

## YACHT LSA FFA Checklist

### 1.0 Life-Saving Appliances

EQUIPMENT	QUANTITY	REMARKS	OBSERVATION after survey
Life rafts	Yes, SOLAS A pack if passengers onboard SOLAS B pack if no passengers	One Liferaft to accommodate ALL persons onboard fitted with Hydrostatic Release Unit (HRU)	Liferaft can for 8 passengers, located in a chest intended for this purpose TRANSOCEAN ISO 8 pax >24h. Next inspection September 2023.
Life buoys	< 15 persons 2; ≥ 15 persons 4	To be fitted with light and Buoyant line	Two buoys including two brights, one perch IOR.
Lifejacket	One for EACH person on board plus 10%	SOLAS approved type	Individual buoyancy equipment: 10 life jackets 165 N and two life jackets 185 N (all autoharness). 8 harnesses and 8 lanyards.
Parachute Rocket Flares	4		3 parachute rockets and 2 smoke generators.
Hand held flares	6		Yes, 5 pcs.
Smoke Signals	2 buoyant or hand held		Yes, 2 pcs.
Thermal Protective Aids (TPA)	One for each person onboard	SOLAS approved type	Yes, 8 pcs.
Portable VHF	1		2 portable VHF ICOM.
Life-saving signals table 2 X SOLAS No.2 or 1 x SOLAS No. 1	YES		Yes, chart table.



Training Manual	YES		Yes.
Instructions for onboard maintenance	YES		Yes.

## 2.0 Communication Equipment

EQUIPMENT	QUANTITY	REMARKS	OBSERVATION after survey
406MHz EPIRB	1		GPS 406/121.5 MHz Ocean Signal E100G, compliant.
SART	1		Ocean Signal S100, compliant.
General Alarm ≥ 15 Persons	Yes		Compliant.
Life-Saving Signals Table	Yes		Compliant.
AIS transceiver			Compliant.



### 3.0 Minimum and Recommended Radio Installation Requirement

EQUIPMENT	QUANTITY	REMARKS	OBSERVATION after survey
VHF fixed radio installation	1		B&G V50, compliant.
Portable VHF	1		B&G. H50, compliant.
MF SSB radio installation with DSC	1 *		No.
Inmarsat Ship Earth Station (or an MF/HF transceiver with DSC)	Recommended		IRIDIUM 9555, portable telephone, compliant.
Navtex Receiver	1		FURUNO NX 300, compliant.

\* This may be substituted by a portable satellite telephone.



## 4.0 Lights, Shapes and Sound Appliances

Overall Length	Power vessels when underway (and sailing vessels when under power, (see note d)	Sailing vessels under sail	At anchor <sup>3</sup>	Not under command <sup>5</sup>	Aground <sup>7</sup>	Sound Appliances	Remarks
10 – 12 metres	All round white + sidelights <sup>1</sup> OR Masthead (vis 2 miles) + sidelights <sup>1</sup> + stern light OR (if lights have to be offset from centreline) combined lantern sidelights plus either all round white or masthead and stern light	Sidelights <sup>1</sup> + sternlight OR Combined lantern at masthead <sup>2</sup> (tricolour)	Required <sup>4</sup>	Not required	Not required	Means to make an efficient sound signal required	Nil.
12 – 20 metres	Masthead (vis 3 miles) + sidelights + stern light	Sidelights +stern light (sidelights may be combined) OR Combined lantern at masthead <sup>2</sup> (tricolour)	Required <sup>4</sup>	Required <sup>4</sup>	Required <sup>4</sup> , 6	Whistle and bell required	Compliant.
20 – 24 metres	Masthead (vis 5 miles) + sidelights + stern light	Sidelights + stern light may show (in addition to other lights) two all-round lights near masthead, the upper red and the lower green	Required	Required	Required	Whistle and bell required	Nil.



### Notes Regarding Table 4 above:

- (a) Sidelights, stern light and all round lights have a range of 2 miles unless indicated otherwise.
- (b) Range of all-round white or anchor or Not Under Command lights is 2 miles in all cases.
- (c) All lights (and whistles and bells when they are required to be carried) must be approved for the size of yacht on which they are fitted.
- (d) For sailing vessel, attention should be paid to light arrangements when under power i.e. steaming lights in place of masthead light.
- (e) If a sailing yacht is using its engine as well as sails then a cone, apex downwards in the fore part of the yacht, should be displayed.
- (f) In the case of open boats, vertical heights should be measured from the gunwale, and in the case of inflatable boats, or boats fitted with a buoyant collar, from the top of the collar tubes.

### Definitions:

The following definitions are relevant to table 4:

- 1 **Range of sidelight is 1 mile**
- 2 **If not using a tricolour masthead lantern, a sailing vessel may show (in addition to other lights) two all-round lights near the masthead, the lower green and the upper red.**
- 3 **By night, all round white where best seen; by day one black ball (0.6 metres) in diameter) in the fore part of the yacht.**
- 4 **Size of the daytime shapes and distances apart may be reduced commensurate with size of vessel.**
- 5 **By night, two all-round red lights in a vertical line two metres apart and the lowest not less than four metres above the hull (weatherdeck); by day two black balls (0.6 metres in diameter) in a vertical line, 1.5 metres apart.**
- 6 **The distances for the lights may be reduced to one metre apart and two metres above the hull (weatherdeck).**
- 7 **By night two all-round red lights in a vertical line two metres apart plus anchor light; by day three black balls (0.6 metre diameter) in a vertical line, 1.5 metres apart.**



## 5.0 Fire Appliances

For all yachts over ten metres the following fire appliances are to be provided:

EQUIPMENT	REMARKS	OBSERVATION after survey
(a) One hand fire pump (outside engine space or one (1) power driven fire pump (outside engine space), with sea and hose connections, capable of delivering one (1) jet of water to any part of the yacht through hose and nozzle.		Compliant.
(b) One fire hose of adequate length with 10mm nozzle and suitable spray nozzle.		Compliant.
(c) Fixed fire extinguishing in engine space that may consist of a portable extinguisher arranged to discharge into the space.		2 x CO2 ( 2 kgs), compliant.
(d) Appropriate number of portable Fire extinguishers but <b>NOT LESS</b> than two.		6 powder 2 kgs, compliant.
(e) At least two (2) fire buckets with lanyards. Buckets may be of metal, plastic or canvas and should be suitable for their intended service.		Compliant.
(f) One fire blanket in galley or cooking area of light duty type or equivalent.		Compliant.

## 6.0 Navigational Equipment

EQUIPMENT	REMARKS	OBSERVATION after survey
a. Magnetic Compass  A yacht should be fitted with an efficient magnetic compass		Plastimo 80 mm, compliant with regulations.



<p>and valid deviation card (updated annually) complying with the following requirements as appropriate:</p> <p>In a steel yacht, it should be possible to correct the compass for coefficients B, C and D and heeling error; The magnetic compass or a repeater should be fitted with an electric light and so positioned as to be clearly readable by the helmsman at the main steering position;</p> <p>Means should be provided for taking bearings as nearly as practicable over an arc of the horizon of 360 degrees. This requirement may be met by the fitting of a pelorus or, in a yacht other than a steel yacht, a hand bearing compass.</p>		
<b>b.</b> A navigation aid such as a global navigation satellite system to update the yacht's position at all times;		2 GPS chart plotter (ZEUSS 12" B&G), compliant with regulations.
<b>c.</b> An echo sounder;		ZEUSS B&G, compliant with regulations.
<b>d.</b> A distance measuring log;		TRITON B&G, compliant with regulations.
<b>e.</b> Appropriate up to date charts, tide tables, a tidal stream atlas and a list of radio signals appropriate to the intended area of operation, and a copy of the international code signals. All charts should be of a scale to permit safe navigation in the areas of intended operation. Electronic charts may be used provided it is of an approved system.		Compliant with regulations.
<b>f.</b> A Signaling Lamp which should be of waterproof electric light suitable for signaling.		Compliant with regulations.
<b>g.</b> Barometer.		Compliant with regulations.
<b>h.</b> Anemometer to provide a continuous indication of relative wind speed, with the display clearly visible at each control		Compliant with regulations.



position.		
i. Searchlight which could be portable and suitable for use in man-overboard search and recovery operations.		Compliant with regulations.
j. Appropriate Anchors and Cables		Compliant with regulations.
k. Radar Reflector (one).		Compliant with regulations.

