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NEWS RELEASE

FSM AWARDED ON-LINE MONITORING SYSTEM CONTRACT FOR EAST ESPOIR PLATFORM

Fugro Structural Monitoring (FSM) was awarded a contract to supply a permanent monitoring system for the Ivory Coast's East Espoir platform for CNR International, as a result of a study carried out on the dynamic behaviour of the platform.

The purpose of the on-line monitoring (OLM) system, which has an anticipated installation of Mid October 2005, is to measure motions of the East Espoir wellhead platform and verify the continuing integrity of the structure.

The OLM comprises accelerometers deployed on the platform to measure motions in the NS and EW directions. In addition, a WaveRadar is included in the system to evaluate wave height/displacement relationships.

The OLM System can be used for:

- Design verification for new installations
- Structural integrity confirmation after storm or seismic events.
- Early warning system for structural or Foundation defects.
- Unmanned platform collision detection.

Data from the sensors is recorded and analysed by a computer system to determine the natural frequencies of the platform. A change in a natural frequency can indicate member severance or a weakening of the foundation.

As the equipment will be operated in a marine, tropical climate, it has been designed to operate with an air temperature of up to 45°C.

The award of this new contract marks the continuation of the long-term relationship built with CNR in the North Sea where monitoring systems are operated on the Ninian South and Murchison platforms.

Further information on OLM and on Fugro Structural Monitoring is available from www.fugro.co.uk

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Notes for Editors:

- Fugro Structural Monitoring is a specialised engineering consultancy, which undertakes the measurement and analysis of structures in-service. From system design, manufacture, installation through to data analysis and consultancy, it is able to offer a quality assured service to provide clients with the structural information they require. The measurement of offshore structures for the oil and gas industry has been undertaken by Fugro Structural Monitoring for many years. The determination of the response of the structure to influences, such as the environmental loading or structural modification, can provide important information, which can assist in the verification of the design, long-term structural integrity assurance and to improve the operating parameters for the structure. All of which will provide the opportunity for significant cost savings. Further information from www.fugro.co.uk