

**STABILITY**

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

**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's 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,  $\geq 2\text{kg}$ , 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/ KNIFE STRONG + KNIFE STORED IN THE GRAB BAG**

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 2m<sup>2</sup> 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  $\geq 8.5$ 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.



### 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.



### 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  $\geq 90$ N buoyancy and (c) minimum strength capable to hoist a crew member aboard.

### HEAVING LINE

OSR reference 4.22.7  
Heaving line 15-25m long,  
diameter  $\geq 6\text{mm}$ , readily  
accessible to cockpit.



### 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,  
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 boat's  
or wearer's 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  
(6'-6") tether. A tether which has been overloaded shall be replaced.

