

## **PRESS RELEASE**

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### **NEW LOW FREQUENCY SENSOR INCREASES ACCURACY, REDUCES COST OF UNDERGROUND MAPPING**

*Omnidirectional, wider bandwidth than geophones,  
a fraction of the cost of MEMS devices*

Jersey City, NJ, November, 2009 – MET Tech, Inc. ([www.mettechnology.com](http://www.mettechnology.com)) has introduced a radically new type of seismic sensor with much greater accuracy than geophones at a fraction of the cost of Micro-Electro-Mechanical Systems (MEMS).

“Unlike traditional electromechanical devices, which use solid inertial mass as their sensing element, the new METLF1040 features a liquid electrolyte inertial mass that eliminates the need for delicate springs and other precision mechanical parts,” says Jacob Bindler, CEO of MET Tech, Inc.

A typical low frequency sensor weighs 2-7 pounds, works in only one direction (horizontal or vertical), costs upward of \$1000, is very fragile and often must be returned to the manufacturer for recalibration. “In contrast, the new METLF1040 sensor weighs less than a pound, works in any direction, is rugged and does not need adjustments or scheduled repairs over its expected lifetime,” says Bindler. “In addition, it is priced at only \$585 in commercial quantities.”

The new METLF1040 was introduced at the annual conference of the Society of Engineers & Geophysicists in Houston, TX. Additional models with broader seismic capabilities are planned for introduction during the third quarter of 2010.

MET Tech, Inc. is an early stage company based in Jersey City, NJ that has developed a line of inertial sensors based on Molecular Electronic Technology (MET), including linear and angular

accelerometers as well as gyroscopes. The new METLF1040 is the latest addition to the product line. For additional information, call MET Tech at (201) 434-6000 or e-mail [info@mettechnology.com](mailto:info@mettechnology.com).

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Caption: The new MWTLF1040 low frequency seismic sensor featuring a unique liquid electrolyte inertial mass offers greater accuracy than geophones at a fraction of the cost of electromechanical devices.

Note to Editor: Photo available upon request.