



## EC TYPE EXAMINATION (MODULE B) CERTIFICATE


This is to certify that:

LLOYD'S REGISTER VERIFICATION LIMITED (LRV), designated as a "notified body" under the terms of the Merchant Shipping (Marine Equipment) Regulations 2016 (S.I. 2016 No. 1025) did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the essential Life-saving appliance requirements of Marine Equipment Directive (MED) 2014/90/EU and Commission Implementing Regulation (EU) 2017/306 indicating design, construction and performance requirements and testing standards for marine equipment, subject to any conditions in the Design Appraisal Document attached hereto.

<b>Manufacturer (Applicant)</b>	Wescom Rescue and Signal Spain SL
<b>Address</b>	Camino Mendi S/N Esquiroz de Galar Navarra, 31191 Spain
<b>Reference Regulation Item (No &amp; Item designation)</b>	<b>Regulation 2017/306 MED/1.10 BUOYANT SMOKE SIGNALS (PYROTECHNICS)</b>
<b>USCG Category Number</b>	<b>160.122 - BUOYANT SMOKE SIGNAL, 3-MINUTE (PYROTECHNICS)</b>
<b>Product Type</b>	<b>PYROTECHNICS</b>
<b>Product Description</b>	Buoyant smoke signal - Type: "KEL"
<b>Specified Standard</b>	IMO Resolution MSC.81 (70), Part 1 as amended by MSC.226 (82) and MSC.323 (89)

The attached Design Appraisal Document (schedule) forms part of this certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Date of issue	17 May 2018	Expiry date	22 January 2021
Certificate No.	MED 1650089/M1	Signed	
Sheet No	1 of 3	Name	B. Geary For and on behalf of Lloyd's Register Verification LRV EC Distinguishing No. 0038

Note:

This certificate is issued under the authority of the MCA.

This certificate is not valid for equipment; the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify the notified body named on this certificate of any modification or changes to the equipment in order to obtain a valid Certificate.

**USCG-EU MRA - This product has been assigned a U.S. Coast Guard Module B number: USCG Module B number: 160.122/EC0038 to note type approval to Module B only as it pertains to obtaining U. S. Coast Guard approval as allowed by the "Corrigendum to Council Decision 2004/425/EC of 21 April 2004 on the conclusion of an Agreement between the European Community and the United States of America on the mutual recognition of certificates of conformity for marine equipment."**

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## Lloyd's Register Verification Limited

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Document number MED 1650089/M1
Issue number 1

### DESIGN APPRAISAL DOCUMENT

Date 17 May 2018	Quote this reference on all future communications SOUTSO/SFS/TA/BG/WP32340781
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#### ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1650089/M1

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and European Union legislation for the EC Type Examination of Marine Equipment for use on Merchant Ships Registered in the European Economic Area.

This Design Appraisal Document (schedule) forms part of the Certificate.

#### EXAMINED DOCUMENTS

<u>Title</u>	<u>Document No</u>	<u>Date</u>
General Arrangement	51	Nov 09
Screw Cap	51/6	Nov 09
Lid	51/2	Nov 09
Firing Ball	51/11	Nov 09
Nut	51/8	Nov 09

#### TEST REPORTS

Piretecnica Oroquieta, S.L. 60 page booklet including covers, detailing construction, materials, test equipment and calibrations, test methods and test reports with photographs. Approval date 15 October 1996.

Survey Report No. BBO 600305/2 of 21 June 1996.

Test Report of Buoyant Smoke Signal "KEL", document No IC-10.2-2 Rev. 1, dated September 2012 as witnessed by a LR Surveyor.

#### CONDITIONS OF CERTIFICATION

- Each buoyant smoke signal is to be marked with the approved clear and precise instructions along with the date of manufacture and expiry date as required by LSA Code, Chapter 3.3.3.3 and with the information required by LSA Code, regulations 1.2.2.9
- The expiration date not to exceed 48 months after the month of manufacture
- The stowage of this equipment is not part of this Design Appraisal or certificate. All such arrangements are to be to the satisfaction of the surveyors attending on board
- 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
- Production items are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D) or Product Quality Assurance (Module E) or Product Verification (Module F) of the Marine Equipment Directive
- 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 (Module E) or witnessed by the Notified Body as required by the Product Verification (Module F) of the Marine Equipment Directive. 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



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**ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1650089/M1**

- 7. This product has been assigned a **U.S. Coast Guard Module B number USCG Approval Category 160.122/EC0038** to note type approval to Module B only as it pertains to obtaining U. S. Coast Guard approval as allowed by the "Corrigendum to Council Decision 2004/425/EC of 21 April 2004 on the conclusion of an Agreement between the European Community and the United States of America on the mutual recognition of certificates of conformity for marine equipment"

In those instances where the Notified Body conducting the conformity assessment in accordance with either Module D, E or F of the Marine Equipment Directive is not Lloyd's Register Verification Ltd., such Notified Body would use the above U.S. Coast Guard Module B number to provide the manufacturer with the U.S. Coast Guard approval number by noting it on the Certificate of Conformity, thereby authorizing the manufacturer to mark the product accordingly

Note: For products placed on board U.S. flagged ships there is no declaration of conformity required to meet U.S. Coast Guard requirements

- 8. Each item, batch or lot of the equipment is to have the "Mark of Conformity" affixed and be issued with a "Declaration of Conformity"
- 9. 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

Note: This is amendment of certificate MED 1650089

**PLACE OF PRODUCTION**

Wescom Rescue and Signal Spain SL  
Camino Mendi S/N  
31191 Esquiroz de Galar  
Navarra  
Spain



Ben Geary  
Technical Manager  
Statutory Fire & Safety  
Southampton Technical Support Office, Marine & Offshore  
For and on behalf of Lloyd's Register Verification  
**LRV EC Distinguishing No. 0038**