



TYPE APPROVAL CERTIFICATE
No. TCA005426CS

This is to certify that RINA Services S.p.A., authorised by Transport Canada as Recognised Organisation (Registration No. 161159) on 23rd December 2014, did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the requirements of the standard under Reference Standards

<i>Description</i>	INFLATABLE LIFERAFT
<i>Type</i>	DEEP SEA II 6-8-10-12-16-20-25P
<i>Applicant</i>	LALIZAS ITALIA S.R.L. VIA FONTANELLE 22 16012 Busalla (GE) ITALY
<i>Manufacturer</i>	LALIZAS ITALIA S.R.L.
<i>Reference standards</i>	MSC.81(70) and Res MSC.48(66) LSA Code; TP 14475E and TP 14612E.
<i>Reference documents</i>	RINA Rules for construction, testing and installation of Life Saving Equipment

Issued in Genoa on January 22, 2026. This Certificate is valid until January 18, 2031

Davide Campora

RINA Services S.p.A.

This certificate consists of this page and 1 enclosure

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DEEP SEA II 6-8-10-12-16-20-25P

Manufacturer

LALIZAS ITALIA S.R.L.

Place of Manufacturer

SITE 1: VIA BENEFICIO II TRONCO 57/A, 48015 Cervia (RA) ITALY

SITE 2: URSA 14, SINI VIR DISTRICT - PC 2309 PERNIK - BULGARIA

Product description

Throw overboard inflatable liferafts with the following main characteristics:

	DEEP-SEA 6p	DEEP-SEA 8p	DEEP-SEA 10p	DEEP-SEA 12p
Shape	square			
Length/width	1994 mm	2272 mm	2550 mm	2692 mm
Diameter of buoyancy tubes	241 mm	256 mm	270 mm	286 mm
Working pressure	0.017 Mpa			
Type of container /material	Flat : ABS or VTR Roll: VTR			
Maximum weight	Pack A: 84 Kg Pack B: 70.5 Kg	Pack A: 98 Kg Pack B: 76 Kg	Pack A: 105.5 Kg Pack B: 81 Kg	Pack A: 117.5 Kg Pack B: 91.5 Kg
Maximum installation height (*)	25 m			
Required towing force	2 kts: 0.5 kN 3 kts: 1.10 kN	2 kts: 0.65 kN 3 kts: 1.25 kN	2 kts: 0.6 kN 3 kts: 1.12 kN	2 kts: 0.75 kN 3 kts: 1.55 kN

	DEEP-SEA 16p	DEEP-SEA 20p	DEEP-SEA 25p
Shape	octogonal		
Length/width	3376 mm / 3376 mm	4280 mm / 4280 mm	4280 mm / 4280 mm
Diameter of buoyancy tubes	320 mm	360 mm	360 mm
Working pressure	0.017 Mpa		
Type of container /material	Roll: VTR		
Maximum weight	Pack A: 153 Kg Pack B: 109 Kg	Pack A: 169 Kg Pack B: 125 Kg	Pack A: 178 Kg Pack B: 125 Kg
Maximum installation height	25 m		
Required towing force	2 kts: 0.8 kN 3 kts: 1.90 kN	2 kts: 1.10 kN 3 kts: 2.18 kN	2 kts: 1.10 kN 3 kts: 2.18 kN

(*) In case of ABS flat container, the maximum installation height is reduced to 18 m.

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Coated fabrics:

1. Buoyancy chamber, bottom and canopy support: polyester fabric coated with PVC on both sides 1100Dtex 640 g/m² black or orange colored;
2. External canopy: polyester fabric coated with PVC on both sides 550 Dtx 510 g/m² orange colored or nylon fabric 210/210 2PU WR orange colored;
3. Inner canopy: Nylon fabric coated with polyurethane 2PU+WR 65g/m² light blue colored or Pam 100%+60g/m light blue colored.

Reference documents

- Technical Specification drawing n°402 Rev 2 issued by Lalizas Italia SRL and approved by RINA with n° CSST 18959;
- Liferaft General arrangement drawings issued by Lalizas Italia Srl and approved by RINA with n° CSST 18954 (OMO-Z-5011-12-13-14) and CSST 18953 (OMO-Z-5015-32-16);
- Canopy Int/Ext General arrangement drawings n° OMO-Z-5026-27-28-29 issued by Lalizas Italia Srl and approved by RINA with n° CSST 18952 (OMO-Z-5026-27-28-29) and CSST 18951 (OMO-Z-5030-33-31);
- Marking details and identification card, trade mark Arimar/Lalizas, issued by Lalizas Italia Srl and approved by RINA with n° CSST 25716;
- Container Flat Type ABS/GRP n° OMO-Z-5125/5135/5136 and Roll Type VTR n° OMO-Z-5145 approved with n° CSST 24135.

Tests carried out

- Practical test report issued in compliance with MSC.81(70) and MSC.295(87), issued by Arimar Spa, witnessed and filed by RINA with n° CSST 8038 (2011CS013227);
- Inflation system approved and tested in compliance with ISO 15738:2019 (Type Approval FPE164324CS);
- Fabric test report list for inflatable tube fabric, external canopy and internal canopy, issued by Arimar Spa witnessed and filed by RINA with n° CSST 8039 (2011CS013227);
- Practical test report additional in compliance with MSC.81(70) and MSC.295(87), issued by Lalizas Italia Srl, witnessed and filed by RINA with n° CSST 18960 (2020CS013388).
- Inflation test, dated 11/12/2025, witnessed and filed by RINA with n° CSST 25665.

Marking of Product

Instructions, information manual and markings are to be in both English and French language, according to TP14475E Canadian Life Saving Appliance Standard (03/2010).

Genoa January 22, 2026