



Marine & Offshore

Certificate number: 77020/A0 MED

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USCG Module B number: 160.162 / EC2690

This certificate is not valid when presented without the full attached schedule composed of 7 sections
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Notified Body 2690 - MARINE EQUIPMENT DIRECTIVE 2014/90/EU

EC TYPE EXAMINATION CERTIFICATE

as per Module B of Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations and Commission Implementing Regulation (EU) 2023/1667 of 8 Aug. 2023

This certificate is issued to:

LALIZAS HELLAS S.A.

3, Gounari str., 18531, Piraeus,, GREECE

for the type of product

FLOAT-FREE ARRANGEMENTS FOR LIFERAFTS (HYDROSTATIC RELEASE UNITS)

LALIZAS Hydrostatic Release for Life Rafts

Requirements:

SOLAS 74 Convention as amended, Regulations III/4, X/3, III/13, III/26 and III/34

IMO Res. MSC.48(66) -(LSA Code)- amended by MSC.207(81), MSC.218(82), MSC.272(85), MSC.293(87), MSC.320(89), MSC.368(93), MSC.425(98), MSC.459(101) and MSC.485(103) I, IV

IMO Res. MSC.36(63) -(1994 HSC Code)- as amended, 8

IMO Res. MSC.97(73) -(2000 HSC Code)- as amended, 8

IMO Res. MSC.81(70) amended by 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) and MSC.488(103)

IMO MSC/Circ.811 and IMO MSC.1/Circ.1630

This certificate is issued on behalf of the French Maritime Authorities to attest that Bureau Veritas Marine & Offshore did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations.

This certificate will expire on: 31 May 2029


For Bureau Veritas Marine & Offshore Notified Body 2690,

At BV PIRAEUS, on 31 May 2024,

Spyros KONTOULIS

This certificate was created electronically and is valid without signature



This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark ) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. Bureau Veritas Marine & Offshore is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

The **LALIZAS Hydrostatic Release** for Life Rafts is designed in accordance with the SOLAS regulation, for liferafts from 4 to 150 persons. The **LALIZAS HRU** is installed onboard, attached to the liferaft according to the instructions. The **LALIZAS HRU** requires no maintenance or any additional spare parts, while it needs to be replaced by a new device two years from installation.

Product Designation	73595-LALIZAS Hydrostatic Release for Life Rafts
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As indicated in the technical documentation submitted by the Applicant.

2. DOCUMENTS AND DRAWINGS :

2.1 - Drawings and specifications

Document	Issue	Date
73595-HYDROSTATIC RELEASE FOR LIFERAFT	A	23/05/2019
03651-MEBRANE FOR HRU	B	09/05/2019
03652-RUBBER CAP FOR HRU	A	21/05/2019
03671-MEBRANE PIN	A	10/12/2018
03700-BREATHING ePTFE MEBRANE FOR HRU	A	21/05/2019
03701-AGGLOMERATED COMPOSITION CORK	A	21/05/2019
03703-MEBRANE-SPRING	B	21/05/2019
03704-KNIFE-INSERT-SPRING	A	21/05/2019
03705-MAIN HRU BODY COVER	A	09/05/2019
03706-MAIN HRU BODY BOTTOM	A	09/05/2019
03707-MEBRANE HOLDER HRU	A	09/05/2019
03708-KNIFE INSERT FOR HRU	A	15/05/2019
03709-SPRING INSERT FOR HRU	A	09/05/2019
03710-WEAK LINK BODY FOR HRU	A	21/05/2019
03711-WEAK LINK PIN FOR HRU	E	21/05/2019
03712-U ROPE GUIDE FOR HRU	B	21/05/2019
03713-VENT PLUG FOR HRU	A	21/05/2019

2.2 - Markings

Document	Issue	Date
73595 Marking Sticker	A	17/05/2024

2.3 - Manual for installation, use and maintenance

Document	Issue	Date
73595 LALIZAS HRU Instructions	A	17/05/2024

No departure from these documents is permitted without the prior consent of the Society

3. TEST REPORTS :

As per test report listed in the following document:

REF	DESCRIPTION	Date
119-36365.a	Initial Type test	2020-08-03
120-35606.a	Additional type test related to smaller liferafts 4 persons	2020-12-09

4. APPLICATION / LIMITATION :

- As per requirements stated on front page of this Certificate.
- Where the weak link is part of the supply, it shall comply with items N° 4 or 8 on drawing H20 for liferafts scheme-A-R1.
- Since not submitted to the painter strain there is no limitation in respect to the liferaft capacity (the "Rope sling", which is part of the device was strength tested at 15 KN, liferaft for more than 25 persons)
- The onboard installation and the maintenance of the Hydrostatic Release Unit shall be carried out according to manufacturer's instructions.
- It needs no annual service, maintenance or spare parts, but must be replaced out according to manufacturer's instructions.
- It shall be provided with a simple system of recording the expiry date (month/year) at which the unit must be replaced.
- If marked with more than a single expiry date (month/year), the unit will be invalid and must be replaced.
- In addition of the Electronic version of the "manual for installation, use and maintenance", a paper version of the manual should always be available free of charge for the consumers who request it.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D Production Quality Assurance or module E Product Quality Assurance or module F Product Verification of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

5.2 - For information concerning the production phase modules, **LALIZAS HELLAS S.A.** has declared the following manufacturing site(s):

LALIZAS HELLAS S.A.
15 28th Oktobriou str.
18233, Agios Ioannis Rentis
GREECE

6. MARKING OF PRODUCT :

To be permanently marked on the unit or identification plate securely attached to the unit, as follows:

- Type "LALIZAS HRU"
- Serial number
- Means of determining its date of Expiry
- Information related to the capacity liferaft with which the unit may be used (more than 25 persons)

Reference is made to MED 2014/90/EU chapter 2.

In particular Article 10.3 specifies that the wheelmark shall be followed by the identification number of the Notified Body involved in the production control phase (module D, E or F) and by the year in which the mark is affixed (4 digits or last 2 digits).

In pursuance of the EU/US MRA+, and in accordance with the Council Decision 2004/425/EC of 21 April 2004 amended by Decision 1/2023 of 26 May 2023, the product(s) marked as per MED 2014/90/EU may be marked with the USCG conformity marking as authorized by the Notified Body undertaking surveillance module.

7. OTHERS :

It is **LALIZAS HELLAS S.A.** responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

*** END OF CERTIFICATE ***