

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB000091C
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 **Lifejackets**

with type designation(s)
LAMDA Auto 330N

issued to

Lalizas Hellas S.A.
Piraeus, Greece

is found to comply with the Implementing Regulation (EU) 2024/1975 for
Item no. **MED/1.4 (Row 2 of 2)**
according to the following requirements:

SOLAS 74 Reg. III/7, SOLAS 74 Reg. III/22, SOLAS 74 Reg. III/34, IMO Res. MSC.36(63)-(1994 HSC Code) 8, IMO Res. MSC.48(66)-(LSA Code) I, IMO Res. MSC.48(66)-(LSA Code) II, IMO Res. MSC.97(73)-(2000 HSC Code) 8, IMO Res. MSC.481(102), IMO MSC/Circ.922, IMO MSC.1/Circ.1304, IMO MSC.1/Circ.1470, IMO MSC.1/Circ.1628, SOLAS 74 Reg. III/4, SOLAS 74 Reg. X/3

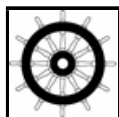
Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2025-07-17**

Expiry date: **2030-06-09**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

"LAMDA Auto 330 N"

Is an inflatable lifejacket with 330 N buoyancy. The lifejacket is equipped with a whistle, buddy line, retro reflective material, lifting loop and inflation system (manually, automatically or orally).

Chest size range: 70 – 150 cm

Min. weight: > 43 kg

This certificate covers the following three (3) variants:

1. LAMDA Auto 330 N (No. 72114)
2. LAMDA Auto 330 N – with sprayhood (No. 72115)
3. LAMDA Auto 330 N – with crotch strap and plastic buckle (No. 721142)

Application/Limitation

The lifejacket is approved for persons of more than 43 kg.

Retro-reflective materials shall be approved in accordance with the Marine Equipment Directive and bear the MED Mark of Conformity.

The design assessment is based on LSA Code as amended by IMO Res. MSC.207(81), IMO Res. MSC.218(82), IMO Res. MSC.368(93) and IMO Res. MSC.481(102).

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

Type Examination documentation

Please see Appendix: Type Examination Documentation

Tests carried out

Tests carried out in accordance with IMO Res. MSC.81(70), part 1, including IMO Res. MSC.200(80), IMO Res. MSC.226(82), IMO Res. MSC.323(89), IMO Res. MSC.378(93) and IMO Res. MSC.481(102) – Type I.

Marking of product

The product is to be indelibly marked with name and address of the manufacturer, type designation, date of manufacture and the MED Mark of Conformity. The markings shall comply with the LSA Code (IMO Res. MSC.48(66)) Ch. 1.2.2.9 and 2.2.1.6.

APPENDIX

Type Examination documentation

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Document No.	Rev.	Title
		Bill of materials 72114,72115
		General arrangement LAMDA-LIFEJACKET-330N (72114)
		Bill of Materials 721142
		General arrangement LAMDA-LIFEJACKET-330N (72115)
		Manual
CL/02/2014	1	Test Report CL/02/2014 iaw MC/Circ. 980 (2.2.2.9.2~9.6 and 2.2.2.12~17)
CL/WBO/10/2019		Test report CL/WBO/10/2019 (IMO MSC/Circ 980 item 2.5.1, 2.5.2 and 2.2)
CL/01/2014	1	Test report CL/01/2014 (IMO MSC/Circ 980 item 2.2.1~2.2.2.11)
CL/PCLB2/1/2024		Test Report CL/PCLB2/1/2024 iaw IMO MSC/Circ. 1628 Rev.1 item 2.2.2.10 and 2.2.2.11)
31/LM/2010		Test Report - Red 60 Sewing Thread iaw ISO 20262:1997 and ISO 12402:2007
TC/WjS/04/10		Test Report - Black Nylon 60 Thread iaw ISO 20262:1997 and ISO 12402:2007
120-29975.b		Test Report - material strength - Force Technology, Brøndby, Denmark
120-29975.a		Test Report color Spanish Yellow - Force Technology, Brøndby, Denmark
121-29439.a		Test Report inflatable chamber fabric Spanisch yellow ERES2020 - iaw ISO 12402-7: 2006 amd.1 2011 - Force Technology, Brøndby, Denmark
31/LM/2010		Test Report Polyester Yellow Webbing 25mm iaw ISO 20262:1997 and ISO 12402:2007
JH/FTL/3459c		Test report JH/FTL/3459c - 50 mm Buckle assembly iaw EN ISO 12402-7:2020 - Fleetwood testing laboratory, Lancashire, UK
29/LM/2010		Test Report - Red 20 Nylon Sewing Thread - iaw ISO 20262:1997 and ISO 12402:2007
TC/WjS/18/TCL/10		Test Report - Plastic Adjuster - iaw ISO 20262:1997 and ISO 12402:2007
TC/WjS/14/TCL/10		Test Report - Inflator test - iaw ISO 20262:1997 and ISO 12402:2007
NW/FTL/2954		Test Report 2954 Lalizas 20230 20240 150mm oral tube and PR - iaw EN ISO 12402-7:2020 - Fleetwood testing laboratory, Lancashire, UK
BLS/FTL/2660b		Compatibility Lamda330_Sprayhood
CL/PCLB2/2/2025		Test report No. CL/PCLB2/2/2025
CL/PCLB2/1/2025		Test report No. CL/PCLB2/1/2025
721142 - LAMDA Inflatable lifejacket AUTO 330 N Cover A		Drawing dated 8 July 2025 from manufacturer
CL/PCLB2/1/2025	1	Test report dated 1 September 2023 from PRS, Gdansk, Poland.
CL/PCLB2/1/2024	1	Test report dated 1 September 2023 from PRS, Gdansk, Poland.



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