

FOR IMMEDIATE RELEASE

TSX Venture Exchange symbol: FOX

FT System Being Installed on Three New Pipelines for Birchcliff Energy
Fiber Technology Helps Manage Risk Due to Ground Movement

TORONTO, Ontario (January 24, 2008) – 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 a pipeline strain monitoring system to Birchcliff Energy Ltd.

Installation of FOX-TEK’s FT strain monitoring system is being performed by FOX-TEK’s Field Service team in Alberta on three of four newly constructed gas pipelines. The new pipelines are being monitored to detect possible strain due to post-construction ground movement. Due to concerns regarding the stability of the soil, Birchcliff has decided to periodically monitor the strain state on these critical assets using a portable FT 3410 Sensor Monitor. Dr. Zaghoul commented, “Taking a proactive approach to integrity management on this project will allow Birchcliff to intelligently manage its operational risk and reduce costs. By installing this system during the final stages of construction, when there is ready access to the pipelines, Birchcliff will reduce its costs and avoid additional digging costs in the future.”

Mr. Sam Cauchi, Director of North American Sales said “The winter season is when much field work is done out West. FOX-TEK is pleased to be able to respond quickly on this project and meet the client’s deadlines. We are happy to have Birchcliff as a new client.”

“The first quarter is really shaping up well for us”, said Dr. Essam Zaghoul, FOX-TEK President and CEO. “We are taking FOX-TEK to a new level of success in 2008. We are pleased that our FT system is being recognized for its technical merits and is gaining more and more acceptance in the industry.”

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; Montreal, QC; 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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