



Transport  
Canada

Transports  
Canada

CERTIFICATE NO.  
CERTIFICAT N° **T.C.002.031.012**

RDIMS : 109305 v8  
File : 8710-10-2

### CERTIFICATE OF APPROVAL

THIS CERTIFIES THAT THE ITEM SPECIFIED HEREIN HAS BEEN APPROVED BY TRANSPORT CANADA, IN ACCORDANCE WITH THE PROVISIONS OF THE CANADA SHIPPING ACT, 2001 AND REGULATIONS MADE THEREUNDER AND SUBJECT TO CONDITIONS SET FORTH ON THE REVERSE SIDE.

### CERTIFICAT D'APPROBATION

LES PRÉSENTES FONT FOI QUE L'ARTICLE MENTIONNÉ DANS LE PRÉSENT CERTIFICAT A ÉTÉ APPROUVÉ PAR TRANSPORTS CANADA, CONFORMÉMENT AUX DISPOSITIONS DE LA LOI SUR LA MARINE MARCHANDE DU CANADA, 2001 ET DE SES RÈGLEMENTS ET SOUS RÉSERVE DES CONDITIONS FIGURANT AU VERSO.

ISSUED TO - TITULAIRE

Drew Marine Signal and Safety Germany GmbH  
Vieländer Weg 147,  
27575 Bremerhaven, Germany

ITEM - L'ARTICLE

**LINE THROWING DEVICE  
LINETHROWER 250  
COMET ART. NO. 9160400 (PLASTIC HOUSING) OR PAINS WESSEX ITEM No. 9502000**

DESCRIPTION

A self-contained line-throwing appliance consisting of a weatherproof plastic casing with end cap, twist-grip trigger assembly, rocket and line. Throwing range of 250 m in calm weather. Line breaking strength of >2 kN.

REMARKS - REMARQUES

1. Approval based on prototype testing carried under the supervision of See-Berufsgenossenschaft under test report dated August 28, 2006, and test certificate of Bundesanstalt für Materialprüfung (BAM) Tgb.-Nr. II.3/1730/01.
2. Complies with SOLAS 74 as amended, Chapter III, MSC 48(66) LSA Code and MSC 81(70) Revised Recommendation on Testing of Life-Saving Appliances.
3. The attached schedule forms part of this certificate.
4. Conditions of approval are specified on reverse side of this certificate.
5. Contingent upon the BGV (BG Verkehr) Type Examination Certificate remaining in force.

This approval supersedes approval number  
La présente approbation remplace l'approbation n°

T.C.002.031.012

dated  
datée du

October 26, 2011

This certificate is not transferable and is effective until  
Le présent certificat ne peut pas être cédé et il est valable jusqu'au

October 31, 2016

unless cancelled or suspended by proper authority.  
à moins d'annulation ou de suspension par l'autorité compétente.

Signed, on behalf of the Minister of Transport by  
Signé, au nom du Ministre des Transports par

November 18, 2013

Date

## **SCHEDULE OF APPROVAL**

### **Design, Drawing and/or Specifications**

Drawing No.  
5636-1300/1  
5636-100/10i  
5636-1100/12b  
5636-1100.03-5

### **Instructions and Markings**

Each unit is to be marked in English and French with the following:

1. Clear and precise operating instruction,
2. Lot Number,
3. Date of manufacture (month/year) and expiry date on the rocket,
4. Manufacturer's name, logo or trademark,
5. Transport Canada approval number.

### **Conditions**

1. The line-throwing appliance Comet or Pains Wessex Linethrower 250 is to be constructed in accordance with manufacturer's drawings listed above and no departure from these drawings shall be made without prior notification to Transport Canada Marine Safety.
2. The manufacturer is responsible that every line-throwing appliance built to this Certificate of Approval corresponds to the approved prototype.
3. Each line-throwing appliance to be supplied with on-board maintenance information, operating instructions and crew training information and instruction suitable for insertion into the ship's on-board training manual in English and French.
4. The line-throwing appliance Comet Linethrower 250 or Pains Wessex Linethrower 250 has to prove satisfactory in service.
5. This certificate may be suspended or cancelled if the manufacturer deviates from any of the conditions described herein without the prior consent of the Board of Steamship Inspection.
6. This approval is given on the understanding that Transport Canada, Marine Safety reserves the right to require check tests to be carried out at any time and that the manufacturer of the equipment mentioned on this certificate will accept responsibility for informing shipowners of proper methods of use, maintenance and the conditions of this approval.

### **Place of Production**

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

### **End of Certificate**