

## Scripps chooses HYDRINS for Roger Revelle



*Roger Revelle vessel*

The Scripps Institution of Oceanography, based in San Diego, California, USA, has chosen IXSEA technology for a key aspect of its marine survey activities.

The Institute has fitted a HYDRINS inertial navigation system (INS) to its research vessel Roger Revelle to provide information about the motion and position of the vessel when gathering multibeam sonar data.

Rick Morton, IXSEA's North American Sales Manager-Geosciences, said "This is repeat business with one of the world's best-known oceanographic organisations. The new HYDRINS is a replacement for an earlier unit and incorporates several subtle performance enhancements, the result of a continuing equipment development program at IXSEA. On this occasion the unit was supplied by our sales agent in California, Ocean Innovations."



*HYDRINS Inertial Navigation System*

Based on Fibre-Optic Gyroscope technology, HYDRINS is a compact, high-performance INS that has been optimized for use in conjunction with multibeam echosounding equipment. Designed to cope effectively with GPS drop-outs and multipath effects, it delivers accurate position, attitude and velocity data in real time.

Alternatively, HYDRINS raw data can be post-processed using IXSEA's purpose-designed DELPH INS software.

### **About IXSEA**

Founded in 2000, IXSEA designs and manufactures navigation and positioning systems based on its state-of-the-art Fibre Optic Gyroscope technology, along with a complete range of mapping systems, software suite and acoustic releases for the scientific, civil engineering, offshore and defense industries. Solutions are designed for sea, land and air applications.

IXSEA has more than 400 clients over five continents and a turnover of €35 million in 2009.

### **About Scripps**

Scripps Institution of Oceanography is one of the oldest, largest, and most important centers for ocean and earth science research, education, and public service in the world. Research at Scripps Institution of Oceanography encompasses physical, chemical, biological, geological, and geophysical studies of the oceans and earth.

### **For more information, please contact:**

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