



**U. S. Department of Homeland Security**  
**United States Coast Guard**  
**Certificate of Approval**

Coast Guard Approval Number: 160.022/21/0

Expires: 13 January 2021

FLOATING ORANGE SMOKE SIGNAL

DREW MARINE SIGNAL AND SAFETY GERMANY GMBH  
Vieler Weg 147  
Bremerhaven 27574 GERMANY

Comet Art. No. 9192000 'Smoke Signal, Orange' / Pains Wessex Item No. 953700 'Lifesmoke MK9';  
or Aurora Art. No. 9537050 '3 minute Orange Lifesmoke'.

Meets IMO Lifesaving Appliances Code (Res. MSC.48(66)), and IMO Res. A.689 (as amended  
through Res. MSC.81(70)). Comet/Pains Wessex brands must be marked: 160.022/21/0,  
160.122/21/0, and "SOLAS". Aurora Brand may be marked with only 160.022/21/0.

Identifying Data: CDG GmbH Assembly Drawing No. 5887-3000 (1 sheet) and parts list CMG GmbH  
SOLAS Smoke Signal, orange, 3 min., Art. 9192000, 53700 (3 sheets) marked 3 May 2012 by  
Dienststelle Schiffssicherheit BG, Lab Report (25 pages) from BAM (Bundesanstalt für  
Materialforschung und -Prüfung), Berlin, DE, no 2.3/0423/12, for tests conducted September 14-  
16, 2011.

Manufactured by CMG GmbH, Vieler Weg 147, 27574 Bremerhaven, Germany. Tests and  
inspections conducted by BAM. Production test summary required by 46 CFR 159.007-11 due  
annually in October. Pains Wessex and Comet brands are identical except for markings as  
marketed by Drew Marine Signal Safety Germany GmbH.

Supersedes certificate of approval issued August 3, 2012 to add Aurora brand name, update the  
Pains Wessex Item No., and update manufacturer's address.

\*\*\* End \*\*\*

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies  
with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the  
expiration date hereon unless sooner canceled or suspended by proper authority.



GIVEN UNDER MY HAND THIS 13<sup>th</sup> DAY OF  
JANUARY 2016, AT WASHINGTON D.C.

B. A. BALDWIN  
Chief, Lifesaving and Fire Safety Division  
BY DIRECTION OF THE COMMANDANT

**TERMS:** The approval of the item described on the face of the Certificate has been based upon the submittal of satisfactory evidence that the item complies with the applicable provisions of the navigation and shipping laws and the applicable regulations in Title 33 and/or Title 46 of the Code of Federal Regulations. The approval is subject to any conditions noted on this Certificate and in the applicable laws and regulations governing the use of the item on vessels subject to Coast Guard inspection or on other vessels and boats.

Consideration will be given to an extension of this approval provided application is made 3 months prior to the expiration date of this Certificate.

The approval holder is responsible for making sure that the required inspections or tests of materials or devices covered by this approval are carried out during production as prescribed in the applicable regulations.

The approval of the item covered by this certificate is valid only so long as the item is manufactured in conformance with the details of the approved drawings, specifications, or other data referred to. No modification in the approved design, construction, or materials is to be adopted until the modification has been presented for consideration by the Commandant and confirmation received that the proposed alteration is acceptable.

**NOTICE:** Where a manufacturer of safety-at-sea equipment is offering for sale to the maritime industry, directly or indirectly, equipment represented to be approved, which fails to conform with either the design details or material specifications, or both, as approved by the Coast Guard, immediate action may be taken to invoke the various penalties and sanctions provided by law including prosecution under 46 U.S.C. 3318, which provides:

"A person that knowingly manufactures, sells, offers for sale, or possesses with intent to sell, any equipment subject to this part (*Part B. of Subtitle II of Title 46 U.S.C.*) and the equipment is so defective as to be insufficient to accomplish the purpose for which it is intended, shall be fined not more than \$10,000, imprisoned for not more than 5 years or both."