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FOR IMMEDIATE RELEASE

ISSYS, Inc., Receives Phase I SBIR Grant from U.S. Army for MEMS-based Fuel Lubricity Meter

YPSILANTI, MICH., Jan. 20, 2005 -- Integrated Sensing Systems, Inc. (ISSYS) announced today that it has won a Small Business Innovation Research contract from the U.S. Army Tank-automotive Armaments Command (TACOM). The six-month project, entitled "Microlubricity Test System for Fuel Evaluation," will develop a new sensing system capable of quickly and accurately measuring fluid lubricity using MEMS technology patented by ISSYS. Similar MEMS technology from ISSYS has already been used to produce density, specific gravity and chemical concentration meters.

Lubricity testing is used extensively to evaluate motor oils and low-sulfur diesel fuels. Variations in lubricity lead to premature engine wear and failure. Conventional methods of testing can take several weeks to complete and can cost more than \$25,000 for a full analysis. According to Dr. Douglas Sparks, ISSYS' executive vice president, "ISSYS' novel approach offers the ability to measure lubricity much faster (in minutes) and for much lower cost. It also requires thousands of times less liquid than previous techniques. This is the first time that microfluidic technology has been applied to measuring lubricity."

Congress established the Small Business Innovation Research Program in 1982 to encourage innovation and creativity among small businesses in order to develop technologies for private sector and government use. TACOM is an active participant in the SBIR Program, see: <http://contracting.tacom.army.mil/research/sbir/sbirwebs.html>.]

About ISSYS: ISSYS is a leader in advanced micromachining technologies for medical devices, microfluidic and scientific analytical sensing applications. Founded in 1995 by world-renowned leaders in MEMS technology, ISSYS is one of the oldest independent MEMS companies in the United States. ISSYS operates a multi-million-dollar, state-of-the-art MEMS fabrication facility near Ann Arbor, Michigan. An ISO 9000:2001 certified organization, ISSYS is a vertically integrated company dedicated to developing and manufacturing system-level products based on MEMS technology (MEMS Inside). For more information, visit:

<http://www.mems-issys.com/>.

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