



UK TYPE-EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

Lloyd's Register Marine Limited (LRM Ltd) 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.

Manufacturer	E.G. VALLIANATOS S.A. (EVAL)
Address	Thesi Tzaverdella, Ano Liosia, PC 13341, Athens, Greece
Reference	MSN1874 Amendment 6
Regulation Item (No. & Item Designation)	UK/1.1 - Lifebuoys
Product Type	Lifebuoy
Product Description	Quick release lifebuoy suitable for use with light and smoke signal, ≥ 4 kg; Type "558"
Trade Name	"558"
Specified Standard	LSA code, Regulation II/2.1 IMO Res. MSC.81(70), Part 1, as amended

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 This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.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 is issued under the authority of 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 "UK 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.

Lloyd's Register Marine Limited (Reg. no. 13281335) is a limited company registered in England and Wales. Registered office: 71 Fenchurch Street, London, EC3M 4BS, UK.
A member of Lloyd's Register group.

Lijo Thomas

Senior Surveyor
For and on behalf of Lloyd's Register Marine Ltd. (8512)

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ATTACHMENT TO UK TYPE EXAMINATION (MODULE B) CERTIFICATE No. LR22531785UKMB

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and the Merchant Shipping (Marine Equipment) Regulations 2016, as amended for the UK Type Examination of marine equipment for use on UK ships

This Design Appraisal Document forms part of the Certificate.

Approval Documentation

Drawing No.	Drawing Title	Rev No	Issue Date
Design No. V-109	Code No: 558	C	30.04.2014

Technical Specifications LIFEBOUY CODE 558, undated

Test Reports

Report Title	Report No.	Date
Evaluation and test report, Test for operation with a light and smoke signal for Lifebuoy type "558" – E.G. VALLIANATOS S.P.A	TCL/WJS/01/2011 -642203	28.05.2011
Evaluation and test report (MSC/Circ. 980 Part 2.1.1 Lifebuoys) "543"	TCL/WJS/01/07	05.02.2007
Evaluation and test report (MSC/Circ.980 Part 2.1.1 Lifebuoys) "558"	TCL/WJS/03/07	05.02.2007

Conditions of Certification

1. Lifebuoy weight: 4 kg minimum; Dimensions: Inner Diameter Φ 440 \pm 10mm, Outer Diameter Φ 740 \pm 10mm.
2. Maximum installation height is 50 m.
3. Each lifebuoy to be marked with the information required by LSA Code Regulation 1.2.2.9 and with the name and port of registry of the ship on which is carried; in capitals of the Roman alphabet.
4. The lifebuoy is to be fitted with retro-reflective material as required by LSA Code Regulation I/1.2.2.7 and approved in accordance with United Kingdom conformity assessment procedure.
5. The lifebuoy is to be stowed as to be capable of being rapidly cast loose and not secured in any way. The weight of this lifebuoy is considered suitable to operate the quick-release arrangement provided for a self-activated smoke signal and self-igniting light, however the lifebuoy is to be tested in accordance with IMO Resolution MSC.81(70), I/1.8 with the light and smoke signal intended to be used.
6. Lifebuoys with lights and smoke signals shall not be provided with lifelines.
7. 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.
8. 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 wheel mark cannot be affixed to the product until a conformity assessment module is in place.



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Certificate No: LR22531785UKMB
Issue Date: 14/12/2022
Expiry Date: 28/02/2027
Reference: UKITSO/LSA/TA/LT/PRJ11100396814

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9. 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 System (Module E) or a Product Verification Process (Module F), as applicable. 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.
10. Each item, batch or lot of the subject equipment is to be issued with a "UK Declaration of Conformity" and have the "UK Conformity Mark" affixed after a conformity assessment module is in place.
11. 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.
12. The manufacturer must keep a copy of the UK type-examination certificate, its annexes and additions together with the technical documentation at the disposal of the national authorities for a period of at least 10 years after the UK Conformity 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.
13. The certificate holder is solely responsible for the products supplied under this Certificate and to ensure that their products are fully compliant with the relevant statutory regulations as applicable and are designed, manufactured and installed to the same quality and specifications as the prototype tested, including components that are designed and manufactured by third parties.

Place of Production

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For and on behalf of Lloyd's Register Marine Ltd.
(LRM Ltd) - UK Approved Body 8512

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