



NEWS

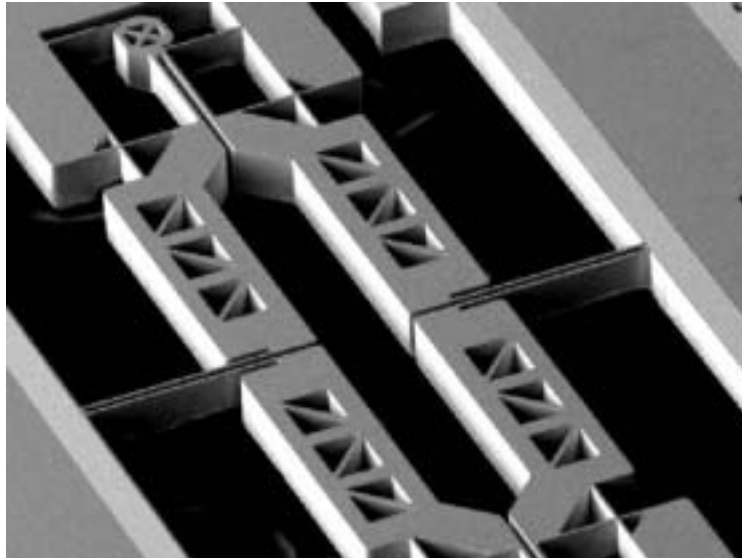
Innovative Micro Technology
75 Robin Hill Road, Santa Barbara, CA 93117 • Ph: 805-681-2800 • Fx: 805-967-2677
Contact: Monte Heaton, 805-681-2852, monte@IMTMEMS.com

FOR IMMEDIATE RELEASE

IMT PARTNERS WITH L-3 COMMUNICATIONS

FOR MEMS-BASED INERTIAL MEASUREMENT UNIT

Santa Barbara, CA, 2 October 2002 –
Innovative Micro Technology (IMT) of Santa Barbara, CA today announced that it has secured a contract in excess of \$1.3 million with L-3 Communications, Interstate Electronics Corporation (L-3/IEC), to prototype and manufacture an advanced MEMS-based inertial measurement unit (IMU) under Phase I of L-3/IEC's contract with the U.S.



Scanning electron micrograph of MEMS IMU

Army. The advanced Low-cost, High-G MEMS IMU device is an upgrade in performance to the currently implemented laser ring gyros at a fraction of the size and cost with huge improvements in robustness that allow survivability after 25,000 G shocks. Performance includes a drift rate of less than 1 degree/hour. The Phase I contract extends over one year.

- MORE -



NEWS

Innovative Micro Technology

75 Robin Hill Road, Santa Barbara, CA 93117 • Ph: 805-681-2800 • Fx: 805-967-2677

Contact: Monte Heaton, 805-681-2852, monte@IMTMEMS.com

Bob Huffman, President of L-3's IEC subsidiary in Anaheim, CA, added "This MEMS IMU is a demanding device and IMT came highly recommended to us for complex MEMS manufacturing. After evaluation of other MEMS manufacturers, we selected IMT because of their extensive experience with sub-micron photolithography, deep RIE etching, and high-volume manufacturing – all of which are key to making our device. Their ability to deposit and etch a wide range of materials was also a major advantage over the CMOS manufacturers we considered. And since cost is a major factor, their six-inch fab provides economies over four-inch lines. We are already seeing good progress and first prototypes."

John Foster, IMT's CEO added, "L-3 and IEC are well-known for their state-of-the-art global positioning system (GPS) and we are proud to be partnering with them on the IMU that will be coupled to that GPS. IEC has done an excellent job of designing the IMU with our manufacturing capability in mind. We think our unique suite of capabilities is an excellent match for the stringent requirements of this device and for manufacturing it economically and with high quality. This project will produce the world's best MEMS navigational system."

About Innovative MicroTechnology

Innovative Micro Technology (IMT) is a leading cooperative design, prototyping, and high-volume 6" wafer manufacturing services provider for micro-electromechanical systems (MEMS). IMT has experience with both bulk and surface MEMS, including optotelecommunications, biometric, biomedical, biotechnology, RF relay, inertial measurement, DSL switching, and other devices. The company offers a wide range of capabilities including design for manufacturability, extensive high-volume manufacturing experience, sub-micron (0.35 μ m) photolithography, non-CMOS materials flexibility (metals, magnetics etc), and deep reactive ion etching. IMT is well versed in statistical quality control and experimental design techniques and also offers wafer- and die-level device test and metrology (FIB, SEM, TEM, EDX, and AFM) and reliability testing capabilities. Facilities are located in Santa Barbara, California. Contact Monte Heaton: Phone (805) 681-2800; FAX (805) 967-2677, email monte@imtmems.com or visit www.imtmems.com.

###