



TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MERB00001J1
Revision No:
0

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

This is to certify:

That the Lifebuoys

with type designation(s)
Lifebuoy type 2.5 kg (code 70090) and Lifebuoy type >4 kg (code 70110)

Issued to

Lalizas Hellas S.A.
Piraeus, Greece

is found to comply with the requirements in the following Regulations/Standards:
Regulation **MSN 1874 Amendment 7**,
item No. UK/1.1. SOLAS 74 as amended, Regulation III/4, III/7, III/34 & X/3, LSA Code, 2000 HSC Code 8

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

This Certificate is valid until **2026-11-02**.

Issued at **London** on **2023-09-27**

DNV local unit:
Piraeus

Approval Engineer:
Roland Priebe



Approved Body No.: **0097**

for **DNV UK Ltd.**

Christine Mydlak-Röder
MER Service Responsible



**Maritime &
Coastguard
Agency**

UK Approved Body Authorised
by the MCA

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.
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.
"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. In case limitations of use apply, these should be indicated in the Annex.

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 300,000 USD.



Product description

Lifebuoy type 2.5 kg (code 70090) and Lifebuoy type >4 kg (code 70110)

Max. storage height above the water line: 80 m

Application/Limitation

The lifebuoy type >4 kg (code 70110) has sufficient mass to operate the quick-release arrangement provided for self-activated smoke signals and self-igniting lights.

The used retro-reflective material shall be approved according to the Marine Equipment regulation and bear the UK Mark of Conformity.

Production tests are to be conducted in accordance with IMO Res. MSC.81(70) Part 2 and recorded by the manufacturer in accordance with the approved Production Quality Assurance system for Module D of the Marine Equipment Regulation.

The design assessment is based on IMO Res. MSC.48(66)-LSA-Code Ch.I and II, as amended by MSC.207(81) and MSC.218(82).

Type Examination documentation

Evaluation and test reports in accordance with MSC/Circ.980 from Wuhan Marine Lifesaving Equipment Quality Inspection Center dated 2007-04-02,

Report WD/WjS/15/11 and WD/WjS/16/11 dated 2011-07-15 by PRS

Tests carried out

The products have been tested in accordance with IMO Res.MSC.81(70) Part 1, as amended by IMO Res. MSC.200(80) and MSC.226(82)

Marking of product

The product is to be indelibly marked with name and address of manufacturer, type designation, date of manufacture and UK Mark of Conformity (see page 1).

In addition, each lifebuoy shall be marked in block capitals of the Roman alphabet with the name and port of registry of the ship on which it is carried in accordance with SOLAS III/7.1.4.