



San Diego, February 15, 2005

## **WOOLPERT AND FUGRO PELAGOS MAP YAKIMA RIVER FOR BUREAU OF RECLAMATION**

**Woolpert, Inc., and Fugro Pelagos, Inc., recently completed an industry-leading bathymetric LIDAR survey of the Yakima River for the United States Department of the Interior Bureau of Reclamation.**

The project involved the acquisition and processing of Airborne LIDAR Bathymetry data along approximately 16 miles of the Yakima River near Ellensburg, Washington. It represented the first time that Airborne LIDAR Bathymetry technology had been used successfully to map a shallow-water river environment. Sounding data were acquired from 0m through the maximum river depth of 3m.

While airborne LIDAR bathymeters have been used on deep-water coastal mapping projects for over a decade, the project team used the latest-generation technology available, SHOALS-1000T, to collect bathymetry data in the river's shallow, clear-water environment. This approach provided river engineers with a complete representation of the river channel and floodplain, enabling them to study hydraulic conditions as they relate to fish habitat, sediment transport, flooding and levee configuration.

Woolpert and Fugro Pelagos have since teamed to provide similar data acquisition and processing services for the Bureau of Reclamation on the Trinity River in northern California.

NEWS RELEASE



## About Fugro:

**Fugro Pelagos, Inc. is a member of the international Fugro group of companies. Fugro collects, processes and interprets data related to the earth's surface and soil composition and provides advice based on the results. As an extension to these activities, Fugro provides services such as precise positioning, construction materials testing, reservoir engineering and data management. Fugro's operations have been organized into three divisions: Geotechnical, Survey and Geoscience. Fugro has over 275 offices, more than 7,000 staff and a permanent presence in over 50 countries.**

## About Woolpert:

**Woolpert LLP, ranked by ENR as a top national design firm, is a professional engineering and architecture consulting firm providing expertise in facility design and management, GIS, photogrammetry, planning and design, site / civil design, surveying / global positioning systems, transportation and water management.**

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For further information and / or for a selection of images in support of this announcement, please contact:

Anna Robinson  
+1 858 427 2017  
e-mail: [arobinson@fugro.com](mailto:arobinson@fugro.com)

Fugro Pelagos, Inc.  
3738 Ruffin Road  
San Diego, California  
92123, USA  
Tel:+1 858 427 2005  
Fax:+1 858 292 5308  
[www.fugro-pelagos.com](http://www.fugro-pelagos.com)  
[www.fugro.com](http://www.fugro.com)

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