

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB000091B
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 150 N

issued to

Lalizas Hellas S.A.
2 Mikras Asias – Fokaias & Aiginis 185 47 Piraeus Greece,

is found to comply with the Implementing Regulation (EU) 2025/1533 for
Item no. **MED/1.4 (Row 3 of 3)**
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/Rev.2, SOLAS 74 Reg. III/4, SOLAS 74 Reg. X/3

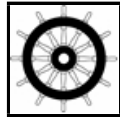
Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2026-05-27**

Expiry date: **2029-12-11**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 150 N',

Is an inflatable lifejacket with 150 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 four (4) variants:

1. LAMDA Auto 150 N (cat. No. 71107)
2. LAMDA Auto 150 N with zipper (cat. No 711071)
3. LAMDA Auto 150 N with plastic buckle (cat. No. 711072)
4. LAMDA Auto 150 N with zipper and plastic buckle (cat. No. 711073)

Please see Appendix: Product Description

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 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), IMO Res. MSC.481(102) and IMO Res. MSC.554(108).

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 Revised Recommendation on Testing of Life-Saving Appliances, IMO Res. MSC.81(70), part 1, including IMO Res. MSC.200(80), IMO Res. MSC.226(82), IMO Res. MSC.323(89) and IMO Res. MSC.378(93), IMO Res. MSC.481(102) - Type I, IMO Res. MSC.544(107) and IMO Res. MSC.563 (108).

Marking of product

The product is to be indelibly marked with name and address of the manufacturer, type designation and date of manufacture. The markings shall comply with the LSA Code Ch. 1.2.2.9 and 2.2.1.6.

APPENDIX

Type Examination documentation

Certificate no.:
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Document No.	Rev.	Title
CL/PCLB2/2/2024		Test report - Inflatable Lifejacket Lamda Auto 150N (711073) from PRS, Gdansk, Poland.
120-29975.a		Test report - EN ISO 12402-7:2020 from Force Technology, Brøndby, Denmark.
		Test report - Lamda Auto 150N (71107_2010) from PRS, Gdansk, Poland.
CL/AMU/28/2015		Test report - Inflatable Lamda Auto 150N (71107_2015) from PRS, Gdansk, Poland.
120-29975.b		Test report - Textane 210 A/B
121-29439.a		Assessment report - Chamber fabric (TPU1001P) Owner's Manual
JH/FTL/3459c		Test report - Buckle assembly (PN-EN ISO 12402-7)
71107	1	Drawing Lamda Lifejacket 150N-Chamber/Cover from manufacturer.
711071	1	Drawing Lamda Lifejacket 150N-Chamber/Cover
711072	1	Drawing Lamda Lifejacket 150N-Chamber/Cover from manufacturer.
711073	1	Drawing Lamda Lifejacket 150N-Chamber/Cover from manufacturer.
CL/WBO/96/2020/k		Test report - Inflatable Lifejacket (150N) (71107_2020)
CL/PCLB2/3/2023/k		Test report - Inflatable Lifejacket Lamda Auto 150N (71107-711071)
JH/FTL/3500B		Test report - 50mm polypropylene webbing - from Fleetwood, Lancashire, United Kingdom.
4790945238.3		Test report - crotch strap webbing 25 mm black from UL, USA.
JH/FTL/3459c		Test report - Buckle assembly - from Fleetwood, Lancashire, United Kingdom.
121-29439.a		Test report - Inflatable chamber fabric spanish yellow - from FORCE, Brøndby, Denmark.
JH/FTL/3536		Test report - Thread No.20 - from Fleetwood, Lancashire, United Kingdom.
JH/FTL/3459a		Test report - Thread No.30 from Fleetwood, Lancashire, United Kingdom.
JH/FTL/3459b		Test report - Yellow webbing - from Fleetwood, Lancashire, United Kingdom.
JH/FTL/3539A		Test report dated 20 January 2026 from Fleetwood Testing Laboratory, Lancashire, UK.
RS/FTL/3572 Issue 3		Test report dated 14 May 2026 from Fleetwood Testing Laboratory, Lancashire, UK.

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Materials used:

Material	Type designation	Manufacturer
Fabric	Textane 210 AIB (yellow)	See material list under Type examination documentation
Fabric	TPU1001P SP003 (yellow) TPU1001PFR (yellow) TPU1001P 003F (yellow) TPU1001P 0004 (orange)	See material list under Type examination documentation
Fabric	PVC fabric (red)	See material list under Type examination documentation