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**NEWS RELEASE**

**FUGRO OCEANOR WINS CONTRACT FOR MALAYSIA'S TSUNAMI DETECTION SYSTEM**

The tragic consequences of the tsunami that struck in the Indian Ocean on 26 December 2004 have acted as a major eye opener to countries vulnerable to similar disaster. As a result, urgent efforts are being made to establish early warning systems to reduce, or minimise, the impact of future tsunamis.

Accordingly, Malaysia has taken the initiative to implement a tsunami detection system comprising three buoys and a number of automatic tidal stations.

From a distance of about 200 km from the coastline, a seabed-mounted pressure sensor, will continuously communicate water pressure data to a surface anchored buoy through an acoustic transmission link. As a tsunami is detected an alarm will be activated and transmitted via satellite to the operational warning centre. This enables a warning to be communicated to the population well before the tsunami hits the coast.

In addition, a number of automatic tidal stations will be installed along the Malaysian coast to complement the newly installed buoy detection system.

Astronautic Technology Sdn Bhd, the appointed solution provider to the Malaysian Government, has been working closely with Fugro OCEANOR, part of Fugro Global Environmental and Ocean Services (GEOS), in establishing the tsunami detection system.

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**About Fugro OCEANOR**

Fugro OCEANOR, part of Fugro Global Environmental and Ocean Services (GEOS), has for many years engineered, manufactured and implemented marine monitoring and surveillance systems under the SEAWATCH name, and has demonstrated its capability in South-East Asia and elsewhere around the globe, showing graphically that it possesses the technology and know-how necessary to provide important, cost-effective contributions to establishing systems for tsunami detection purposes.

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## NEWS RELEASE

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<p>OCEANOR SEAWATCH buoy systems installed in the waters off countries such as Spain, Greece, Thailand, India, Vietnam, Indonesia, South Africa and Peru have formed parts of the regional networks of GOOS (Global Ocean Observing System) for many years. This involvement was strengthened during 2004 when, with the assistance of Fugro OCEANOR, the operators and owners of these SEAWATCH systems formed a forum called the SEAWATCH Partnership. For tsunami warning purposes, the current SEAWATCH system is easily upgraded, as will be the case off Malaysia.</p>
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