



For Immediate Release

## **General Monitors Gas & Flame Detectors Receive DNV-GL and MED Marine Approvals**

*Ideal for FPSO Vessels, Offshore Platforms, Marine Environments*

**LAKE FOREST, CA—March 4, 2015—**[General Monitors](#) announces that its most popular advanced gas and flame detectors now meet the Marine Equipment Directive (MED) for Det Norske Veritas' (DNV) Offshore Standards as well as DNV-GL Type Approval.

MED is the European Directive requiring that gas and flame detectors installed in marine environments be tested to specific standards and inscribed with the “wheel mark” of approval. The wheel mark indicates that the products have passed testing to industry standards and are deemed safe and certified for use in marine applications/environments.

The General Monitors gas and flame detectors that now carry the MED wheel mark include: the FL4000H Multi-Spectrum IR Flame Detector, the S4000CH Combustible Gas Detector, the IR400 Point IR Gas Detector and the IR4000S Single-Point Gas Monitor. They protect people, equipment and offshore facilities worldwide.

To support the needs of its global customer base, General Monitors also has obtained Type Approval for these products to ensure qualification for use in all marine markets. The following products are DNV-GL Type Approved: the FL4000H MSIR Flame Detector, the S4000CH Combustible Gas Detector, the IR400 Point IR Gas Detector, the IR4000S Single-Point Gas Monitor, the IR5500 Open Path Infrared Gas Detector and the Gassonic Observer-i Ultrasonic Gas Leak Detector.

DNV-GL is the world's leading ship and offshore classification society, the leading technical advisor to the global oil and gas industry and a leading expert for the energy value chain including renewable and energy efficiency. It is one of the top three certification bodies in the world. DNV-GL approval assures General Monitors' customers that its gas and flame detectors have been independently tested and found to meet the highest industry standards while supporting the values of safeguarding life, property and the environment.

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The Model FL4000H Multi-Spectrum IR Flame Detector is an advanced multi-spectrum infrared (MSIR) flame detector. It is designed to provide superior false alarm immunity with the widest field of view for superior protection.

The S4000CH Combustible Gas Detector is a microprocessor-based transmitter designed for use with General Monitors' catalytic bead sensors. The Model IR400 Infrared (IR) Point Detector is a hydrocarbon gas detector that continuously monitors combustible gases and vapors within the lower explosive limit (LEL) and provides alarm indication. The Model IR4000S Single-Point Monitor is a display and user interface for the IR400 IR Point Gas Detector.

The Gassonic Observer-i Ultrasonic Gas Leak Detector instantly detects pressurized gas leaks. It features artificial neural network (ANN) technology that distinguishes real gas leak noise from background noise to prevent false alarms.

Founded in 1961, General Monitors (an MSA company) is a global leader in gas and flame detection technologies. The company offers the industry's widest selection of the most advanced fixed gas and flame detectors. Whether the requirement is single-point gas and flame detection or a large multi-point integrated safety monitoring system, General Monitors provides the solution with a single-point of responsibility for total project management.

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