



Maritime &  
Coastguard  
Agency

UK Approved Body Authorised  
by the MCA

Certificate number: 77021/A0 UK

File number: ---

Item number: UK/1.16

*This certificate is not valid when  
presented without the full attached  
schedule composed of 7 sections*

Approved Body 8517 - UNITED KINGDOM MARINE EQUIPMENT APPROVAL

## UK TYPE-EXAMINATION (MODULE B) CERTIFICATE

*This is to certify that Bureau Veritas SA UK Branch Office 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 the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, subject to any conditions in the schedule attached hereto.*

*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

*The attached (schedule of approval) forms part of this certificate.*

*This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.*

**This certificate will expire on: 31 May 2029**

**Issued by Bureau Veritas SA UK Branch Office**

**(Approved Body 8517)**

At BV PIRAEUS, on 31 May 2024,

Spyros KONTOULIS

***This certificate was created electronically and is valid without signature***



*Note 1: 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 approved body named on this certificate.*

*Note 2: During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved Body.*

*Note 3: "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 Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body."*

*Note 4: In case limitations of use apply, these should be indicated in the Annex.*

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 is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site [www.veristar.com](http://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 electronic version is available at: <http://www.veristarp.com/veristarnb/jsp/viewPublicPdfTypec.jsp?id=ysmj3wef4d>

BV Mod. Ad.E 536\_UK May 2022

This certificate consists of 3 page(s)

## 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.

<b>Product Designation</b>	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 UK Declaration of Conformity and to affix the mark of conformity (United Kingdom conformity mark) 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 Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, is to be complied with and controlled by a written inspection agreement with an Approved 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 the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, Part3:

In particular Article 15.3 specifies that the United Kingdom conformity mark shall be followed by the identification number of the Approved 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).

**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 \*\*\*