

19 May 2005

# PRESS RELEASE

## **NEXT GENERATION ULTRASONIC GAS LEAK DETECTOR IN PLACE IN THE NORTH SEA**

Less than six months after the introduction of the next generation of ultrasonic gas leak detection, the **patent pending Gassonic Observer** from Danish manufacturer Gassonic has been successfully installed on several platforms in the North Sea.

Emphasising a successful worldwide introduction, the new gas leak detector has also been implemented into projects on a variety of land-based facilities in countries such as USA, Germany, and New Zealand.

One of the main features of the Gassonic Observer is a unique built-in acoustic self test function that ensures failsafe operation. This means that the detector actually verifies its functionality by emitting a leak like sound in short intervals, thus ensuring that it will instantly pick up a possible disastrous leak. The detector is designed to resist the harsh environmental conditions found in offshore ATEX and UL environments. It comes with a 4-20 mA analogue output and RS485 serial digital communication interface. It is virtually maintenance free.

The new detector is based on the same general principles that have proved the ultrasonic gas leak detection technology to be a highly effective and reliable detection method. That means that unlike traditional point and open path sensors, it is unaffected by changing wind directions and fast dilution of the gas. It doesn't wait for the gas to build up a dangerous concentration. Instead it reacts instantly to the distinct ultrasonic noise that high-pressure gas leaks make. The ultrasonic leak detectors will detect 0.1 kg/s gas leaks in a radius of up to 12 metres.

The Danish manufacturer Gassonic has been developing and marketing ultrasonic gas leak detection for almost a decade now and the company has years of experience assisting customers during mapping and commissioning of plants/platforms to ensure optimal detector positioning and verification of the system performance. For more information and a full reference list please visit [www.gassonic.com](http://www.gassonic.com).

**GASSONIC A/S**  
Energivej 42 A  
DK-2750 Ballerup  
Denmark  
Tel +45 44 700 910  
Fax +45 44 700 911  
mail@gassonic.com  
www.gassonic.com