

FOR IMMEDIATE RELEASE

TSX Venture Exchange symbol: FOX

Two More PinPoint Systems Monitor Sour Gas Pipelines for Major Oil Company
Online System Provides Daily Measurements of Pipeline Integrity at More Sites

TORONTO, Ontario (February 4, 2009) – Fiber Optic Systems Technology, Inc. (“FOX- TEK”), (TSX-V: FOX), a developer and manufacturer of patented non-intrusive sensing systems, today announced the sale of two more PinPoint Internal Corrosion Monitoring Systems to a global integrated oil and gas client. The repeat order from this client is part of a large scale pipeline rehabilitation program. FOX-TEK will be monitoring the integrity of these high sour content gas pipelines around their full circumference. Several important technological innovations were developed by FOX-TEK as part of these new installations in Southern Alberta.

Sam Cauchi, Director of Sales for North America said, “Our client tells us that the installation of these two PinPoint systems by FOX-TEK plays a central role in restarting their sour gas gathering system operations. The locations are in high risk areas, and it has been mandated that the pipeline be restarted with a reliable integrity management plan in place. As an added benefit, our client will have 24/7 access to the status of their pipelines securely over the internet, thanks to our new DMAT Web online data display”.

Sean Carr, Interim President & CFO of FOX-TEK said, “This project provided FOX-TEK with the opportunity to develop a new solution for industry by collaborating with an existing client. These new systems are designed to monitor internal axial defects with great sensitivity and precision, while providing a full 360° view of the inside of the pipeline over a substantial length. This project demonstrates our ability to provide high end, economical solutions to our clients that deliver immediate benefits.”

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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