

FOR IMMEDIATE RELEASE

TSX Venture Exchange symbol: FOX

New PinPoint FOX-TEK Products Address Refinery Market

Portable Monitor Adds to High Temperature Corrosion Monitoring Capabilities

TORONTO, Ontario (September 12, 2007) – Fiber Optic Systems Technology, Inc. (“FOX-TEK”), (TSX-V: FOX), a developer and manufacturer of patented non-intrusive sensing systems, today announced the fall release of two new products in the PinPoint FOX-TEK lineup adding the capability to monitor corrosion in refineries and other markets where high temperatures are present.

Eric Kubian, Director of EFM Technology for PinPoint FOX-TEK said, “We’ve developed a portable monitoring instrument based on our successful remote data acquisition platform. We’ve also broadened our Electric Field Mapping (EFM) sleeve line to include welded pins. Together, these new products let us put permanent corrosion monitoring sensors onto refinery or process plant piping that is up to 1000°F and take readings frequently, to ensure safe operation.” Mr. Kubian continued, “The portable monitor and high temperature sensor sleeve really let us address a huge part of the corrosion monitoring market we hadn’t tapped into before.”

The introduction of the portable EFM monitor this fall brings an added bonus to PinPoint FOX-TEK’s capabilities. Now FOX-TEK can revive sites where clients have prior generation EFM-type systems installed and are no longer receiving data. This backward compatibility gives FOX-TEK the opportunity to add real value to client’s integrity management programs.

Dr Essam Zaghoul, president and CEO of FOX-TEK said, “These new products are a tremendous addition to the PinPoint suite. We’re now able to provide clients in the important petrochemical, oil and gas, and other areas with cost effective ways to track corrosion problems in “hot” and hard to reach areas.

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, Mexico City, Mexico, 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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