

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB00006HF
Revision no.:
2

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)
70178- Advanced Adult's Lifejacket SOLAS-(LSA Code) 2010

issued to

Lalizas Hellas S.A.
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

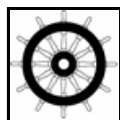
Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2025-12-19**

Expiry date: **2030-05-11**

DNV local unit:
Piraeus

Approval Engineer:
Tessa Bieber



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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

"70178- Advanced Adult's Lifejacket SOLAS-(LSA Code) 2010"

is an inherently buoyant, adult life jacket approved for persons with a weight of 43 kg and more and for a height of 155 cm or more. It is designed to fit persons weighing up to 140 kg and a chest girth of up to 1.750 mm, in accordance with IMO Res, MSC.207(81).

Application/Limitation

The adult life jacket is approved for persons with a weight of 43 kg or more and for a height of 155 cm or more.

Retro-reflective material and position indicating light 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, batch or serial number and the Mark of Conformity (see first page) or other elements allowing their identification.

The marking shall comply with the LSA Code Ch. 1.2.2.9 and 2.2.1.2.

APPENDIX

Type Examination documentation

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Document No.	Rev.	Title
2015001		Side release buckle dated 15 February 2015.
2006068		Fabric, thread, buckle and fabric dated 12 June 2007.
2015011		Prototype test report dated 10 February 2015 from Wuhan Testing Center of Marine LSA..
2009037		Prototype test report dated 18 September 2009 from Wuhan Marine Lifesaving Equipment Quality Inspection Center.
09 1 0052-1		Webbing closure dated 16 February 2009.
2009040		Waist buckle dated 2 September 2009.
2009041		Webbing dated 2 September 2009.
2009057		Foam flotation material dated 29 September 2009.
2015006		Yellow polyester fabric dated 11 March 2015.
JH/FTL/3459b		Test report - 30 mm lifting loop webbing strap, yellow&navy blue, 38 mm waist webbing strap navy blue&black from Fleetwood, Lancashire, United Kingdom.
4790945238.3		Test report - Crotch strap webbing w.25, black - dated 07 August 2024 to 10 September 2024 from UL, USA.
4790945238.4		Test report - EPE foam thickness 8.1mm from UL, USA.
4790945238.1		Test report dated 27 June 2024 to 03 September 2024 - Fluo red orange fabric - from UL, USA.
2023SW039		Inspection report - Small buckle 3902 (25mm) from Testing Laboratory of Fishery Machinery and Instrument Research Institute of Chinese Academy of Fishery Sciences, Shanghai, China.
JH/FTL/3459a		Test report - Thread nylon 30# black & orange - from Fleetwood, Lancashire, United Kingdom.
2023SW041		Inspection report - Waist buckle 72116 (40mm) from Testing Laboratory of Fishery Machinery and Instrument Research Institute of Chinese Academy of Fishery Sciences, Shanghai, China.
CL/PCLB7/1/2023/k		Test report for whistle from PRS, Gdansk, Poland.