

# EC Type Examination (Module B) Certificate

This is to certify that:

LLOYD'S REGISTER Marine Deutschland GmbH (LRMD), designated as a "notified body" based on the notification of the Federal Maritime and Hydrographic Agency of Germany, did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 2014/90/EU and the valid Commission Implementing Regulation (EU) in force indicating design, construction and performance requirements and testing standards for marine equipment, subject to the conditions below and the attached Schedule which also forms part of this Certificate.

**Manufacturer** **LALIZAS HELLAS S.A.**

**Address** 3 Gounari Street, 18531, Piraeus, Greece

**Reference** Marine Equipment Directive (MED) 2014/90/EU, Regulation (EU) 2024/1975

**Regulation Item (No. & Item Designation)** MED/1.4 Lifejackets

**Product Type** LIFEJACKETS

**Product Description** Inherently buoyant Child Lifejacket

**Specified Standard** SOLAS 74 Reg. III/4,  
SOLAS 74 Reg. X/3.  
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 MSC/Circ.922,  
IMO MSC.1/Circ.1304,  
IMO MSC.1/Circ.1470,  
IMO MSC.1/Circ.1628.

Lloyd's Register Marine Deutschland  
GmbH, Willy-Brandt-Straße 59-65, 20457  
Hamburg, Germany.  
A member of the Lloyd's Register group

**Lijo Thomas**

Fire & Safety - Senior Surveyor  
For and on behalf of Lloyd's Register Marine  
Deutschland GmbH (2923)

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Resolution MSC.81 (70) Amended by Resolution MSC.200(80), MSC.226(82), MSC.274(85), MSC.295(87), MSC.321(89), MSC.323(89), MSC.378(93), MSC.427(98), MSC.472(101), MSC.488(103), MSC.544(107) and MSC.563(108) as applicable.  
IMO Res. MSC.481(102).

**Row of the Regulation Item** Row 2 of 2 of Regulation (EU) 2024/1975

**Trade Name** 72215- LALIZAS Compact Child Folding Lifejacket SOLAS LSA Code 2016,Orange.  
722151- LALIZAS Compact Child Folding Lifejacket SOLAS LSA Code 2016, Yellow.

The attached Design Appraisal Document (schedule) forms part of this certificate. This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to and agreed with the notified body named on this certificate. The manufacturer should notify LRMD of any modification or changes to the equipment in order to obtain a valid Certificate.

Should the specified regulations or standards be amended during the period of validity of this certificate, the product is to be re-approved prior to being placed on the market and on board vessels to which the amended regulations or standards apply.

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-control phase module (D,E, or F) of ANNEX II of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.

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### ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. LR2516001MB

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and European Union legislation for the EC Type Examination of Marine Equipment for use on Merchant Ships Registered in the European Economic Area.

This Design Appraisal Document (schedule) forms part of the Certificate.

"This is an amendment and supersedes certificate No: LR21279441MB

#### Examined Documentation

Final Image, dated 22/03/2016

Final Dimensions, dated 22/03/2016

Marking Final

#### Test Reports

<u>Report No.</u>	<u>Date</u>	<u>Title</u>
2016006	18/01/2016 to 11/03/2016	Test Report for Child Lifejacket Type: "72215 LALIZAS Compact Child Folding Lifejacket SOLAS LSA Code 2016 (With 72116 buckle)" conducted at Wuhan Testing Centre Marine Life-Saving Appliances
2006068	12.06.06	Test Report for Webbing 40 mm of Lifejacket
2009059	09.10.09	Test Report for Foam Flotation Material (300 mm x 300 mm x 8 mm)
2009057	29.09.09	Test Report for foam flotation material (300 mm x 300 mm x 125 mm)
2015001	06.02.15	Test Report for side release buckle for 40 mm webbing in accordance with ISO 12402-7, conducted at Wuhan Testing Centre Marine Life-Saving Appliances
2009041	02.09.09	Test Report for lifejacket webbing 25 mm
2015008	11.03.15	Test report for Polyester Fabric conducted at Wuhan Testing Centre Marine Life-Saving Appliances
2015006	11.03.15	Test report for Yellow Polyester Fabric conducted at Wuhan Testing Centre Marine Life-Saving Appliances

#### Conditions of Certification

- Approved Colours : Orange , Yellow.
- The measured buoyancy of the lifejacket is 8.87 Kgf.
- The lifejacket has been appraised also against LSA Code as amended by Resolution MSC.368(93).
- Instructions for use shall be provided with each lifejacket. As prescribed by SOLAS Regulation III/35 one or more additional copies shall be provided for inclusion in the vessel's Training Manual.
- The lifejacket is approved only for use by children within a weight range of 15-43 kg and height between 100 & 155 cm.
- Each lifejacket shall also be clearly marked with the information required by LSA Code as amended by Regulation I/1.2.2.9 and II/2.2.1.10.
- As prescribed by SOLAS Regulation III/36 and where applicable, lifejackets shall be maintained as per manufacturer's instructions.
- An approved lifejacket light meeting the requirements of the LSA Code as amended by Regulation II/2.2.3 is to be fitted. The light is to be tested and meet the requirements of IMO Resolution MSC.81 (70), Part 1, 10.3 and 10.4 and is attachment have to be to the satisfaction of the attending Surveyors.

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9. Each lifejacket shall be fitted with a whistle firmly secured by a lanyard as per LSA Code as amended by Regulation II/2.2.1.14.
10. Each lifejacket shall be provided with a releasable buoyant line or other means to secure it to a lifejacket worn by another person in the water as per LSA Code as amended by Regulation II/2.2.1.16.
11. A lifejacket shall be provided with a suitable means to allow a rescuer to lift the wearer from the water into a survival craft or rescue boat as per LSA Code as amended by Regulation II/2.2.1.17.
12. The storage of this equipment is not part of this Design Appraisal or Certificate. All such arrangement are to be to the satisfaction of the attending Surveyors on board.
13. If the specified standards are amended during the validity of this certificate, this product type is to be re-approved prior to it being supplied to vessels to which the amended standards apply
14. Production tests are to be conducted in accordance with the applicable requirements of IMO Resolution MSC.81(70), Part 2 and be recorded by the manufacturer in accordance with either the approved Production Quality Assurance system (Module D) or Product Quality Assurance (Module E) or witnessed by the Notified Body as required by the Product Verification (Module F) of the Marine Equipment Directive. This does not preclude any further testing to additional requirements of the Marine Administration of the country where the ship is registered (i.e. the flag state) or those acting on behalf of that Administration
15. Production items of the subject equipment are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D), a Product-Quality assurance system (Module E) or a Product Verification Process (Module F). The wheelmark cannot be affixed to the product until a conformity assessment module is in place.
16. Each item, batch or lot of the equipment is to be issued with a "Declaration of Conformity" and have the "Mark of Conformity" affixed after a conformity assessment module is in place.
17. The manufacturer shall keep a copy of the EC type-examination certificate, its annexes, and additions together with the technical documentation at the disposal of the national authorities for at least 10 years after the wheel mark has been affixed on the last product manufactured and in no case for a period shorter than the expected life of the marine equipment concerned.
18. Should a change of Place of Production from that stated below be required i.e. where the stages of manufacture/assembly/testing of this product take place, the new Place of Production is to be advised to us prior to the change taking place. This Certificate will require to be updated for Approval to be maintained

#### **Places of Production**

Xiamen Marine Industries Co., Ltd.  
No 100, Jinguan Road  
Jimei Northern Industrial Area  
Xiamen, Fujian, 361021  
People's Republic of China



Lijo Thomas  
Senior Specialist  
Fire & Safety, Statutory Discipline Team  
UK&I Technical Support Office, Marine & Offshore  
For and on behalf of Lloyd's Register Marine Deutschland  
**LRMD EC Distinguishing No. 2923**