

EAST ANGLIAN OFFSHORE RACING ASSOCIATION

SPECIAL REGULATIONS CHECKLIST 2014 ISAF Category 3 plus Category 2 Liferaft

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 where applicable) or the ISAF Special Regulations Race Category 4 Monohulls with EAORA prescriptions. EAORA Sailing Instructions part 1 paragraph 11, requires 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 3 plus Category 2 Liferaft requirements			
Name of the Person in charge:		Person in charge Signature:			

This checklist is for the use of those yachts intending to compete in the EAORA offshore races. It is not exhaustive and reference should be made to the complete ISAF Special Regulations when completing the check, see www.sailing.org/specialregs or contact an EAORA committee member for help, details can be found in the EAORA Handbook or www.eaora.org.uk The list is 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	Have you read and understood the EAORA Memorandum on Safety – downloaded from the EAORA Website?	YES																		
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																		
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)																			
	<table border="0"> <tr> <td>• Internal Ballast?</td> <td align="center">YES/NA</td> <td>• Tools?</td> <td align="center">YES/NA</td> <td>• Tanks?</td> <td align="center">YES/NA</td> </tr> <tr> <td>• Batteries?</td> <td align="center">YES/NA</td> <td>• Table?</td> <td align="center">YES/NA</td> <td>• Cooker?</td> <td align="center">YES/NA</td> </tr> <tr> <td>• Anchors & Chain</td> <td align="center">YES/NA</td> <td>• Spare Water?</td> <td align="center">YES/NA</td> <td>• Gas bottles?</td> <td align="center">YES/NA</td> </tr> </table>	• 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	
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3.03#	Keel: Have you inspected the keel and keel/hull attachment structure.	RECOMM																		
3.04#	Stability: - Do you have a Recreational Craft Directive Certification (CE mark) for your yacht giving the OSR & ISO Categories. Or can you provide documentation showing the yacht has a SSSN Base Value of 15 or STIX value of 23 or better	YES/NA or YES/NA																		
3.04#	If your yacht has moveable and/or variable ballast – does it comply with the relevant sections of OSR 3.04	YES/NA																		
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? • 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) • 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.	YES/NA																		
3.09	Cockpits: Can all openings into the hull (eg locker lids) be strongly and rigidly secured? • Can your cockpit self drain at any angle of the boat?	YES 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: • 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/Spectra to be used – BUT EAORA will follow the RORC lead and not recognize this ruling for 2014	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 (no more 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 (no more than 120mm deflection).	YES
#	• 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)?	YES/NA
	• If your Bow Pulpit has an opening, is this opening between the pulpit and any part of the boat less than 360mm.	YES/NA
3.17	Toe Rail: minimum height 25mm (1 inch) permanently installed around foredeck	YES
3.18	Toilet: – Do you have a permanently installed toilet or fitted bucket?	YES
3.19	Bunks: – Do you have permanently installed bunks?	YES
3.20	Cooking Stove: Permanently installed with fuel shut off & capable of safe operation at sea.	YES
3.21	Water tank(s) and drinking water:	
	• Do you have a permanently installed water tank with a delivery Pump?	YES
	• 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?	YES
	• Are your bilge pump handles secured against loss overboard?	YES
	• Are your bilge pumps and strum boxes readily accessible for maintenance?	YES
	• Can at least one bilge pump be operated with cockpit lockers, hatches and companionways shut?	YES
	• The Bilge pump is not connected to cockpit drains and does not discharge into the cockpit unless the cockpit opens aft to the sea.	YES
	Buckets : – Do you have a minimum of 2 buckets (9 litre capacity) with lanyards?	YES
3.24	Compass: (independent of any power supply)	
	• Do you have a permanently installed compass, correctly adjusted with deviation card?	YES
	• Do you have a minimum of one spare compass, independent of power supply, in addition to above?	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 tricolour / bow and stern (delete as appropriate)	
	• Fitted with what bulbs? (Minimum; Under 12m LOA – 10W Over 12m LOA = 25W)	YES
	• Do you have spare bulbs or for lights not dependant on bulbs, the appropriate spares?	YES
	• Do you have a reserve set of navigation lights & spare bulbs?	YES
	• Do the reserve set of navigation lights have a separable powered source?	YES
3.28	Engines & Fuel:	
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
3.28.4	• # Are all rechargeable batteries on board of a sealed type from which no electrolyte can escape?	YES #
	• (After 1/12 other batteries may continue to be used for the remainder of their service life)	
3.29#	Marine Radio & EPFS: (NOTE: All fitted VHF transceivers MUST be DSC after December 2015)	
3.29.1a	• 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 antenna?	YES
&b		
3.29.1b	• 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 (EAORA & RORC Requirement)	YES
3.29.1b#	• Do you have a DSC capable VHF Transceiver programmed with your unique MMSI?	YES#
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 and be equipped with GPS	YES#
3.29.1f	• Do you have a separate radio receiver capable of receiving weather bulletins?	YES
3.29.1i	• Do you have an electronic position-fixing system (e.g. GPS)?	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 on the Port Quarter when no sails are set? (ISAF OSR 4.01.2 Amendment – 2013)	YES
4.03	Plugs: Do you carry an appropriate size softwood plug at every through-hull opening?	YES
4.04	Jackstays, Clipping Points & Static Safety Lines: Are the Jackstays in good condition?	YES
4.04.1	• Are the Jackstays of the correct material (uncoated Stainless steel wire without sleeving or Dyneema or Spectra or equivalent strength Webbing) and fitted in the appropriate places?	YES
4.04.2	• Can a crewmember clip on before coming on deck?	YES
4.04.2	• Can a crewmember move around the cockpit and deck safely clipped on at all time?	YES
4.04.2	• Do you have sufficient clipping points to enable two-thirds of the crew to be simultaneously clipped on without depending on Jackstays?	YES
4.05.2	• Fire Extinguishers - Do you have at least 2 extinguishers, minimum 2kgs each of dry powder, readily accessible, fitted in different parts of the yacht?	YES
4.05.4	• Do You Have a fire Blanket adjacent to every cooking device with an open flame?	YES
4.06	Anchors: - Do you have the following anchors with suitable chain/rope, ready for immediate use.	
	• If your boat is less than 8.5M (28ft) LOA do you have at least one anchor?	YES/NA
	• If your boat is 8.5M (28ft) LOA and over, do have at least 2 anchors?	YES/NA
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
RORC	• A water-tight high intensity heavy duty hand lamp powered by the ships batteries instantly available for use on deck with spare bulbs. (RORC requirement)	YES/NA
RORC	• 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 suitable marine First Aid Manual?	YES#
	• Do you carry a complete First Aid Kit as recommended by your First Aid Manual & reflect 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 diameter of 30cm (12in)?	YES/NA or
#	• If it is not octahedral, does it have a documented minimum RCS area of not less than 2 m2?	YES/NA
4.10.2	The most effective response from a yacht may be provided by a Radar Target Enhancer which may be provided in addition to the passive reflector.	RECOM #
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
4.14	Distance Measuring instrument: Do you have a means of measuring speed and distance?	YES
4.15	Emergency Steering: - Do you carry a spare tiller?	YES
	• Do your crew understand where the spare tiller is stowed, how to fit it and how to use it?	YES
	• Do you have an effective method of steering the boat in the event of rudder loss?	YES
	• Have you and your crew tested the alternative steering method?	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, life slings, cushions 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
4.20	Liferaft(s):	
	• Do you have sufficient liferafts to carry the whole crew?	YES
	• Do you have a valid inspection certificate for the liferaft(s)? (NOTE Depends on liferaft Build specification)	YES#
	• Does the Servicing certificate state the specification that the liferaft was built to? (OSR or ISO)	YES#
	• 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
	• 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
	• Is the yacht end of the painter permanently made fast to a strong point on board the yacht?	YES
	• Can each of your life rafts be got to the lifelines or in the water within 15 seconds?	YES
	• 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
	•	

	Liferaft Serial	Liferaft Serial	
	No	No	
	Make	Make	
	Model	Model	
	No Persons	No Persons	
	HIRED/OWNED (Delete as appropriate)	HIRED/OWNED (Delete as appropriate)	
4.21	• 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
	• See the ISAF regulations for the recommended contents of the grab bag.		RECOM
4.22	Lifebuoys:		
4.22.1	• Is at least one lifebuoy with a self-igniting light and a drogue 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 your Lifebuoys in the yellow-red range of safety colours.		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 red parachute		YES
4.24#	Heaving Line: Do you have a line of 15m to 25m in length readily accessibly in the cockpit?		YES
#	Lifesling: Do you have a Lifesling?		YES#
RORC	• Do you have a lifting strop (helicopter strop) to enable MOB recovery?		RECOM
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/NA
	• 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
	• Harness & life jacket shall be worn 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)		EAORA RECOM
	• Recommendation – every lifejacket has a splashguard/sprayhood and a PLB unit.		RECOM
5.02	Safety Harness & Safety Lines: Do you have a harness and safety line for each crewmember		YES
	• Have you provided sufficient 1m safety lines or a 2m safety lines with a mid-point snap hook to accommodate at least 30% of your crew.		YES
	• If you have safety lines purchased after 1/01 have the overload indicators been inspected?		YES/NA
	• Are all the harnesses and lifejackets compatible?		YES
	• Snap hooks should not be able to self-release from a U-bolt but can be easily released under load.		RECOM
5.06.2	• Do you have a pocket torch/strobe light for each crew member (RORC Recommendation)		RECOM