

FOR IMMEDIATE RELEASE

TSX Venture Exchange symbol: FOX

PinPoint System Monitors Internal Pitting Corrosion in a High Pressure Pipeline
Online System Provides Daily Measurements of Pipeline Integrity

TORONTO, Ontario (April 03, 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 a welded PinPoint Internal Corrosion Monitoring System to a global integrated oil and gas client. The recently installed system is monitoring the integrity of a high pressure oil pipeline section which showed multiple internal corrosion pits during a prior routine in-line inspection. This order adds to one of the several PinPoint installations done by FOX-TEK in the Alberta region.

Sam Cauchi, Director of Sales for North America said, “Our client tells us that this FOX-TEK PinPoint system plays an important role in allowing them to operate this pipeline section at maximum capacity while ensuring the safety of the public at the same time. The client required a quick turnaround from order to installation and FOX-TEK delivered by completing all the work within two weeks of receiving “go-ahead” from the client. The locations are in high risk areas, and the pipeline regulators required a reliable integrity management plan be in place during operations. As an added benefit, our client will have 24/7 access to the status of their pipeline securely over the internet, thanks to our new DMAT Web online data display”.

FOX-TEK also announced that Sean Carr was formally appointed the President & CFO of FOX-TEK by the Board of Directors.

About FOX-TEK:

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; and Calgary, AB; 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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