

## Checklist Offshore Special Regulations (OSR) 2021 Monohull category 2-4 and Appendix B



**OPMERKING:** Deze Checklist betreft een verkorte weergave van de veiligheidseisen per OSR categorie. Het complete OSR overzicht is te vinden op: [www.sailing.org/documents](http://www.sailing.org/documents) én deze zijn bepalend!

Hierin vindt u ook aan welke kwaliteitseisen de boot, apparatuur en uitrusting moet voldoen.

RED TYPE: indicates significant changes in 2021  
GREEN TYPE: indicates Guidance notes and recommendations  
BLUE TYPE: indicates RORC Prescriptions

OSR categories:

- **Category 2:** Races of extended duration along or not far removed from shorelines or in large unprotected bays or lakes, where a high degree of self-sufficiency is required of the boats
- **Category 3:** Races across open water, most of which is relatively protected or close to shorelines
- **Category 4:** Short races close to shore in relatively warm or protected waters normally held in daylight
- **Category 5 - Appendix B:** Short races, close to shore in relatively warm and protected waters where adequate shelter and/or effective rescue is available all long the course, held in daylight only

Article	Item Category:	2	3	4	B
1.02.1	Under RRS 3 the responsibility for a boat's decision to participate in a race or continue racing is hers alone. The safety of a boat and her crew is the sole and inescapable responsibility of the Person in Charge who shall do his best to ensure that the boat is fully found, thoroughly seaworthy and manned by an experienced and appropriately trained crew who are physically fit to face bad weather. The person in charge shall also assign a person to take over his responsibilities in the event of his incapacitation. He must be satisfied as to the soundness of hull, spars, rigging, sails and all gear. 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.	X	X	X	X
2.03	A boat may be inspected at any time. If she fails to comply with the OSR her entry may be rejected or she will be subject to protest.	X	X	X	X
2.04.1	All equipment required by OSR shall: function properly, be regularly checked, cleaned and serviced, when not in use be stowed in conditions in which deterioration is minimised, be readily accessible and be of a type, size and capacity suitable and adequate for the intended use and size of the boat. <b>If it has an expiry date, it will not have exceeded its expiry date whilst racing.</b>	X	X	X	X
2.04.2	Heavy items shall be permanently installed or securely fastened	X	X	X	X
3.02.3	<b>Effective 1 January 2022: Evidence of a structural inspection in accordance with 3.02.2 within 24 months before the start of the race or after a grounding whichever is the later. See OSR appendix L.</b>	X	X		
3.03	Yachts shall be designed, built and maintained in accordance with ISO 12215 category A and have a World Sailing building plan review certificate or ABS certificate of plan approval or a CE mark for the EC Recreational Craft Directive, category A.	X			
3.04.1	Yachts shall be able to demonstrate compliance with ISO 12217-2 design cat. A or higher (cat. 2) or design cat. B or higher (cat. 3) stability specifications, either by EC Recreational Craft Directive certification having obtained the CE mark or the designer's declaration	X	X		
3.08.4a	A companionway hatch shall be fitted with a strong securing arrangement which shall be operable from the exterior and interior even when the boat is inverted	X	X	X	





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3.10	Sea cocks or valves shall be permanently installed on all through-hull openings below the waterline except integral deck scuppers and instrument through-hulls.	X	X	X	
3.12	The heel of a keel stepped mast shall be securely fastened to the mast step or adjoining structure.	X	X	X	
3.14.1	A bow pulpit, a stern pulpit and lifelines shall be provided and form a continuous barrier around a working deck.	X	X	X	
3.14.1i	Maximum deflection upper or single lifeline: 50 mm, and intermediate lifeline: 120 mm with a 4 kg weight (See original OSR).	X	X	X	
3.14.6a	Lifelines shall be of uncoated stainless steel (see OSR for specifications).	X	X		
3.14.6a,f	Lifelines shall be of uncoated stainless steel or High Modulus Polyethylene (HMPE) dyneema/spectra rope, which shall be protected from chafe (see OSR for specifications). <b>RORC does not allow rope.</b>			X	X
3.17.1	A toe rail of minimum height 25 mm, located as close as practicable to the stanchion bases, around the foredeck from abreast the mast.	X	X		
3.18	A toilet, permanently installed (fitted bucket complies for cat. 3 & 4).	X	X	X	
3.19.2	Bunks, permanently installed or securely fastened.	X	X	X	
3.20	A cooking stove, permanently installed, capable of being operated at sea with fuel shutoff control.	X	X		
3.21.1	A yacht shall have a permanently installed delivery pump and drinking water tank(s).	X	X		
3.21.3a	Emergency drinking water, at least 9 litres in dedicated and sealed container(s).	X	X		
3.22	Adequate hand-holds shall be fitted below deck.	X	X	X	
3.23.1a	Two strong buckets, each with a lanyard and of at least 9 l capacity (App B: one bucket, App B 3.23).	X	X	X	X
3.23.1b	Two permanently installed manual bilge pumps (one complies for cat. 3).	X	X		
3.23.1b	One manual bilge pump.			X	
3.24.a	A permanently installed magnetic marine steering compass, independent of any power supply, correctly adjusted with deviation card.	X	X	X	
3.24.b	A second magnetic compass which may be hand-held and/or electronic.	X	X		
3.24	One compass (a handheld is acceptable).				X
3.25.b	<b>No halyard shall be locked, lashed or otherwise secured to the mast in a way that requires a person to go aloft in order to lower a sail in a controlled manner, except for a headsail in use with a furling device.</b>	X	X		
3.27.1	<b>Navigation lights that conform to the International Regulations for Preventing Collisions at Sea (Part C and Technical Annex I) and shall be exhibited as required by those regulations.</b>	X	X	X	
3.27.2	Navigation lights mounted above the sheerline that they will not be masked by sails or the heeling of the boat.	X	X	X	
3.27.3	Reserve navigation lights that can be powered independently.	X	X		
3.27.4	Spare bulbs for navigation lights (not required for LED).	X	X	X	





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3.28.1b	An engine which provides a minimum speed in knots of $(1.8 \times \sqrt{LWL}$ in metres).	X	X		
3.28.1c	An inboard propulsion engine shall be provided.	X			
3.28.1c	Either an inboard or outboard engine, with associated power supply systems, all securely fastened.		X		
3.28.3a	All fuel tanks for storage of liquid fuels shall be rigid (but may have permanently installed flexible linings) and shall have a shutoff valve.	X	X		
3.28.3b	At the start a boat with a combustion engine shall carry sufficient fuel to meet charging requirements for the duration of the race and to motor at the above minimum speed for at least 5 hours.	X	X		
3.28.4a	A dedicated engine/generator starting battery when an electric starter is the only method for starting the engine and/or separate generator.	X	X		
3.28.4b	Batteries installed after 2011 shall be of the sealed type from which liquid electrolyte cannot escape.	X	X		
3.28.4c	At the start a boat with an electric engine shall carry sufficient capacity to meet electrical requirements for the duration of the race and to motor at the above minimum speed for at least 5 hours.	X	X		
3.29.1 and 2c	A marine radio transceiver (VHF) and an emergency antenna when the regular antenna depends upon the mast, with minimum output of 25W. If installed after 2015 it shall be DSC capable.	X	X		
3.29.2b	A masthead antenna not less than 38 cm (15") in length and co-axial feeder cable with not more than 40% power loss.	X			
3.29.2b	A masthead antenna and co-axial feeder cable with not more than 40% power loss.		X		
3.29.5	A hand-held marine VHF transceiver, watertight or with a waterproof cover.	X	X	X	
3.29.6	A second radio receiver capable of receiving weather bulletins, which may be the handheld in 3.29.5 above	X	X	X	
3.29.13a and b	An AIS Transponder which either: <ul style="list-style-type: none"> <li>shares the masthead VHF antenna via a low loss AIS antenna splitter; or</li> <li>has a dedicated AIS antenna not less than 38 cm (15") in length mounted with its base not less than 3 m (10') above the Waterline and co-axial feeder cable with not more than 40% power loss</li> </ul>	X	X		
4.01	Sail numbers must comply with RRS 77, or by alternative means.	X	X	X	X
4.03	Soft wood plugs, tapered and of the appropriate size stowed adjacent to every through-hull opening.	X	X	X	
4.04.1 and 2	Jackstays: uncoated stainless steel 1 X 19 wire of minimum diameter 5 mm, webbing or HMPE rope. Jackstays shall be independent on each side of the deck.	X	X		
4.04.3	Position of clipping points shall enable two-thirds of the crew to be simultaneously clipped on.	X	X		
4.05	One fire extinguisher required if electrical system, engine or stove on board.				X
4.05.1	A fire blanket adjacent to every cooking device with an open flame.	X	X	X	
4.05.2	Fire extinguishers, at least two, readily accessible in suitable and different parts of the yacht.			X	





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4.05.2	Fire extinguishers, at least two, of minimum 2 kgs each of dry powder or equivalent in different parts of the boat.	X	X		
4.06	2 Un-modified anchors ready for immediate assembly and ready for deployment within 5 minutes (LOA < 8,5 m only 1 anchor).	X	X		
4.06	1 Un-modified anchor ready for immediate assembly and ready for deployment within 5 minutes			X	X
4.07.1a and b	A watertight, high-powered searchlight, suitable for searching for a person overboard at night and for collision avoidance with spare batteries and bulbs, and a watertight flashlight with spare batteries and bulb.	X	X		
4.08.1	A First Aid Manual and First Aid Kit. The contents and storage of the First Aid Kit shall reflect the likely conditions and duration of the passage, and the number of crew	X	X	X	X
4.09	A foghorn shall be provided.	X	X	X	
4.10.1	A passive radar reflector with octahedral circular plates of minimum diameter 30cm (12"), or octahedral rectangular plates of minimum diagonal dimension 40 cm (16"), or a non-octahedral reflector with a documented minimum Radar Cross Section (RCS) area of 2 m <sup>2</sup> .	X	X	X	
4.11	Navigational charts (not solely electronic), light list and chart plotting equipment.	X	X	X	
4.12	A safety equipment location chart in durable waterproof material shall be clearly displayed in the main accommodation, marked with the location of principal items of safety equipment	X	X	X	
4.13.1	A knot meter or distance measuring instrument (log)	X	X		
4.13.2	A depth sounder shall be provided	X	X	X	
4.15.1	<b>An emergency tiller capable of being fitted to the rudder stock except when:</b> <b>a) the principal method of steering is by means of an unbreakable metal tiller</b> <b>b) there are two methods (e.g. tillers, wheels) of controlling a rudder, neither of which shares components with the other except for the rudder stock.</b>	X	X		
4.16	Tools and spare parts, including effective means to quickly disconnect or sever the standing rigging from the hull shall be provided	X	X	X	
4.17	Yacht's name shall be on miscellaneous buoyant equipment (App B 5.01.1(c)).	X	X	X	
4.18	Marine grade retro-reflective material shall be fitted to lifebuoys, lifeslings, liferafts and lifejackets.	X	X	X	
4.19.1	A water and manually activated 406 MHz EPIRB, if registered after 2015 including an internal GPS.	X			
4.20	Liferaft(s) shall be provided capable of carrying the whole crew, annually inspected (SOLAS, ORC liferafts and hired liferafts) or every 3 years (ISO liferafts) See for specifications OSR 4.20.1a i-v	X	X		
4.20.3b	Stowage below deck adjacent to a companionway is only permitted if packed in a valise, not heavier than 40 kg, and if the boat's primary launch is before June 2001.	X	X		
4.20.3e	Each life raft shall be capable of being got to the lifelines or launched within 15 seconds.	X	X		
4.21.f	An grab bag to accompany life raft.	X	X		
4.22.1b	An AIS personal crew overboard beacon for each crew member.	X			





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4.22.2c	A GPS capable of recording a MOB position, within 10 seconds and monitoring that position.	X			
4.22.3	A lifebuoy with a self-igniting light a whistle and a drogue.	X	X	X	
4.22	A lifebuoy with a drogue.				X
4.22.4a,b	In addition to 4.22.3 above one lifebuoy within reach of the helmsman, equipped with: a whistle, a drogue, a self-igniting light and a pole and flag.	X			
4.22.7	Heaving line 15-25m, no less than 6 mm diameter, ready accessible to cockpit.	X	X	X	X
4.22.8	A recovery sling shall provided.	X	X		
4.23.1	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 expiry date stamped, not older than 4 years.	X	X	X	
4.23.1	4 red hand flares and 2 orange smoke flares.	X	X		
4.23.1	2 orange smoke flares.			X	
4.25	Cockpit knife readily accessible from the deck or the cockpit	X	X	X	X
4.26.2a	A heavy-weather jib (or heavy-weather sail in a boat with no forestay) with area of 13.5% height of foretriangle (IG) squared and readily available means, independent of a luff-groove, to attach to the stay.	X	X		
4.26.2b	A storm jib of area not greater than 5% height of the foretriangle squared, maximum of luff length 65% of IG, permanent attached means, independent of the luff groove, to attach to the stay.	X			
4.26.2d	A storm trysail with: area of 17.5% mainsail hoist (P) x mainsail foot length (E), for sails made after 2011: The storm trysail are calculated as (0.5 x leech length x shortest distance between tack point and leech); no headboard; no battens; sail number and letters on both sides, as large as practicable; in case of a boat with an in-mast furling mainsail, the storm trysail shall be capable of being set while the mainsail is furled.	X			
4.26.3a i	A storm trysail as defined in OSR 4.26.2 d), or mainsail reefing to reduce the luff by at least 50% (or rotating wing mast if suitable).	X			
4.26.3a ii	A storm trysail as defined in OSR 4.26.2 d), or mainsail reefing to reduce the luff by at least 40% (or rotating wing mast if suitable).		X		
4.26.3a iii	A mainsail reefing to reduce the luff by 12.5% or a heavy-weather jib as defined in 4.26.2 a) (or heavy-weather sail in a boat with no forestay).			X	
4.30.1	A fixed or portable pump to remove ingress water from any compartment. This pump shall: <ul style="list-style-type: none"> <li>have a minimum rated capacity of 200 l/min</li> <li>be operated by battery, main engine powered or a separate engine</li> <li>if portable electric-powered, power cables to be terminated with alligator clips</li> <li>have sufficient hose to discharge directly overboard or into the cockpit.</li> </ul> A combination of permanently installed and portable pumps may be combined to meet the above requirement.	X			





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5.01.1	Each crew member shall have: A personal flotation device which shall: (a) be equipped with a whistle (c) clearly marked with yacht's or wearer's name (d) if inflatable, regularly checked for air retention. Unless otherwise specified by a boat's applicable class rules or by sailing instructions, personal flotation devices shall have at least 150N buoyancy, arranged to securely suspend an unconscious man face upwards at approximately 45 degrees to the water surface.				X
5.01.1	Each crew member shall have a lifejacket (see for all specifications OSR 5.01.1 <a href="http://www.sailing.org/documents">www.sailing.org/documents</a> ), comply with ISO 12402 - 3 (Level 150) or equivalent, and be fitted with a whistle, lifting loop, reflective material, automatic/manual gas inflation system, crotch/thigh straps.	X	X	X	
5.01.1ai, aii	Each lifejacket shall have an integral safety harness in compliance with 5.02.	X			
5.01.1b	Each lifejacket shall have an emergency position indicating light with boat's or wearer's name and sprayhood.	X	X		
5.01.3	A yacht shall carry at least one spare lifejacket as required in OSR 5.01.1 except a PLB described in 5.01.1.	X			
5.01.4	The person in charge shall personally check each lifejacket at least annually.	X	X	X	
5.02.1/2	Each crew member shall have a harness and safety line that complies with ISO 12401 or equivalent with a tether not exceed 2m in length including the length of the hooks; have self-closing hooks with overload indicator in the bedding and manufactured after 2000.	X	X		
5.02.3	All the crew shall have either a tether not exceeding 1m including the length of the hooks, or an immediate self-closing hook on a 2m tether.	X	X		
6.01.2	At least 30% but not fewer than two members of a crew, including the Person in Charge shall have undertaken Offshore Personal Safety Training (OPST) within 5 years before the start of the race in OSR 6.02 Training Topics.	X			
6.01.3	When there are only two crewmembers, at least one shall have undertaken training within the five years before the start of the race in OSR 6.02 Training Topics.		X		
6.01.4	Except as otherwise provided in the Notice of Race, an in-date certificate gained at a World Sailing / ISAF Approved Offshore Personal Survival Training course shall be accepted by a race organizing authority as evidence of compliance with Special Regulation 6.01. See Appendix G – Model Training Course, for further details	X			
6.04	At least annually the crews shall practice the drills for: <ul style="list-style-type: none"> <li>• Crew-Overboard Recovery</li> <li>• Abandonment of vessel</li> </ul>	X	X	X	
6.05.2	At least one member of the crew shall have a first aid certificate completed within the last five years.	X			
6.05.3	At least one member of the crew shall be familiar with First Aid procedures, hypothermia, drowning, cardiopulmonary resuscitation and relevant communications systems.		X	X	



Versie 31 mei 2021