2022-2023 Offshore Special Regulations Category 3

2023 ORC WORLDS

Kiel, Germany 04/08 - 12/08/2023

SAFETY CHECK LIST

Category 3: Races across open water, most of which is relatively protected or close to shorelines (OSR 2.01.4)
The present inspection card is based on World Sailing Offshore Special Regulations (OSR) 2022-2023 and do not cover ALL rules of OSR. The full compliance with OSR Category 3 (www.sailing.org) is the sole responsibility of the person in charge and it cannot be limited to the present inspection card (OSR 1.02). The OSR do not replace, but rather supplement, the requirements of governmental authority, or any other rules or regulations (OSR 1.01.2).

BOAT NAME

MMSI n.

CREW n.

MEASURER

DATE

- ☐ **SPARE NAVIGATION LIGHTS**
- ☐ **MARINE TRANSCEIVER OR VHF** and MASTHEAD antenna + spare antenna
- ☐ **AIS TRANSPONDER & GPS**
- ☐ **HAND-HELD MARINE VHF**
- ☐ SOFT TAPERED **WOOD PLUGS**
- ☐ **FIRE EXTINGUISHERS** (2 x 2 Kg) and FIRE BLANKET adjacent to every cooking device
- ☐ **FLASHLIGHT & SEARCHLIGHT**
- ☐ **FIRST AID MANUAL & FIRST AID KIT**
- ☐ **FOGHORN / RIGGING CUTTER / STRONG KNIFE**
- ☐ **RADAR REFLECTOR**
- ☐ **CHARTS** (not solely electronic) **+** Light list and plotting equipment.
- ☐ **PYROTECHNIC SIGNALS**
  4 red hand flares and 2 orange smokes
- ☐ **BILGE PUMP** + handle / 2 **BUCKETS WITH LANYARD**
- ☐ **2 ANCHORS** with suitable combination of **CHAIN** and **ROPE**
- ☐ LIFEJACKETS (with **crotch** / **thigh strap**, **spray hood** and **light**) and SPARE GAS BOTTLE or SPARE LIFEJACKET.
- ☐ TETHERS **NOT EXCEEDING** 1m OR 2m WITH AN INTERMEDIATE SELF-CLOSING HOOK + **OVERLOAD INDICATOR**
- ☐ **GRAB BAG** and WATERTIGHT STROBE LIGHT
- ☐ **LIFEBUOY** WITH A **WHISTLE**, **LIGHT** AND **DROUGE**
- ☐ **HEAVING LINE** (15 -25 m **floating line**)
- ☐ **RECOVERY SLING**
- ☐ **ALL LIFELINES IN STAINLESS STEEL WIRE including TRANSOM LIFELINES** (**Dyneema is NOT allowed**)
- ☐ JACKSTAYS and CLIPPING POINTS
- ☐ **HEAVY WEATHER JIB**
  Area formula: (0.255 x HLU x (HLP + 2 x HHW))
- ☐ **REEFABLE MAINSAIL** (40% of the luff) **OR STORM TRYSAIL** - Area formula: 0.5 x leech length x the shortest distance between tack point and leech
- ☐ **EMERGENCY TILLER**

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STABILITY
OSR reference 3.04 / 3.04.2 b)
Stability in accordance to OSR 3.04 (e.g. ORC Stability Index Ó103).

BALLAST OR GENERATOR OSR reference 2.04.2 / 3.28.2
If ballast or generator exists: must be permanently installed.
Heavy items: securely fastened.

NAVIGATION LIGHTS
OSR reference 3.27.1 /.2 /.3 /.4
Navigation lights mounted above sheerline +reserve lights that can be powered independently, spare bulbs (not required for LED).

VHF WITH MASTHEAD ANTENNA AND SPARE ANTENNA
OSR reference 3.29.1 / 3.29.8
Marine radio transceiver with an emergency antenna when the regular antenna depends upon the mast. If VHF min power of 25W, and,if it is installed after 31/12/2015, be DSC capable with an assigned MMSI (unique to the boat) & connected to GPS receiver.

HAND-HELD MARINE VHF WITH VHF STORED IN THE GRAB BAG
OSR reference 3.29.5,6 / 3.29.8
Hand-held marine VHF transceiver, watertight or with a waterproof cover. When not in use to be stowed in a grab bag or emergency container.

SOFT TAPERED WOOD PLUGS
OSR reference 4.03
Soft tapered wood plugs attached or adjacent to the appropriate fitting for every through-hull opening.

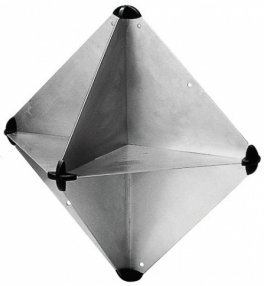
FIRE EXTINGUISHERS (2 X 2Kg) FIRE BLANKET
OSR reference 4.05.1 / 4.05.02
2 fire extinguishers, Ó2kg, dry powder, accessible, different positions.
Fire blanket near cooking device of open flame.

ONE SEARCHLIGHT AND ONE FLASHLIGHT STORED IN THE GRAB BAG
OSR reference 4.07.1 a) b)
One flashlight & One high-powered searchlight. The watertight flashlight shall be stowed in the grab bag or emergency container.

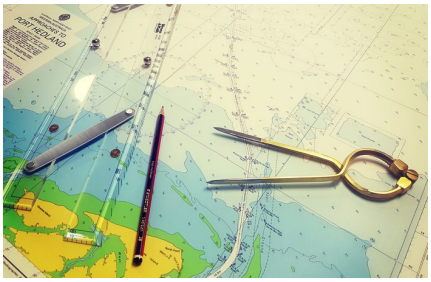
FIRST AID MANUAL and FIRST AID KIT
OSR reference 4.08
First aid Kit & Manual (suitable for the conditions and duration of the passage

AIS TRANSPONDER & GPS
OSR reference 3.29.8 / 3.29.13 / a) b)
AIS Transponder sharing VHF masthead antenna or with a dedicated AIS antenna and a GPS

FOGHORN / RIGGING CUTTER / STRONG KNIFE
OSR reference 4.09 / 4.16.2 / 4.25
Foghorn. Rigging cutter. Knife strong, securely restrained, readily accessible from the cockpit.

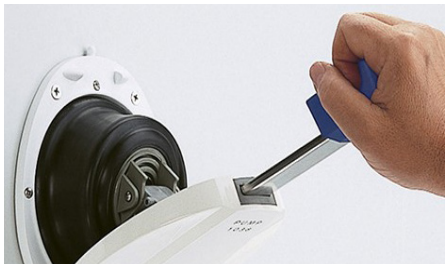


RADAR REFLECTOR
OSR reference 4.10
Radar reflector: octahedral (with plates circular 12ò or rectangular 16ò) or of min $2m^2$ radar cross-section.



CHARTS & COMPASS
OSR reference 4.11 / 3.24 a)
Charts (not solely electronic), light list and chart plotting equipment.
Permanently installed marine magnetic steering compass, independent of any power supply, correctly adjusted with deviation card.

PYROTECHNIC SIGNALS
OSR reference 4.23.1
Pyrotechnic signals: 4 red hand flares, 2 orange smokes.



BILGE PUMP
OSR reference 3.23 / 3.23.1 b)
Bilge pump, manual, permanently installed, operable with all cockpit seats. Removable bilge pumps handle retained by lanyard.

TRYSAIL OR REEFABLE MAINSAIL
OSR reference 4.26.2d)
Either storm trysail with area Ò17.5% Ï P Ï E or mainsail reefing to reduce the luff by at least 40%.

BUCKET
OSR reference 3.23.1 a)
two strong buckets, each with a lanyard and of at least 9 l (2.4 US Gal) capacity.

HEAVY WEATHER JIB
OSR reference 4.26.2 a)
With area of 13.5% of height of the foretriangle squared, independent of a luff groove to attach to the stay.

PULPITS, STANCHIONS and LIFELINES
OSR reference 3.14.1 b) / 3.14.6 a) / 3.14.6 c),d) 3.14.1 i)
Lifelines: Two (for LOA Ó8.5m) or One (for LOA < 8.5m), uncoated stainless steel wire. A lanyard of synthetic rope may be used with gap **not exceeding 100 mm**. When a deflecting force of 4 kg is applied to a lifeline at the mid-point of the longest span between supports that are aft of the mast, the deflection shall not exceed:
50 mm (2ð) for an upper or single lifeline 120 mm (4 lJð) for an intermediate lifeline.

EMERGENCY DRINKING WATER
OSR reference 3.21.3 a)
At least 9 l (2.4 US Gal) of drinking water for emergency use in a dedicated and sealed container or container(s).

EMERGENCY ANCHORS
OSR reference 4.06.2
2 un-modified anchors With suitable combination of chain and rope, ready for immediate assembly, and ready for deployment within 5 minutes except that for a boat less than 8.5 m (28ð) LH there shall be 1 anchor meeting the same criteria.

RECOVERY SLING
OSR references 4.22.8
Recovery sling marked with the boatôs or wearerôs name g with (a) buoyant line of length no less than the shorter of 4Ï LOA or 36m, (b) buoyancy section (horseshoe) with Ó90N buoyancy and (c) minimum strength capable to hoist a crew member aboard.

GRAB BAG
OSR references 4.21
Either a watertight compartment or a grab bag, readily accessible whether or not the boat is inverted, with the following minimum contents: a watertight hand-held marine VHF transceiver with spare batteries, a watertight flashlight with spare batteries and bulb, 3 red hand flares , a watertight strobe light with spare batteries, a knife. The grab bag shall have inherent flotation, an area of fluorescent orange colour on the outside,shall be marked with the name of the boat, and shall have a lanyard and clip.

HEAVING LINE
OSR reference 4.22.tercera7 Heaving line 15-25m long, diameter ≥ 6mm, **readily accessible to cockpit**.

EMERGENCY TILLER and EMERGENCY STEERING
OSR reference 4.15.1 / .4.15.2
An emergency tiller capable of being fitted to the rudder stock except when the principal method of steering is by means of an unbreakable metal tiller and a proven method of emergency steering with the rudder disabled.

LIFEBUOY OSR reference 4.22.3
Lifebuoy near the helmsman with self-igniting light, yachtûs name, retro-reflective material and a drogue.

LIFEJACKETS

OSR reference 5.01 / 5.01.1 a) i) / 5.01.1 a)
If manufactured before 2012 shall comply with ISO 12402 - 3 (Level 150) or equivalent, including EN 396 or UL 1180, if inflatable have a gas inflation system, hand be fitted with a **whistle**, **lifting loop,** reflective material automatic/manual gas inflation system, **crotch/thigh straps** (ride up prevention system (RUPS))

If manufactured after 2011 shall comply with ISO 12402-3 (Level 150) and be fitted with a whistle, lifting loop, reflective material automatic/manual gas inflation system, crotch/thigh straps (ride up prevention system (RUPS)).

All Lifejackets shall have an emergency position indicating light in accordance with either ISO 12402-8 or SOLAS LSA code 2.2.3, be clearly marked with the boatûs or wearerûs name, have a spray hood in accordance with ISO 12402-8.
A boat shall carry at least one gas inflatable lifejacket spare cylinder.

SAFETY HARNESS AND TETHERS

OSR reference 5.02.2 b) / d) / e) / 5.02.3 a) / 5.02.3 b) / 5.02.5
A harness shall complies with ISO 12401 or equivalent.
A tether shall complies with ISO 12401 or equivalent.
A tether shall have overload indicator flag embedded in the stitching and be manufactured after 2000.
All of the crew shall have either: a tether not exceeding 1m(3'3") including the length of the hooks, or an intermediate self-closing hook on a 2 m (6û6ð) tether. A tether which has been overloaded shall be replaced.

2m tether with intermediate self closing hook

tether not exceeding 1m