



EC TYPE EXAMINATION (MODULE B)
CERTIFICATE Nr. MED155614CS/003

This is to certify, that RINA, specified as Notified Body N° 0474 by the Italian "Ministero delle Infrastrutture e dei Trasporti Direzione Generale per la navigazione ed il Trasporto Marittimo ed Interno" on 25 November 1998, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Life-Save Appliances requirements of Marine Equipment Directive (MED) 96/98/EC as modified by Directive 2012/32/EU

<i>MED Item N°</i>	A.1/1.10
<i>USCG Category N°</i>	160.122
<i>Description</i>	Buoyant smoke signals (pyrotechnics)
<i>Type</i>	BOETTA
<i>Applicant</i>	ALBATROSS S.R.L. VIALE ANTONIO GRAMSCI 13 80122 NAPOLI (NA) ITALY
<i>Testing standards</i>	IMO Res. MSC 81(70) as amended
<i>Reference standards</i>	Reg. III/34 of SOLAS 74 as amended , IMO Res. MSC.48 (66) -(LSA Code) I, III

Issued at Genoa on
July 30, 2014

This Certificate is valid until
July 29, 2019

This Certificate consists of this sheet plus an attachment



Franca Parisi

RINA Services S.p.A.



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Manufacturer

ALBATROSS S.R.L.

Place of Manufacturer

VIA CASERTA LOC. FELLINO
80030 ROCCARAINOLA (NA)
ITALY

Product description

Buoyant smoke signal made of metallic shape with cylindrical shape, having the following main characteristics:

Height	120 ± 1mm
External body diameter	83.5 ± 1mm
Weight	480 g
Burning time	more than 180 s
Colour of smoke	reddish orange

Reference documents

Technical datasheet issued by Albatross Srl and approved by RINA with n° CSST 11534;

Main dimension drawing n° A-0015-ALB, issued by Albatross Srl and approved by RINA with n° CSST 11535;

Test Tests carried out

Evaluation and test report n° 2014CS011556 carried out in accordance with IMO Res.MSC81(70) and filed by RINA with n° CSST 11548;

Test report n° 317683 issued by Istituto Giordano and filed by RINA with n° 11549.

Validity conditions

Expiry date: 4 years from the manufacturing date

Remarks

Smoke density and colour tested in compliance with MSC 81(70) as amended by Res MSC.226(82), par 4.8.3
Each signal shall be permanently marked with the date (month and year) of manufacture.

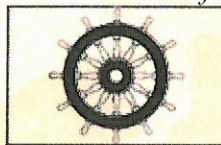




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The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex B of the Directive is fully complied with a written inspection agreement with a Notified Body



XXXX/YY

"WHEELMARK FORMAT"

XXXX *Notified Body number undertaking surveillance module*
YY *Last two digits of year mark affixed*

USCG Approval

This product has been assigned a U.S. Coast Guard module B number (*USCG number: 160.122/EC0474*) to note type approval to Module B only as it pertains to obtaining U.S. Coast Guard approval as allowed by 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.

The manufacturer is allowed to affix the U.S. Coast Guard approval number to the above equipment subject to the authorization of the Notified Body undertaking the surveillance module.

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 no 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.



Franca Parisi