



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

Coast Guard Approval Number: 160.022/20/0

Expires: 25 October 2017

FLOATING ORANGE SMOKE SIGNAL

DREW MARINE SIGNAL & SAFETY UK LTD
Langstone Technology Park
Langstone Road
Havant, Hampshire P09 1SA
UNITED KINGDOM

Pains Wessex Lifesmoke MK8 / Comet Smoke Signal, Orange, Art. No. 9162000.

Meets IMO Lifesaving Appliances Code (Res. MSC.48(66)), and IMO Res. A.689 (as amended through Res. MSC.81(70)). Must be marked: 160.022/20/0, 160.122/20/0, and "SOLAS".

Identifying Data: G.A. drawing of Lifesmoke MK8 and datasheet, and Evaluation and Test Report Conducted by Federal Administration for the Research and Testing of Materials (BAM) dated June 07, 2006.

Manufactured by PyroPol GmbH, Lippenhorstweg 29, 21514 Hornbek, 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 and marketed by Drew Marine Signal & Safety UK LTD.

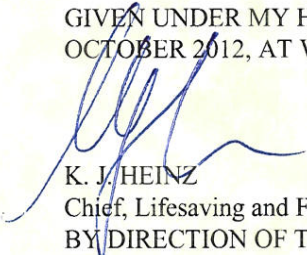
Supersedes previous certificate no. 160.022/20/0 dated July 27, 2012, and reflects new approval holder (previously Chemring Marine Ltd.)

*** 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 25th DAY OF
OCTOBER 2012, AT WASHINGTON D.C.


K. J. HEINZ
Chief, Lifesaving and Fire Safety Division
BY DIRECTION OF THE COMMANDANT



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

Coast Guard Approval Number: 160.122/20/0

Expires: 25 October 2017

THREE MINUTE ORANGE SMOKE SIGNAL (SOLAS)

DREW MARINE SIGNAL & SAFETY UK LTD
Langstone Technology Park
Langstone Road
Havant, Hampshire P09 1SA
UNITED KINGDOM

Pains Wessex Lifesmoke MK8 / Comet Smoke Signal, Orange, Art. No. 9162000.

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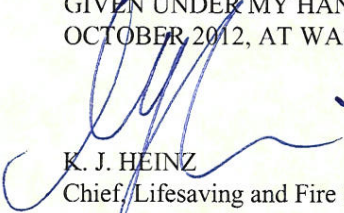
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