

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB00007AK
Revision no.:
1

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

that the **Open reversible liferafts**

with type designation(s)

Lalizas Oceano, OR-6/-10/-25/-30/-50/-65/-100

issued to

Lalizas Hellas S.A.

Piraeus, Greece

is found to comply with the Implementing Regulation **(EU) 2025/1533** for

Item no. **MED/1.39 (Row 2 of 2)**

according to the following requirements:

IMO Res. MSC.36(63)-(1994 HSC Code) 8, IMO Res. MSC.36(63)-(1994 HSC Code) Annex 10, IMO Res. MSC.48(66)-(LSA Code) I, IMO Res. MSC.97(73)-(2000 HSC Code) 8, IMO Res. MSC.97(73)-(2000 HSC Code) Annex 11, IMO Res. MSC.481(102), SOLAS 74 Reg. III/4, SOLAS 74 Reg. X/3

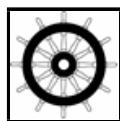
Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2026-01-27**

Expiry date: **2031-01-26**

DNV local unit:
Piraeus

Approval Engineer:
Tessa Biever



Notified Body
no.: **0098**



for **DNV SE**

Digitally Signed By:
Christine Mydlak-Röder

Christine Mydlak-Röder
Head of Notified Body

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

'Lalizas Oceano, OR-6/-10/-25/-30/-50/-65/-100',
Open reversible inflatable liferafts (throw over-board type), with HSC-Pack.

The retro reflective material is of type: YGM-1100-TA, YGM-1100-TB.

See for further information under Type examination documentation.

Application/Limitation

The liferafts shall be equipped with HSC emergency pack.

Gas cylinders shall be of an approved type.

Components in the gas inflation system should be approved according to ISO 15738:2019.

The liferaft is intended to be installed with external weak link and a hydrostatic release unit. Float free arrangement to be checked upon installation on board.

The design assessment is based on International Life-Saving Appliances (LSA) Code, IMO Res. MSC.48(66) as amended by IMO Res. MSC.218(82), IMO Res. MSC.293(87) and IMO Res. MSC.481(102).

Production testing shall be carried out according to IMO Res. MSC.81(70) part 2.

Please see Appendix: Application/Limitation

Type Examination documentation

Document No.	Rev.	Title
OR-06-00		Drawing - General arrangement OCEANO OR 6 from manufacturer.
OR-50-00		Drawing - General arrangement OCEANO OR 50 from manufacturer.
OR-100-00		Drawing - General arrangement OCEANO OR 100 from manufacturer.
		Test reports OR-6/-10/-25/-30/-50/-65/-100 witnessed by GL.
OR-65-00		Drawing - General arrangement OCEANO OR 65 from manufacturer.
OR-10-00		Drawing - General arrangement OCEANO OR 10 from manufacturer.
OR-25/30-00		Drawing - General arrangement OCEANO OR 25/30 from manufacturer.

Tests carried out

Prototype tests in accordance with relevant parts of the Recommendation on Testing of Lifesaving Appliances, IMO Res. MSC.81(70), Part 1, as specified in above mentioned documentation. The testing has been carried out in accordance with IMO Res. MSC.97(73), annex 11 item 7, MSC.295(87), MSC.323(89) and IMO MSC.481(102) - Type II, have been evaluated and found to be in compliance.

Marking of product

The product is to be indelibly marked with name and address of manufacturer, type designation, dimensions, date of manufacture and the Mark of Conformity (see first page). The marking shall be according to HSC Code (IMO Res. MSC.36(63) and MSC.97(73)), Ch. 4 and 5.



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APPENDIX

Application/Limitation

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Type	Persons [each 82.5 kg]	Weight [kg] HSC Pack	Required bollard pull [kN]		Max. Stowage Height [m]
			2 kn	3 kn	
OR-6	6	49	0.40	0.90	10
OR-10	10	56	0.50	1.00	10
OR-25	25	92	0.75	1.50	10
OR-30	30	109	1.00	1.90	10
OR-50	50	168	1.50	2.10	10
OR-65	65	215	1.70	2.65	10
OR-100	100	293	2.15	5.00	10