



EC-Type Examination (Module B) Certificate

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Certificate-No. 424.002

Name and address of the manufacturer: **Drew Marine Signal & Safety Ltd., Langstone Road, Havant, Hampshire PO9 1SA, U.K.**

Date of issue: **31.12.2012**

Annex A.1 Item No & Item designation: **A.1/1.11- Line-throwing appliance**

Product designation: **Line-throwing appliance (pyrotechnics)**

Product Type: **COMET 250 (Article- No.: 9 1604 00)**

Intended purpose: **Equipment according to SOLAS 74 as amended Chapter III**


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

Remarks: **Compliance with SOLAS 74 as amended Chap. III/18,34 and IMO Resolution MSC.36(63), MSC.48(66), MSC.97(73). The type approval tests carried out at 26.03-28.03.2001 under the presence of surveyors of BG Verkehr and BAM (Rep.No.II.3/1730/01).**

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 2011/75/EU subject to any conditions in the schedule (part of this certificate).

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

Expiry date: **31.12.2017**


Signature (Brause)

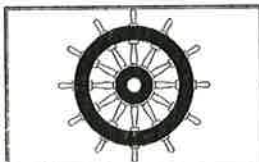


The approval of the installed equipment will be in force beyond the validity date until it is revoked!

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:

1.) Drawings:

drawing no.	rev.	name	BG Verkehr
5636-1000/10	m	Leinenwurfgerät, einzeln	23.02.2011
5636-1100.05/1	f	Schlagbolzen	23.02.2011
5636-1100/12	c	Seilbehälter	23.02.2011
5636-1300/1	c	Seilknäuel mit Stopfen	23.02.2011
5280-2121	a	Treibsatz mit Stirn isolation	14.04.2009

2.) Marking :

The manual has to be according to the muster approved by the BG Verkehr and BAM. Date of manufacture (month/year) and date of expiry (**max. 36 months**) is to be marked delivery of the production place.

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

3.) 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 IMO Resolution MSC. 81(70) Part 2 section 4.

4.) Description: One line-throwing appliance consists of a launching device with projectile and a container with a square synthetic ropes, length 260 m, diameter 4 mm. The rope breaking strength is 4 kN, with knots at least 2 kN.

5.) Requirement: For compliance with SOLAS 74 as amended Chapter III /18 and LSA Code Chapter VII / 7.1.1 - four (4) line-throwing appliances as above mentioned must be stored on board.

State of production:

Drew Marine Signal & Safety Germany GmbH
 Vieländer Weg 147
 27574 Bremerhaven, Germany

End of Document (2/2)

Europäisch notifizierte Stelle: Kennnummer 0736
European notified body: Identification number 0736

12.11.2013

Anlage - Nr. / Annex - No.: 1

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Anlage zur EU-Baumusterprüfbescheinigung mit der Zulassungs-Nr.:
Annex to the EC Type-Examination (Module B) Certificate No.:

424.002

Für das Produkt vom Typ **COMET 250 (Article-Nr. 9 1604 00)**
For the product of type

werden hiermit die folgende(n) Änderung(en) / Ergänzung(en) bekannt gegeben.
the following modification(s) / addition(s) is (are) hereby announced.

Hersteller: Drew Marine Signal and Safety Germany GmbH
Vieländer Weg 147
27574 Bremerhaven, Germany

Manufacturer: Drew Marine Signal and Safety Germany GmbH
Vieländer Weg 147
27574 Bremerhaven, Germany

Prüf- und Zertifizierungsstelle 0736 / Test and Certification Body 0736

Unterschrift / Signature



(Brause)



The approved type with the above certificate number may be further manufactured and sold with the alterations/additions stated above.

The other regulations of the EC-Type Examination Certificate are not affected by this supplement.

This Supplement to EC-Type Examination Certificate will be expired on: **31.12.2017**

END OF DOCUMENT (1/1)