

FOR IMMEDIATE RELEASE

TSX Venture Exchange symbol: FOX

Super-Major Chooses FOX-TEK Pinpoint System to Monitor Critical Gas Pipeline

Remote Monitoring System Marks Continued Global Adoption of FOX-TEK's Technology by Oil & Gas Super-Majors & Majors

TORONTO, Ontario (Aug. 30, 2007) – Fiber Optic Systems Technology, Inc. (“FOX-TEK”), (TSX-V: FOX), a developer and manufacturer of patented non-intrusive sensing systems, today announced a breakthrough first sale of a PinPoint corrosion monitoring system to a Super-Major energy company headquartered in Europe. A PinPoint System will be installed on a new section of a key gas production pipeline in Western Canada, and FOX-TEK will supply ongoing analysis information.

The FOX-TEK PinPoint system will continuously monitor wall thickness and lack of corrosion pitting in the pipeline. The line delivers large volumes of high-sulphur-content natural gas from wellheads in one of the company’s fields, to the company’s gas plant. As part of the firm’s proactive approach to pipeline integrity, FOX-TEK will remotely monitor the pipeline for indications of any pitting corrosion – a risk present whenever pipelines carry high sulphur content gas.

“By gathering data remotely, we’ll be able to help our client reduce their inspection costs at this site while providing timely analysis that can help them optimize their preventative maintenance programs,” said Eric Kubian, Director of EFM Technology for PinPoint FOX-TEK.

“As a long-time leader in worldwide exploration, production, transportation, and retailing, this Super-Major has a worldwide reputation of carefully evaluating and implementing only the most promising technologies to maintain the integrity and safety of its assets and operations.” said Dr. Essam Zaghoul, FOX-TEK’s President and CEO. “We expect that similar to our other clients they will be impressed by the performance of the PinPoint system and will quickly appreciate the significant cost benefits. We are delighted to start a commercial relationship with this Super-Major and hope that other proposals under review will move ahead.”

About FOX-TEK:

Fiber Optic Systems Technology, Inc. "FOX-TEK" develops non-intrusive asset health monitoring sensor systems for the oil and gas market to help operators track 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, ON, Calgary, AB, Houston, TX, and Al-Khobar, Saudi Arabia. FOX-TEK is traded on the TSX Venture Exchange under the symbol “FOX”. 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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