



TYPE APPROVAL CERTIFICATE
No. FPE114823XP

This is to certify that the product identified below satisfies the requirements of the standard quoted under "Reference standard"

<i>Description</i>	INFLATABLE LIFERAFT
<i>Type</i>	Ocean ISO & Ultralite Liferrafts CANISTER (ISO) FOR 14 & 16 PERSONS VALISE (ISO) FOR 14 & 16 PERSONS CANISTER (ULTRALITE) FOR 14 & 16 PERSONS VALISE (ULTRALITE) FOR 14 & 16 PERSONS
<i>Applicant</i>	Ocean Safety Ltd. Saxon Wharf, Lower York Street SO14 5QF Southampton UNITED KINGDOM
<i>Manufacturer</i>	Ocean Safety Ltd.
<i>Place of manufacture</i>	Saxon Wharf, Lower York Street SO14 5QF Southampton UNITED KINGDOM
<i>Reference standards</i>	ISO 9650-1:2022(E) & ISO 9650-3:2009(E).
<i>Reference documents</i>	RINA Rules for construction, testing and installation of Life Saving Equipment

Issued in **Gdansk** on **March 22, 2024**. *This Certificate is valid until* **March 21, 2029**



Borovista

RINA Services S.p.A.

This certificate consists of this page and 1 enclosure



TYPE APPROVAL CERTIFICATE
No. FPE114823XP
Enclosure - Page 1 of 2
Ocean ISO & Ultralite Liferafts
CANISTER (ISO) FOR 14 & 16 PERSONS
VALISE (ISO) FOR 14 & 16 PERSONS

Inflatable liferafts for pleasure yachts, model "OCEAN SAFETY ISO 9650 Type 1" with the following main characteristics

	Ocean Safety 14p	Ocean Safety 16p
Shape	Hexagonal	
Length/width	3005 x 3550 mm	3250 x 3750 mm
Diameter of buoyancy tubes	300 mm	310 mm
Volume of buoyancy tubes	1.46 m ³	1.66 m ³
Floor area	6.59 m ²	7.56 m ²
Working pressure	0.012 Mpa	
Inflation system	1 Bottle 9L CO ₂ : 5790 g Nitrogen: 240 g	1 Bottle 9L CO ₂ : 5790 g Nitrogen: 240 g

AC = Dimension across Flats
 AF = Dimension across corners

Maximum stowage height: 6 m

Liferafts are approved with canister or valise (both can be used in the Ultralite version) and with an equipment pack type inside the liferafts which can vary ISO pack 2 (available in the Ultralite version as well), ISO pack 1 and SOLAS B pack.

Fabrics used for the Construction of the Liferaft (Buoyancy and Floor):

1. PU Nylon Sandwich Fabric (Sandwich – Nylon 6 PU Laminate – Nylon 6 HT)

Fabrics used for the Construction of the Liferaft Canopy:

1. PU Coated Nylon Fabric (6 HT + PU) or,
2. Glowspot U1014 PU Coated Fabric

Reference documents

- General arrangement 16 Person Ocean ISO Liferaft, drawing n° OS/ISO14-00 issue by OCEAN SAFETY Ltd. and approved by RINA with n° PLFP/2830;
- General arrangement 16 Person Ocean ISO Liferaft, drawing n° OS/ISO16-00 issue by OCEAN SAFETY Ltd. and approved by RINA with n° PLFP/2830;
- Ocean ISO Container Label ID & Instruction, drawing - ZZZOSL0802 issue by OCEAN SAFETY Ltd. and approved by RINA with n° PLFP/2829;
- Ocean ISO Drawing Update Instruction, drawing - OS-OIDUI issue by OCEAN SAFETY Ltd. and approved by RINA with n° PLFP/2832;
- Tow Patch Concept IB, issue by OCEAN SAFETY Ltd. and approved by RINA with n° PLFP/2832;
- Ocean ISO Owners Manual & Operating Handbook, drawing - OSL0280 issue by OCEAN SAFETY Ltd. and approved by RINA with n° PLFP/2828;

RINA Services S.p.A.
 Via Corsica, 12 - 16128 Genova
 Tel +39 010 53851
 Fax +39 010 5351000



TYPE APPROVAL CERTIFICATE
No. FPE114823XP
Enclosure - Page 2 of 2
Ocean ISO & Ultralite Liferafts
CANISTRE (ISO) FOR 14 &16 PERSONS
VALISE (ISO) FOR 14 &16 PERSONS

Test reports

- Test reports RS/FTL/3472 issue by Fleetwood Nautical Campus, filed by RINA n° PLFF/2831;
- Test reports 5640 issue by BDM House, filed by RINA n° PLFP/2831;
- Practical test carried out in compliance with ISO9650-1-2022 witnessed by RINA and filled with n° PLFP/2831;

Application/limitation of use

The liferaft may be fitted on board of pleasure craft with maximum length up to 24 m in compliance with Standard ISO 9650-1 (type A).

The compliance of each manufactured product with the prototype which underwent the type approval tests, shall be stated by the Manufacturer.

Liferafts are to be marked or labelled in accordance with para 5.2.9.5 of ISO 9650-1;

The validity of this Certificate ceases in the case of amendments to the rules on the basis of which the Certificate was issued. Liferafts servicing shall be carried out in accordance with para 7 of ISO 9650-1.

Gdansk July 3, 2020

