



EC TYPE EXAMINATION (MODULE B)

No. MED404524CS

This is to certify that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Life-Saving appliances requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2024/1975.

MED Item N°	MED/1.2c
USCG Category N°	161.112
Description	Position-indicating lights for life-saving appliances: (c) for lifejackets
Type	REVENGE
Applicant	SIC DIVISIONE ELETTRONICA SRL VIA GRAN BRETAGNA S.N. - ZONA INDUSTRIALE 73100 Lecce (LE) ITALY
Testing standards applied	IMO Res. MSC.81 (70), as amended, IEC 60945:2002 Incl. IEC 60945 Corr. 1 (2008).
Regulations specified and reference documents	SOLAS 74 Reg. III/7, SOLAS 74 Reg. III/22, SOLAS 74 Reg. III/26, SOLAS 74 Reg. III/32, 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.1/Circ.1628.

Issued in RINA Genoa Marine
on
November 20, 2024

This Certificate is valid until
November 19, 2029

This Certificate consists of this sheet plus an attachment

Giovanni Carratino

RINA Services S.p.A.



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Manufacturer

SIC DIVISIONE ELETTRONICA SRL

Place of Manufacturer

VIA GRAN BRETAGNA S.N. - ZONA INDUSTRIALE
73100 Lecce (LE)
ITALY

Product description

Type of light: flashing light;
Activation: automatic water activation;
Shape: ovoid;
Dimensions: height 41 mm, width 35mm, length 77mm;
Color: body transparent, dome clear;
Material: polycarbonate;
Total weight: 75 grams;
Flash rate: about 51.72 flashes per minute;
Feeding: 2 x 1,5 V , power 0.45W Alkaline LR6 batteries in a sealed container;
Bulb: LED white LUXEON 3,0 volts 0.15A;
The light is supplied with one clamp for secure fastening to the lifejacket.

Field of application

To be used in conjunction with a lifejacket or immersion suit designed according to LSA Code as amended.

Reference documents

Booklet of technical drawings n° 1-8, Model REVENGE edit by SIC Divisione Elettronica and approved by RINA with n° CSST 17709;
Technical specification 24-09-2019 REV 1, Model REVENGE edit by SIC Divisione Elettronica and filed by RINA with n° CSST 17710;
Label detail flashing lifejacket light, n° 7, Model REVENGE edit by SIC Divisione Elettronica and approved by RINA with n° CSST 17711.

Tests carried out

Test report, manual and instruction n° 2019 TA 01 673 issued by Sic Divisione Elettronica Laboratory, witnessed and filed by RINA with CSST 17738;
Test report REVENGE n° 523.12/ELU08 in compliance to IEC 60945:2002 and IEC 60945 corr.1 (2008) issued by Sic Divisione Elettronica Laboratory, and filed by RINA with CSST 17739.

Remarks

The light, when attached to the lifejacket, shall be visible over as great a segment of the upper hemisphere;
The sealed battery pack shall be marked with its expiry date according to LSA Code Chapter I Par 1.2.3 as amended.

This certificate annuls and replaces the certificate No. MED307119CS.

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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 a written inspection agreement with a Notified Body



XXXX/YYYY

"WHEELMARK FORMAT"

XXXX *Notified Body number undertaking surveillance module*
YYYY *The year in which the mark is affixed*

USCG Approval marking

This equipment is covered by the scope of the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment signed February 27th, 2004 and amended by Decision No. 1/2018 dated February 18th, 2019 according to U.S. Coast Guard approval category **161.112**.

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F) as allowed by the MED.

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA
- d) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- e) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.

Giovanni Carratino

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