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TSX Venture Exchange symbol: FOX

## **FOX-TEK SIGNS FIRST COMMERCIAL CONTRACT WITH ENBRIDGE PIPELINES INC.**

**TORONTO, ON (December 14, 2005)** – Fiber Optic Systems Technology, Inc. (the “Company” or “FOX-TEK”), a developer of patented fiber optic sensing products, announced today that it has signed its first commercial contract with an oil and gas company. The contract with Enbridge Pipelines Inc. calls for FOX-TEK to install its FT System on Enbridge’s largest pipeline in Canada.

Gary Jolly, FOX-TEK’s President and CEO said “Enbridge was one of the first customers to participate in a pilot project with FOX-TEK, and we are pleased that they have chosen to make a commercial order. We anticipate that the contract with Enbridge is the beginning of broader market commercialization of FOX-TEK’s system in 2006.”

The immediate order with Enbridge involves the placement of a new FT 3400 Series System on one discrete site in Enbridge’s vast pipeline network. Enbridge will utilize FOX-TEK’s non-intrusive monitoring system to capture minute changes in pipeline wall thicknesses that indicate the presence of corrosion. Under terms of the contract, FOX-TEK will also provide ongoing analysis of the data produced by the monitoring.

Located in Canada and the U.S., Enbridge operates the world's longest crude oil and liquids pipeline system.

### **About Fiber Optic Systems Technology**

Established in 2000, FOX-TEK has developed patented fiber optic sensing products that deliver a cost-effective solution for companies to continually monitor their critical infrastructure. The company’s primary market is the global oil and gas industry, for the monitoring of pipelines and refineries. In addition to its monitoring systems, FOX-TEK delivers a full range of professional services to its customers, including engineering design services, training, supervision of on-site installation and turnkey fiber optic sensing systems. FOX-TEK is headquartered in Toronto, Ontario and is traded on the TSX Venture Exchange under the symbol “FOX”.

This press release contains forward-looking statements based on assumptions, uncertainties, and managements’ 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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