchors & Chain YES/NO/NA • Spare Water? YES/NO/NA • Gas bottles? YES/NO/NA 	
3.04	Stability: - Do you have a SSSN Base Value of 15 or better	YES/NO
3.06	Emergency Exits: 2 escape exits if series date after 1/95 with one located foremost of the mast.	YES/NO
3.08	Hatches:	
	• Can the companionway hatch be locked and unlocked from both above and below deck?	YES/NO
	• Is the companionway hatch capable of being retained with hatch open or shut and secured to the yacht (eg by lanyard) for the duration of the race.	YES/NO
	• Do all your boat's hatches, forward of the maximum beam, opening outwards? <i>(If NOT please see paragraph 3.08.2 of the ISAF regulations for details of options)</i>	YES/NO
	• Are all your boat's hatches above the water when heeled 90 degrees? <i>(If NOT please see paragraph 3.08.2 of the ISAF regulations for details of options)</i>	YES/NO
3.09	Cockpits: Can all openings into the hull (eg locker lids) be strongly and rigidly secured?	YES/NO
	• Can your cockpit self drain at any angle of the boat?	YES/NO
3.12	Keel stepped mast: If this type of mast is fitted to your boat is the heel securely fastened to the mast step or adjoining structure?	YES/NO or N/A
3.14	Lifelines & Pulpits:	
	• Are ALL the lifelines multi-strand minimum 4mm (8.5-13mLOA) or 5mm (over 13mLOA) diameter uncoated stainless steel wire supported by stanchions at intervals not exceeding 2.2M? (Temporary sleeving is permitted but must be regularly removed for inspection)	YES/NO
	• Are the upper rails of pulpits and upper lifelines continuous around the working deck and of a	

	minimum height above working deck of 600mm (24in) at every point (including stern and where deflected by lashing)?	YES/NO
	• Are the upper lifelines taut?	YES/NO
	• Are the lower rails of pulpits and lower lifelines continuous around the working deck at <u>no less</u> than 230mm (9in) above the working deck?	YES/NO
	• Is the lower wire lifeline taut?	YES/NO
	• If you use a taut lanyard of synthetic rope to secure lifelines has this lanyard been replaced this year and is the gap it closes no wider than 100mm (4in)?	YES/NO or N/A
	• If your Bow Pulpit has an opening, is this opening between the pulpit and any part of the boat less than 360mm.	YES/NO or N/A
3.17	Toe Rail: minimum height 25mm (1 inch) permanently installed around foredeck	YES/NO
3.18	Toilet: – Do you have a permanently installed toilet or fitted bucket?	YES/NO
3.19	Bunks: – Do you have permanently installed bunks?	YES/NO
3.20	Cooking Stove: Permanently installed with fuel shut off & being capable of safely operated at sea.	YES/NO
3.21	Water tank(s) and drinking water:	
	• Do you have a permanently installed water tank with a delivery Pump?	YES/NO
	• Do you have a minimum of 9 litres (2 gallons) of drinking water in a dedicated container for emergencies?	YES/NO
3.22	Hand holds: – Do you have adequate hand holds fitted below deck so that the crew members may move about safely at sea?	YES/NO
3.23	Bilge pumps: Do you have a minimum of one bilge pump?	YES/NO
	• Are your bilge pump handles secured against loss overboard?	YES/NO
	• Are your bilge pumps and strum boxes readily accessible for maintenance?	YES/NO
	• Can at least one bilge pump be operated with cockpit lockers, hatches and companionways shut?	YES/NO
	• Are you sure that none of your bilge pump outlet pipes are connected to cockpit drains or that they discharge into the cockpit?	YES/NO
	Buckets : – Do you have a minimum of 2 buckets (9 litre capacity) with lanyards?	YES/NO
3.24	Compass: (independent of any power supply)	
	• Do you have a permanently installed compass, correctly adjusted with deviation card?	YES/NO
	• Do you have a minimum of one spare compass in addition to above?	YES/NO
3.25	Halyards: - No mast shall have less than two halyards, each capable of hoisting a sail	YES/NO
3.27	Navigation lights:	
	• What is your main set? (delete as appropriate) masthead tricolour / bow and stern	
	• With what bulbs? (Minimum; Under 12m LOA – 10W Over 12m LOA = 25W)	YES/NO
	• Do you have spare bulbs or for lights not dependant on bulbs, the appropriate spares?	YES/NO
	• Do you have a reserve set of navigation lights & Spare bulbs?	YES/NO
	• Do the reserve set of navigation lights have a separable powered source?	YES/NO
3.28	Engines & Fuel:	
	• Do you have either a securely covered inboard engine complete with permanently installed fuel and exhaust systems or an Outboard engine with associated tanks and fuel supply all securely fastened?	YES/NO
	• Does your engine provide a minimum speed in knots of square root of LWL in feet?	YES/NO
	• Do you have a minimum amount of fuel to enable you to motor at the above speed for at least 8 hours? Please state calculated quantity litres / gallons	YES/NO
	• Is your engine adequately protected from the effects of heavy weather?	YES/NO
	• If you start your engine with an electric starter, have you got a separate battery whose primary purpose is to start the engine?	YES/NO
	• Do you have a shut-off valve between the fuel tank(s) and the engine?	YES/NO
3.29	Marine Radio & EPFS:	
	• Do you have a VHF radio transceiver with a rated output of 25W, with masthead aerial with not more than 40% power loss.	YES/NO
	• Is your VHF radio capable of receiving channel 72 (Note: 72 is the widely accepted channel for off-shore racing yachts anywhere in the world)	YES/NO
	• Do you carry an emergency antenna?	YES/NO
	• Do you have a hand-held marine VHF transceiver, watertight or with a waterproof cover that when not in use will be stowed in an emergency container?	YES/NO
	• Do you have a separate radio receiver capable of receiving weather bulletins?	YES/NO
	• Do you have an electronic position-fixing system (e.g. GPS)?	YES/NO
	• Class B AIS Transponder - be aware of imminent legislation by some countries to make the carriage of AIS mandatory and RORC recommendation.	RECOM
4.01	Sail Numbers: - Do you comply with RRS 77 and RRS Appendix G as closely as possible?	YES/NO
	• Do you have a means to display your sail numbers and letters of the size carried on the	YES/NO

	mainsail by an alternative means when none of the numbered sails are set?	
4.03	• Can you display your sail number on the port quarter (RORC requirement)	YES/NO
4.04	Plugs: Do you carry an appropriate size softwood plug at every through-hull opening?	YES/NO
	Jackstays, Clipping Points & Static Safety Lines:	
	• Are the Jackstays of the correct material and fitted in the appropriate places?	YES/NO
	• Are the Jackstays in good condition?	YES/NO
	• If made from stainless steel wire are they uncoated and used without sleeving?	YES/NO
	• Can a crewmember clip on before coming on deck?	YES/NO
	• Can a crewmember move around the cockpit and deck safely clipped on at all time?	YES/NO
	• Do you have sufficient clipping points to enable two-thirds of the crew to be simultaneously clipped on without depending on Jackstays?	YES/NO
4.05	Fire extinguishers:	
	• Do you have at least 2 extinguishers, readily accessible, fitted in different parts of the yacht?	YES/NO
4.06	Anchors: - If your boat is under 8.5M (28ft) LOA do you have at least one anchor?	YES/NO
	• If your boat is over 8.5M (28ft) LOA do have at least 2 anchors?	YES/NO
4.07	Flashlights:	
	• Do you have a watertight high-powered flashlight or spotlight with spare batteries and bulbs?	YES/NO
	• A watertight flashlight with spare batteries and bulbs?	YES/NO
	• A water-tight high intensity heavy duty handlamp powered by the ships batteries instantly available for use on deck with spare bulbs. (RORC requirement)	YES/NO
	• A floating torch ready for immediate use in the event of a man overboard at night that can be thrown into the sea and the beam shine vertically upwards. (RORC recommendation)	RECOM
4.08	First Aid: - Do you carry a First Aid Manual?	YES/NO
	• Do you carry a complete First Aid Kit as recommended by your First Aid Manual?	YES/NO
	• Is at least one member of your crew familiar with First Aid procedures, Hypothermia & relevant communications systems	YES/NO
4.09	Foghorn: - Do you carry a functioning foghorn?	YES/NO
4.10	Radar Reflector: - Do you have a passive Radar Reflector?	YES/NO
	• If it is octahedral, does it have a minimum diagonal measurement of 456mm (18in)?	YES/NO/NA
	• If it is not octahedral, does it have a documented RCS of not less than 10 m2?	YES/NO/NA
4.11	Navigation Equipment: Do you have the appropriate Navigational charts (not solely electronic), light list and chart plotting equipment	YES/NO
4.12	Stowage Chart: Do you have a durable chart on displayed in the main accommodation clearly marked with the principle safety equipment	YES/NO
4.13	Echo sounder or lead line: Do you have a means of measuring water depth?	YES/NO
4.14	Distance Measuring instrument: Do you have a means of measuring speed and distance?	YES/NO
4.15	Emergency Steering: - Do you carry a spare tiller?	YES/NO
	• Do you/your crew understand where the spare tiller is stowed, how to fit it and how to use it?	YES/NO
	• Do you have a method of steering the boat in the event of rudder loss?	YES/NO
4.16	Standing rigging: Do you have the tools and are you able to sever or disconnect the main rigging in an emergency?	YES/NO
4.17	Is your Yachts name on all the miscellaneous buoyant equipment (Lifejackets, oars, lifeslings etc)	YES/NO
4.18	Retro-Reflective material: Are the lifebuoys, lifesling (if carried), lifejackets and liferafts fitted with marine grade retro-reflective material?	YES/NO
4.20	Liferaft(s):	
	• Do you have sufficient liferafts to carry the whole crew?	YES/NO
	• Do you have a valid annual inspection certificate for the liferaft(s)?	YES/NO
	• Does the Servicing certificate state the specification that the liferaft was built to?	YES/NO
	Liferaft	Liferaft
	Serial No	Serial No
	Make	Make
	Model	Model
	No Persons	No Persons
	HIRED/OWNED (Delete as appropriate)	HIRED/OWNED (Delete as appropriate)
	• Is the Liferaft stowed in a transportable rigid container on the deck or in the cockpit OR in a purpose built rigid compartment opening into the cockpit? (Yachts post 6/01)	YES/NO
	• Is the Liferaft packed in a valise not exceeding 40kg and securely stowed below deck adjacent to the companionway. (Yachts prior to 6/01)	YES/NO
	• If your Liferaft weighs more than 40kgs is it stowed in such a way that it can be dragged or slid into the sea without the need for significant lifting?	YES/NO

	<ul style="list-style-type: none"> Is the yacht end of the painter permanently made fast to a strong point on board the yacht? RECOM Can each of your liferafts be got to the lifelines or in the water within 15 seconds? YES/NO It is recommended that yachts have a grab bag available for each Liferaft carried. The grab bag should have inherent floatation, a lanyard and clip and be marked with the yacht's name. RECOM
4.22	<ul style="list-style-type: none"> See the ISAF regulations for the recommended contents of the grab bag. RECOM <p>Lifebuoys:</p> <ul style="list-style-type: none"> Is at least one lifebuoy with a self-igniting light and a drogue or lifesling with a self-igniting light within reach of the helmsman and ready for instant use (i.e. neatly organized without tangle)? YES/NO <ul style="list-style-type: none"> Are all lifebuoys and lifeslings fitted with marine grade retro-reflective material? YES/NO Do you have inflatable lifebuoys or a Pole & Flag extended by compressed gas? YES/NO Have these items been tested/serviced in accordance with manufacturer instructions? YES/NO
4.23	<p>Pyrotechnic Signals: - Do you have as a minimum the following pyrotechnic signals that are not older than the stamped expiry dates or 4 years? YES/NO</p> <p>4 red hand held YES/NO 4 red parachute YES/NO 2 orange smoke day YES/NO</p> <p>4 white hand held YES/NO RORC Requirement</p> <ul style="list-style-type: none"> Do you have a watertight white torch (Flashlight) with spare batteries and bulbs? YES/NO Do you have a watertight, high-powered white spotlight (searchlight) with spare batteries and bulbs? YES/NO
4.24	<p>Heaving Line: Do you have a line of 15m to 25m in length readily accessibly in the cockpit? YES/NO</p>
4.25	<p>Cockpit Knife: Do you have a strong sharp knife securely attached and readily accessible from the deck or cockpit? YES/NO</p>
4.26	<p>It is strongly recommended that owners consult their designer and sailmaker to decide the most effective size for storm & heavy weather sails. The purpose of these sails is to provide safe propulsion for the yacht in severe weather – they are not intended as part of the racing inventory.</p> <ul style="list-style-type: none"> Do you have sheeting positions on deck for each storm and heavy weather sail? YES/NO Do you have a Storm Jib or Trysail? (Options) YES/NO/NA Is it free of aromatic polyamides, carbon or kevlar and similar fibres other than spectra/dyneema? YES/NO/NA Do you have a Heavy Weather jib? (Options) YES/NO/NA Is it free of aromatic polyamides, carbon or kevlar and similar fibres other than spectra/dyneema? RECOM Can your storm or heavy weather jib be attached to the forestay independent of the luff groove? YES/NO Do you have the facility to reef your mainsail to reduce the Luff by at least 40%? (No trysail required) YES/NO or N/A <p>Trysail gear (When Required):</p> <ul style="list-style-type: none"> Have you got a complete tested system including sheets and blocks ready to sheet the trysail independently of the boom? YES/NO Does your trysail have your yacht's sail number on both sides? YES/NO
5.01	<p>Lifejacket & Harness:</p> <ul style="list-style-type: none"> Do you have a lifejacket for each member of the crew, equipped with a whistle and retro-reflective tape, clearly marked with the Yacht or wearers name? YES/NO Does the lifejacket have at least 150N buoyancy and comply with ISO 12402 to fit the wearer? YES/NO If the lifejacket is inflatable – does it have a compressed gas inflation system? YES/NO If the lifejacket is inflatable, has it been checked for air retention? YES/NO Does every Lifejacket have crotch or thigh straps? YES/NO Does every lifejacket have a light in accordance with SOLAS LSA code 2.2.3(White, >0.75 candelas, > 8 hours)? YES/NO Recommendation – every lifejacket has a splashguard/sprayhood and a PLB unit. RECOM
5.02	<p>Safety Harness & Safety Lines:</p> <ul style="list-style-type: none"> Do you have a harness and safety line (EM1095 or equivalent) for each crewmember? YES/NO Have you provided sufficient 1m-safety lines or a 2m safety lines with a mid-point snaphook to accommodate at least 30% of your crew. YES/NO Are all the harnesses and lifejackets compatible? YES/NO Are your harnesses fitted with a crotch or thigh straps. (RORC Requirement/ORC Recommend) YES/NO If you have safety lines purchased after 1/01 have the overload indicators been inspected? YES/NO Will you ensure that your crews wear a harness & life jacket when on deck between the hours of sunset and sunrise, when alone on deck, when reefed, when the wind speed is above 25knots and when visibility is less than 1 nautical mile. (RORC Requirement) YES/NO Snap hooks should be of a type which will not self-release from a U-bolt and can be easily released under load.(RORC Requirement and an ORC recommendation) YES/NO