



See-Berufsgenossenschaft
Prüf- und Zertifizierungsstelle
im BG-PRÜFZERT
European notified body
Identification number 0736

Deutsche Gesetzliche
Unfallversicherung



EC-Type Examination (Module B) Certificate

Certificate-No. **422.006**

Name and address of the applicant: Chemring Marine Limited, 1500 Parkway, Whiteley, Fareham, Hampshire PO15 7AF, United Kingdom

Date of issue: **13.12.2007**

Annex A.1 Item No & Item designation: **A.1/1.3 - Lifebuoys self-activating smoke signals**

Product designation: Combined self-igniting light and self-activating smoke signal

Product Type: **Comet-Article-No. 9 1616 00**

Intended purpose: Light and smoke signal for lifebuoys for heights up to 60 m according to SOLAS Chapt. III Reg. 7.1.3 and LSA-Code section 2.1.3

Testing based on (Specific standard): Resolution MSC.81(70) as amended

Remarks: The type approval tests carried out between 26.03. and 28.03.2001 under the presence of a surveyor of See-Berufsgenossenschaft.

The type tested was found to be in compliance with the Life Saving Appliance requirements of Marine Equipment Directive (MED) 96/98/EC as amended by Directive 2002/75/EC subject to any conditions in the schedule (part of this certificate).

This certificate may only be used in connection with module(s) **D** of this directive.

Expiry date: **31.12.2012**

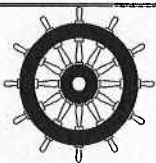
Signature (Lange)

The approval of the installed equipment will be in force beyond the validity date until it is revoked!

Note 1: 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 the notified body named on this certificate.

Note 2: Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply.

Note 3: 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 and controlled by a written inspection agreement with a notified body.



xxxx/yy

Note 4: "Wheelmark" Format

YY Last two digits of year mark affixed.

XXXX Notified Body number undertaking surveillance module

Technical data/approved drawings and additional conditions and remarks:

Additional basis for approval:

- Revised Drawing-No.: 5637/5 g Licht-Rauch-Signal
- Revised Drawing-No.: 5637-1000 h Lichtteil
- Revised Drawing-No.: 5637-2000/4 Rauchkörper
- Revised Drawing-No.: 5637-3000/3 e Einschraubstutzen, komplett

- Test certificate of „Bundesanstalt für Materialprüfung (BAM) Tgb.-Nr. II.3/1730/01.

1.) Marking

The manual has to be according to the See-BG approved muster.

Date of manufacture (month/year) and date of expiry (max. 3 years) is to be marked according to delivery from production place.

A permanent and seawater proof marking with name of manufacturer, type, approval-number and the mark of conformity (see below) and the manual is required.

2.) Quality insurance and production control

This type approval will be only valid in connection with a certified quality system according to module D of the directive 96/98/EC as amended.

The quality control is to be done according to the requirements of the „Bundesanstalt für Materialprüfung“ (BAM) on the basis of Resolution MSC.81(70) Part 2 section 4.

- 3.) The installation on board may be done only with the original device, art. No. 9161400.
A mounting instruction is to be delivered with each product.

Place of Production

Chemring Defence Germany GmbH
Vieländer Weg 147
27574 Bremerhaven
Germany