



STABILITY

OSR reference 3.04 / 3.04.2 b)
Stability in accordance to OSR 3.04 (e.g. ORC Stability Index ≥ 103).



MARINE TRANSCEIVER OR VHF

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's installed after 31/12/2015, be DSC capable with an assigned MMSI (unique to the boat) & connected to GPS receiver.



BALLAST OR GENERATOR

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



HAND-HELD MARINE VHF

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.



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).



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 FIRE BLANKET

OSR reference 4.05.1 / 4.05.02
2 fire extinguishers, $\geq 2\text{kg}$, dry powder, accessible, different positions.
Fire blanket near cooking device of open flame.



ONE FLASHLIGHT & ONE HIGH-POWERED SEARCHLIGHT

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)



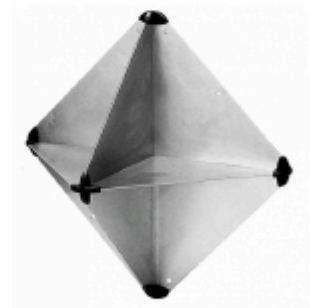
AIS TRANSPONDER & GPS

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



FOGHORN / RIGGING CUTTER / KNIFE STRONG

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 12" or rectangular 16") or of min 2m² 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.



TRYSAIL OR REEFABLE MAINSAIL

OSR reference 4.26.2d)

Either storm trysail with area $\leq 17.5\% \times P \times E$ or mainsail reefing to reduce the luff by at least 40%.



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 ≥ 8.5 m) or One (for LOA < 8.5 m), 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 (2") for an upper or single lifeline 120 mm (4 3/4") for an intermediate lifeline



HEAVING LINE

OSR reference 4.22.7

Heaving line 15-25m long, diameter ≥ 6 mm, readily accessible to cockpit.



PYROTECHNIC SIGNALS

OSR reference 4.23.1

Pyrotechnic signals: 4 red hand flares, 2 orange smoke.



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.



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 (28') LH there shall be 1 anchor meeting the same criteria.



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.



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.



RECOVERY SLING

OSR references 4.22.8

Recovery slinmarked with the boat's or wearer's name g with (a) buoyant line of length no less than the shorter of 4xLOA or 36m, (b) buoyancy section (horseshoe) with ≥ 90 N buoyancy and (c) minimum strength capable to hoist a crew member aboard.

GRAB BAGS

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.



INFLATABLE LIFERAFTS

OSR reference 4.20 / 4.20.1

One or more inflatable liferafts with a total capacity to accommodate at least the total number of people on board.



LIFEBUOY

OSR reference 4.22.3

Lifebuoy near the helmsman with self-igniting light, yacht's 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, have 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))

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 boat's or wearer's name have a sprayhood 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 comply with ISO 12401 or equivalent.

A tether shall comply 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 (6'-6") tether. A tether which has been overloaded shall be replaced.

