

Deepwater Autonomous Underwater Vehicle by Oceaneering, Boeing, and Fugro Enters Service

April 7, 2003 – Houston, Texas – Oceaneering International, Inc. (NYSE:OII), Boeing (NYSE:BA) and Fugro N.V. (AEX:FUGR) announced that the jointly developed *Echo Ranger*, an unmanned autonomous underwater vehicle (AUV) that performs deepwater surveying, has entered service for clients in the Gulf of Mexico. The three companies have formed an alliance to provide deepwater AUV survey services around the world employing this new system.

Echo Ranger operates in water depths to 3,000 meters (10,000 feet) and is a more cost effective alternative for gas, oil, and telecommunications companies seeking to collect deepwater “swath” bathymetry, survey natural and man-made seafloor features, and profile sub-bottom marine sediments. In contrast to a traditional towed survey system that requires the use of a long umbilical cable to transmit information back to a tow-vessel, *Echo Ranger* internally stores data from the various survey sensors for download upon vehicle recovery. In addition, for real-time data observation and quality control, the *Echo Ranger* can also transmit survey data back to the mother ship through the water column by use of an on-board acoustic modem. A similar modem arrangement is used to send operating instructions to the vehicle and to receive critical feedback on system performance.

The *Echo Ranger* builds on research and development performed by Boeing in support of the Long-Term Mine Reconnaissance System (LMRS), a contract that calls for an unmanned autonomous vehicle that will enable the U.S. Navy to clear mines from shipping routes. Fugro, a world leader in offshore survey services, developed the survey sensor payload, seafloor positioning, and data analysis systems. Oceaneering, one of the leading manufacturers and operators of remotely operated underwater vehicles, developed the launch and recovery and shipboard services systems. Both Fugro and Oceaneering have worldwide bases of operation from which the AUV can be supported.

For further information, please contact:

Fugro: Thomas K. Hamilton	phone: (713) 369-5815	thamilton@fugro.com
Boeing: Diana Ball	phone: (562) 797-5863	Diana.ball@boeing.com
Oceaneering: Joseph F. Wadsworth	phone: (832) 467-7837	jwadsworth@oie.oceaneering.com

Oceaneering is an advanced applied technology company that provides engineered services and hardware to Customers who operate in marine, space, and other harsh environments. The Company’s services and products are marketed worldwide to oil and gas companies, government agencies, and firms in the telecommunications, aerospace, and marine engineering and construction industries.

PR 846

