

EAST ANGLIAN OFFSHORE RACING ASSOCIATION

SPECIAL REGULATIONS CHECKLIST 2014 ISAF Category 4 plus EAORA Prescriptions

ALL EAORA/RORC races require compliance with either the ISAF Special Regulations Race Category 3 Monohulls with Category 2 Life Raft (and RORC/EAORA prescriptions were applicable) or the ISAF Special Regulations Race Category 4 Monohulls with EAORA prescriptions. EAORA Sailing Instructions part 1 paragraph 11, require this Checklist to be completed and signed by the person in charge 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 Chief Race Officer before the first race that the yacht starts. The answer to all questions should be YES except where indicated, Changes for 2013/14 are indicated by #.

Name of Yacht:		Sail No:		Date Checked:	
I have checked this yacht and confirm that it complies with:		ISAF Category 4 plus EAORA Prescriptions requirements			
Name of person in charge:		Signature of person in charge:			

This checklist shows the requirements for EAORA races shown as OSR Category 4 compliant in the Notice of Race. 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 for help, details can be found on the EAORA Website www.eaora.org.uk The list has been arranged in the same order as the ISAF Offshore Special Regulations to enable a quick reference to be made.

ISAF Ref.	ITEM CHECK	CHECK
1.02	Responsibility: The safety of a yacht and her crew is the sole and inescapable responsibility of the person in charge who must do his/her 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. She/he must be satisfied as to the soundness of hull, spars, rigging, sails and all gear. She/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. She/he shall also nominate a person to take over the responsibilities of the person in charge in the event of his/her incapacitation.	YES
1.02	Responsibility: Are you aware this list is to assist the Owner to check the yacht and her equipment for compliance with the ISAF Special Regulations and that neither the establishment of these special regulations, or their use by race organizers in any way limits or reduces the complete and unlimited responsibility of the person in charge?	YES #
EAORA 2.02	Have you read and understood the EAORA Memorandum on Safety on the EAORA Website? 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 YES
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)	
	Internal Ballast? YES/NA Tools? YES/NA Tanks? YES/NA	
	Batteries? YES/NA Table? YES/NA Cooker? YES/NA	
	Anchors & Chain YES/NA Spare Water? YES/NA Gas bottles? YES/NA	
3.03#	Keel: Have you inspected the keel and keel/hull attachment structure?	RECOM#
3.04	Stability: - Do you have a SSSN Base Value of 15 or STIX value of 23 or better (EAORA Prescription)	YES
3.06	Emergency Exits: 2 escape exits if series date after 1/95 with one located foremost of the mast.	YES
3.08	Hatches: Do all your boat's hatches, forward of the maximum beam, opening outwards?	YES
3.08.2 & 3	• Are all your boat's hatches above the water when heeled 90 degrees? (If NOT do you carry, on board, a written statement signed by the designer/builder who performed the downflooding analysis)	YES
3.08.4	• Can the companionway hatch be locked and unlocked from both above and below deck?	YES
	• 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
3.08.5& 6	• If your companionway extends below the local sheerline; (delete the statement below as applicable)	YES/NA
	• And your cockpit is fully closed, can you block off the companionway up to the local sheerline.	
	• And your cockpit is open aft to the sea, are you compliant with ISO 11812 category A.	
3.09	Cockpits: Can all openings into the hull (eg locker lids) be strongly and rigidly secured?	YES
	• Can your cockpit self drain at any angle of the boat?	YES

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/NA
3.14#	Lifelines & Pulpits: <ul style="list-style-type: none"> • Check ALL 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) NOTE: ISAF permits Dyneema rope to be used – BUT EAORA will follow the RORC lead and not recognize this ruling for 2013 – See EAORA Sailing Instructions Part 1 paragraph 1.5	YES #
#	• Check the upper rails of pulpits and upper lifelines are 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) and are taut (Less than 50mm deflection). (Yachts under 28ft – for minimum height – check regulations)	YES#
#	• Check the lower rails of pulpits and lower lifelines are continuous around the working deck at no less than 230mm (9in) above the working deck and are taut (Less than 120mm deflection). <ul style="list-style-type: none"> • If you have a 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)? • If your Bow Pulpit has an opening, is this opening between the pulpit and any part of the boat less than 360mm. 	YES# YES/NA YES/NA
3.18	Toilet: – Do you have a permanently installed toilet or fitted bucket?	YES
3.19	Bunks: – Do you have permanently installed bunks?	YES
3.21	Water tank(s) and drinking water: (EAORA Prescription) <ul style="list-style-type: none"> • Do you have a minimum of 9 litres (2 gallons) of drinking water in a dedicated container for emergencies? 	YES
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
3.23	Bilge pumps: Do you have a minimum of one bilge pump? <ul style="list-style-type: none"> • Are your bilge pump handles secured against loss overboard? • Are your bilge pumps and strum boxes readily accessible for maintenance? • The Bilge pump is not connected to cockpit drains and does not discharge into the cockpit unless the cockpit opens aft to the sea. Buckets : – Do you have a minimum of 2 buckets (9 litre capacity) with lanyards?	YES YES YES YES YES
3.24	Compass: (independent of any power supply) <ul style="list-style-type: none"> • Do you have a permanently installed compass, independent of any power supply, correctly adjusted with deviation card? 	YES
3.25	Halyards: - No mast shall have less than two halyards, each capable of hoisting a sail	YES
3.27	Navigation lights: My main set is: masthead 2tricolor / bow and stern (delete as appropriate) <ul style="list-style-type: none"> • Fitted with what bulbs? (Minimum; Under 12m LOA – 10W Over 12m LOA = 25W) • Do you have spare bulbs or for lights not dependant on bulbs, the appropriate spares? 	YES YES
3.28	Engines & Fuel: (EAORA Prescription)	
3.28.1	• 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
3.28.1	• Is your engine adequately protected from the effects of heavy weather?	YES
3.28.1	• Does your engine provide a minimum speed in knots of square root of LWL in feet?	YES
3.28.2	• Do you have a separate generator (Optional)? – If so, is it securely installed, covered and complete with permanently installed fuel, cooling and exhaust systems	YES/NA
3.28.3	• Do you have a shut-off valve between the fuel tank(s) and the engine?	YES
3.28.3	• 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
3.28.4	• If you start your engine with an electric starter, have you got a separate battery whose primary purpose is to start the engine?	YES
3.29#	Marine Radio & EPFS:	
3.29.1a &b	• Do you have a VHF radio transceiver with a rated output of 25W, with masthead aerial with not more than 40% power loss and an emergency aerial? (EAORA Prescription)	YES
3.29.1b	• Is your VHF radio capable of receiving channel 72 (Note: 72 is the widely accepted channel for off-shore	YES

	racing yachts anywhere in the world) (EAORA Prescription)	
3.29.1e	• 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
#	• Does this handheld transceiver have DSC facilities and equipped with GPS?	YES#
3.29.1f	• Do you have a separate radio receiver capable of receiving weather bulletins?	YES
3.29.1o	• Class B AIS Transponder – be aware of imminent legislation by some countries to make the carriage of AIS mandatory and RORC recommendation.	RECOM
3.29.2		
4.01	Sail Numbers: - Do you comply with RRS 77 and RRS Appendix G as closely as possible?	YES
	• Do you have a means to display your sail numbers by alternative means when no sails are set?	YES
4.03	Plugs: Do you carry an appropriate size softwood plug at every through-hull opening?	YES
4.05	Fire extinguishers:	
	• Do you have at least 2 extinguishers, readily accessible, fitted in different parts of the yacht?	YES
4.05	• Do you have a fire blanket adjacent to every cooking device with an open flame?	YES #
4.06	Anchors: - Do you have at least one anchor, readily accessible?	YES
4.07	Flashlights: Do you have a watertight flashlight with spare batteries and bulbs – Readily available?	YES
	• Also a watertight high-powered spotlight with spare batteries and bulbs - Readily available?	YES
4.08	First Aid: - Do you carry an appropriate marine First Aid Manual?	YES
	• Do you carry a complete First Aid Kit as recommended by your First Aid Manual?	YES
	• Does your First aid fit reflect the needs of the number of people on board and the duration of the passage?	YES
6.05.3	• Is at least one member of your crew familiar with First Aid procedures, Hypothermia & relevant communications systems	YES
4.09	Foghorn: - Do you carry a functioning foghorn?	YES
4.10.1	Radar reflector: - Do you have a passive Radar Reflector?	YES
	• If it is octahedral, does it have circular sector plates of a minimum diameter of 300mm (12in)?	YES/NA
	• If it is not octahedral, does it have a documented minimum RCS of not less than 2 m2?	YES/NA
4.11	Navigation Equipment: Do you have the appropriate Navigational charts (not solely electronic), light list and chart plotting equipment	YES
4.12	Stowage Chart: Do you have a durable chart on displayed in the main accommodation clearly marked with the principle safety equipment	YES
4.13	Echo sounder or lead line: Do you have a means of measuring water depth?	YES
4.16	Tools & Spare Parts: Do you have suitable tools and spare parts including effective means to quickly sever or disconnect the standing rigging in an emergency?	YES
4.17	Is your Yachts name on all the miscellaneous buoyant equipment (Lifejackets, oars, cushions, life slings etc)	YES
4.18	Retro-Reflective material: Are the lifebuoys, life sling (if carried), lifejackets and life rafts fitted with marine grade retro-reflective material?	YES
4.22	Lifebuoys:	
4.22.1	• 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
4.22.3	• Do you have inflatable lifebuoys or a Pole & Flag extended by compressed gas?	YES/NA
4.22.3	• Have these items been tested/serviced in accordance with manufacturer instructions?	YES/NA
4.22.4	• Are all lifebuoys and life slings fitted with marine grade retro-reflective material?	YES
4.22.5	• Are all lifebuoys of the safety colour, yellow-red range?	RECOM
4.23	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
	4 red hand held YES 2 orange smoke day YES	
4.24	Heaving Line: Do you have a line of 15m to 25m in length readily accessibly in the cockpit?	YES
4.25	Cockpit Knife: A strong sharp knife securely attached and readily accessible on the deck or cockpit is fitted?	YES
4.26	Storm & Heavy Weather Sails: 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.	
	• Do you have sheeting positions on deck for each storm and heavy weather sail?	YES
	• Do you have a Storm Jib or Trysail? (Options)	YES/NA

	• Is it free of aromatic polyamides, carbon or kevlar and similar fibres other than spectra/dyneema?	YES/NA
	• Do you have a Heavy Weather jib? (Options)	YES/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
	• Do you have the facility to reef your mainsail to reduce the Luff by at least 40%? (No trysail required)	YES/NA
	Trysail gear (When Required): Have you a complete tested system including sheets and blocks ready to sheet the trysail independently of the boom?	YES
	• Does your trysail have your yacht's sail number on both sides?	YES
5.01	Lifejacket & Harness: Do you have a lifejacket for each member of the crew, equipped with a whistle and retro-reflective tape, crotch or thigh straps and clearly marked with the Yacht or wearers name?	YES
	• Does the lifejacket have at least 150N buoyancy and comply with ISO 12402 to fit the wearer?	YES
	• If the lifejacket is inflatable – does it have a compressed gas inflation system?	YES
	• If the lifejacket is inflatable, has it been checked for air retention?	YES
	• Is every lifejacket fitted with a light (SOLAS LSA code 2.2.3(White, >0.75 candelas, > 8 hrs)?	YES
	• Recommendation – every lifejacket has a splashguard/sprayhood and a PLB unit.	RECOM
	• Will you ensure that your crew wears 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.	EAORA RECOM