

FOR IMMEDIATE RELEASE

TSX Venture Exchange symbol: FOX

**Oil Industry Veterans from ConocoPhillips and Acuren
Join FOX-TEK Board of Directors**

Influential Board Members See Sensors as Critical Integrity Management Advancement

TORONTO, Ontario (February 6, 2007) - – Fiber Optic Systems Technology, Inc. (“FOX-TEK”), (TSX-V: FOX), a developer of patented non-intrusive sensing systems today announced that Mr. Kenneth Stankievech and Mr. Thomas O. Miesner have joined the Board of Directors. The appointments of Mr. Stankievech, President of the Acuren Organization and Mr. Miesner, formerly of ConocoPhillips and founder of Miesner LLC, bring significant industry-wide consulting and operating experience as FOX-TEK continues moving forward with commercial implementation of its highly-accurate sensing systems.

Mr. Stankievech is the founder and President of the Acuren Group of companies where he has spent the past 35 years building the Acuren organization into the largest materials engineering and testing company in the world, employing more than 2,500 engineers and testing personnel located at over 70 domestic and international offices. In addition to his responsibilities at Acuren, Mr. Stankievech is also the managing director responsible for technology advancement and business development for the parent company Rockwood Service Corporation.

Mr. Miesner is the founder of Miesner LLC, which provides expert consulting services to oil and gas pipeline industries and their myriad of stakeholders. A widely-regarded pipeline expert and author of the book, *“Oil and Gas Pipelines in Non-technical Language,”* Mr. Miesner is a 25-year veteran of Conoco Pipe Line Co., where he held multiple engineering, operations, joint-venture, business development and executive positions including serving as company president for six years. Mr. Miesner also has significant experience in the pipeline regulatory arena, both safety and economic, having served on a number of pipeline safety work groups and regulatory task teams.

“Having worked with some of the largest oil and gas pipeline and oil processing companies in the world, we’re fully aware of the need for companies to take a more proactive approach to preventing pipeline corrosion outbreaks,” said Mr. Kenneth Stankievech, board member of FOX-TEK. “As a strategic partner and now a member of the board, I hope to serve as an evangelist about the benefits of FOX-TEK as a new pipeline integrity solution.”

“Pipeline companies understand the imperative of robust integrity management programs as they continually strive to meet stakeholder expectations” said Mr. Tom Miesner, board member of FOX-TEK. “Technology advances play important roles in meeting these ever increasing expectations. Consequently I look forward to working

with FOX-TEK in ways that help the oil and natural gas pipeline industries continue improving their safety, environmental performance, efficiency, and supply reliability.”

“The appointment of these well-respected industry veterans adds two very distinct and valuable levels of expertise to our board,” said Dr. Essam Zaghoul, President and CEO of FOX-TEK. “Mr. Stankievecch brings a wealth of industry-wide engineering consulting knowledge to the table and Mr. Miesner provides an unmatched breadth of experience working in the pipeline industry and understanding the needs of plant operators. As the demand for our corrosion monitoring system increases, their insight will be invaluable to help move forward the next phase of our development.”

FOX-TEK also announced that Mr. Douglas Young has stepped down from his post on the board of directors effective February 6, 2007 and will become a member of FOX-TEK’s advisory board. The company would like to thank him for all his efforts and contributions, which helped to bring FOX-TEK to its current level of success and look forward to Mr. Young’s continued participation as a member of the advisory board

On February 6, 2007, the new directors of FOX-TEK have each received a grant of 100,000 options and Mr. Young received a grant of 10,000 options. FOX-TEK granted 200,000 options to officers of the company on January 31, 2007. All of these options have a term of 5 years and an exercise price of \$1.35, being the closing price of the FOX-TEK shares on both January 30 and February 5, 2007. The grant of 55,000 options to Mr. Young on June 28, 2006 have been cancelled on mutual agreement of FOX-TEK and Mr. Young.

About Fiber Optic Systems Technology

Fiber Optic Systems Technology, Inc. "FOX-TEK" provides non-intrusive sensor systems to the oil and gas market to monitor the thinning of pipelines and refinery vessels due to corrosion/erosion, strain due to bending/buckling, and process pressure and temperature. FOX-TEK’s FT fiber optic sensor and Pinpoint systems allow cost-effective, 24/7 remote monitoring capabilities to improve scheduled maintenance operations, avoid unnecessary shutdowns, and prevent accidents and leaks.

FOX-TEK has offices in Toronto, Calgary and Houston. For more information, visit www.fox-tek.com.

This press release contains forward-looking statements based on assumptions, uncertainties and management’s best estimates of future events. Actual results may differ materially from those currently anticipated. Investors are cautioned that such forward-looking statements involve risks and uncertainties. Important factors that could cause actual results to differ materially from those expressed or implied by such forward-looking statements are detailed from time to time in FOX-TEK’s periodic reports filed with the Ontario Securities Commission and other regulatory authorities. FOX-TEK has no intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

The TSX Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this press release.

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