



BUNDESAMT FÜR
SCHIFFFAHRT
UND
HYDROGRAPHIE

Notified Body authorised by
BSH 0800-S23/4822:013

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Certificate No: LR25345018MB

Issue Date: 23/01/2026

Expiry Date: 22/01/2031

EC Type Examination (Module B) Certificate

USCG-EU MRA

This is to certify that:

LLOYD'S REGISTER Marine Deutschland GmbH (LRMD), designated as a "notified body" based on the notification of the Federal Maritime and Hydrographic Agency of Germany, 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 Marine Equipment Directive (MED) 2014/90/EU and the valid Commission Implementing Regulation (EU) in force indicating design, construction and performance requirements and testing standards for marine equipment, subject to the conditions below and the attached Schedule which also forms part of this Certificate.

Manufacturer	WesCom Signal & Rescue Spain, S.L.
Address	Camino Mendi S/N, Esquiroz de Galar, Navarra, 31191, Spain
Reference	Marine Equipment Directive (MED) 2014/90/EU, Regulation (EU) 2025/1533
Regulation Item (No. & Item Designation)	MED/1.10 Buoyant Smoke Signals (Pyrotechnics)
Product Type	Buoyant Smoke Signals (Pyrotechnics)
Product Description	Buoyant Smoke Signals (Pyrotechnics)
Specified Standard	SOLAS 74 Reg. III/4, SOLAS 74 Reg. X/3 SOLAS 74 Reg. III/18, 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) VII IMO Res. MSC.97(73)-(2000 HSC Code) 8 IMO MSC.1/Circ.1633 IMO Resolution MSC.81(70) as amended by Resolution MSC.200(80), MSC.226(82), MSC.274(85), MSC.295(87), MSC.321(89), MSC.323(89), MSC.378(93), MSC.427(98), MSC.472(101), MSC.488(103), MSC.544(107), MSC.563(108), MSC.568(109), MSC.580(110) as applicable ISO 15736:2006

Lloyd's Register Marine Deutschland
GmbH, Willy-Brandt-Straße 59-65, 20457
Hamburg, Germany.
A member of the Lloyd's Register group

Lijo Thomas

Fire & Safety - Senior Surveyor
For and on behalf of Lloyd's Register Marine
Deutschland GmbH (2923)

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Row of the Regulation Item Row 1 of 1 of Regulation (EU) 2025/1533

Trade Name KEL

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 This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.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 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 notified body named on this certificate. The manufacturer should notify LRMD of any modification or changes to the equipment in order to obtain a valid Certificate.

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 on 27 February 2004 and amended by Decision No.1/2023 26 May 2023 according to U.S. Coast Guard approval category number:

160.122

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).

Should the specified regulations or standards be amended during the period of validity of this certificate, the product is to be re-approved prior being placed on the market and on board vessels to which the amended regulations or standards apply.

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 and controlled by a written inspection agreement with a notified body.

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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. LR25345018MB

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.

This Certificate Supersedes and is a Renewal of Certificate Number LR21140030MB

Approval Documentation

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

Pirotecnia 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 600305/3 of 21 June 1996.

Instructions of use in English, dated 05/03/2025.

Test Reports

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 following information:
 - Item type or model identification;
 - Relevant functional information (altitude, burn time, candela rating, and others as appropriate);
 - "SOLAS 96" or "IMO LSA Code";
 - "ISO 15736";
 - Name of manufacturer;
 - Month and year of manufacture; and
 - Approval information as per LSA Code, regulations 1.2.2.9
- Each buoyant smoke signal shall have brief instruction or diagram clearly illustrating the use of the buoyant smoke signal printed on its case.
- The buoyant smoke signal shall be permanently marked with the date of expiry. The date of expiry for pyrotechnic lifesaving appliances shall be 36 months from the date of manufacture, except in cases where a maritime administration has approved a longer service life (48 months in case of USCG).

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4. 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.
5. 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.
6. Production tests are to be conducted in accordance with the applicable requirements of IMO Resolution MSC.81 (70), Part 2 & as per requirements of Annexe A of ISO 15736 and be recorded by the manufacturer.
7. Product testing must be performed by a Coast Guard Accepted Independent Laboratory. Production inspections and an annual report must also be completed by the accepted lab and provided to the USCG on an annual basis.
8. Manufacturers shall have in place a manufacturing quality control system sufficient to ensure that series production items are manufactured according to substantially the same production methods, from the same materials and according to the same quality standards as the prototype samples tested for approval.
9. 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 wheelmark cannot be affixed to the product until a conformity assessment module is in place.
10. Each item, batch or lot of the equipment is to be issued with a "Declaration of Conformity" and have the "Mark of Conformity" affixed after a conformity assessment module is in place.
11. The manufacturer shall keep a copy of the EC type-examination certificate, its annexes, and additions together with the technical documentation at the disposal of the national authorities for at least 10 years after the wheel 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.

Place of Production

WesCom Signal & Rescue Spain, S.L.
Camino Mendi S/N
Esquiroz de Galar
31191
Navarra
Spain

Lijo Thomas
Senior Specialist
Fire & Safety, Statutory Discipline Team
UK&I Technical Support Office, Marine & Offshore
For and on behalf of Lloyd's Register Marine Deutschland
LRMD EC Distinguishing No. 2923

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