

## Offshore Special Regulation Category 2 with liferaft



### STABILITY

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



### 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.



### 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.



### 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



### 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.



### 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.



### 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.



### 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).



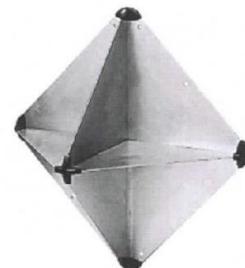
### SOFT TAPERED WOOD PLUGS

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



### FIRST AID MANUAL and FIRST AID KIT

OSR reference 4.08  
First aid Kit & Manual (suitable for the conditions and duration of the passage)



### 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  $\geq 8.5m$ ) 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 (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  $\geq 6mm$ , 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.

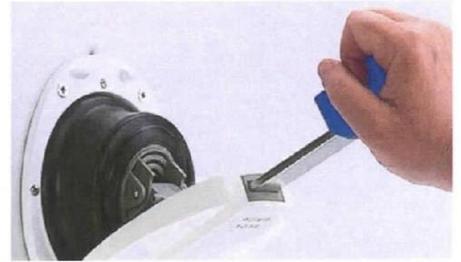


**EMERGENCY DRINKING WATER**

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  $\geq 90N$  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.



### Emergency Position-Indicating Radio Beacon

*OSR Reference 4.19.1/ .2*

A water and manually activated 406 MHz EPIRB (EPIRB registered after 2015 shall include an internal GPS)



### Personal Locator Beacon

*OSR Reference 4.22.1 (b)*

An AIS personal crew overboard beacon for each crew member