

FOR IMMEDIATE RELEASE

TSX Venture Exchange symbol: FOX

FOX-TEK Installs FT System at Five Sites for Alberta Pipeline Company
Pipeline Bending Monitoring at High Consequence Areas in British Columbia

TORONTO, Ontario (September 11, 2008) – Fiber Optic Systems Technology, Inc. (“FOX-TEK”), (TSX-V: FOX), a developer and manufacturer of patented non-intrusive sensing systems, today announced the second sale of a FT Pipeline Bending Monitoring System to a client headquartered in Calgary. FOX-TEK has installed and commissioned five sites for the owner / operator in British Columbia. This system uses FT fiber optic strain gages at all five of the sites to monitor pipeline deformation; and a portable, battery-powered sensor monitor to acquire and log the data.

Sean Carr, Interim President & CFO of FOX-TEK said, “FOX-TEK is committed to providing rapid and accurate data that will help support a quick response. Our engineers will analyze the data acquired by our client at all five sites and alert the operator of any significant deformation. This installation further illustrates our client’s commitment to public safety through the monitoring of high consequence areas.”

FOX-TEK would also like to correct the August 26, 2008 press release regarding the grant of a total of 660,000 options to the directors. The effective date for this grant was reported as August 12, 2008 instead of the actual effective date of September 10, 2008. The options vest in six equal quarterly installments and expire five years from the date of grant. The number and price of the options remain the same as previously reported.

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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