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Lumedyne Technologies Receives Award for “Outstanding Commercialization Success”

Breakthrough sensor technology transitions out of the military

San Diego, CA (September 19, 2007) - Lumedyne Technologies (formerly Omega Sensors) has been awarded “Outstanding Commercialization Success” by the Federal Laboratory Consortium for Technology Transfer. This award is in recognition of the company’s commercialization efforts of a Micro-Electro-Mechanical Systems (MEMS) accelerometer technology developed by SPAWAR Systems Center, San Diego; a research laboratory of the U.S. Navy.

Accelerometers are sensors used to measure acceleration and vibration. By attaching an accelerometer to a system, the movement and acceleration of that system are measured. Applications range from aircraft navigation to seismometers used to measure earthquakes. The licensed MEMS based accelerometer technology provides a far less expensive and far more sensitive alternative to accelerometers currently on the market.

The successful commercialization of this technology will benefit a myriad of applications including navigation systems, oil exploration and structural health monitoring.

ABOUT LUMEDYNE TECHNOLOGIES INCORPORATED

Lumedyne Technologies Incorporated (LTI) was founded in 2006 under the name Omega Sensors. In 2007, LTI changed its name and will provide highly advanced MEMS (Micro-Electro-Mechanical Systems) accelerometers. The MEMS technology used in LTI’s sensors was developed at the Space and Naval Warfare Systems Center (SPAWAR), a government research laboratory. Under exclusive patent rights, LTI is responsible for product commercialization.

The LTI team has over 39 years experience with MEMS/IC fabrication and design and relevant management experience; including MEMS/IC Fabrication facility management, Engineering



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management, and Program Management. The Chief Technology Officer, Dr. Richard Waters is highly published and recognized in the MEMS sensor community holding 14 patents (awarded or pending) in the MEMS area and 15 papers and conference proceedings. He is the co-founder of LTI and the inventor of its core technology. Brad Chisum, the CEO, has an MBA from San Diego State University, is a co-founder of LTI, and was the Engineering Manager of the government facility where LTI's technology was developed. LTI's strategy advisor, Ken Potashner, brings executive management experience including having served as the CEO of Sonic Blue and the CEO of Maxwell Technologies where he was recognized for leading the company in a U.S. record turn around in 1997.

ABOUT THE FEDERAL LABORATORY CONSORTIUM FOR TECHNOLOGY TRANSFER

The **Federal Laboratory Consortium for Technology Transfer (FLC)** is the nationwide network of federal laboratories that provides the forum to develop strategies and opportunities for linking the laboratory mission technologies and expertise with the marketplace.

The FLC was organized in 1974 and formally chartered by the Federal Technology Transfer Act of 1986 to promote and to strengthen technology transfer nationwide. Today, more than 700 major federal laboratories and centers and their parent departments and agencies are FLC members.

The Consortium creates an environment that adds value to and supports the technology transfer efforts of its members and potential partners. The FLC develops and tests transfer methods, addresses barriers to the process, provides training, highlights grass-roots transfer efforts, and emphasizes national initiatives where technology transfer has a role. For the public and private sector, the FLC brings laboratories together with potential users of government-developed technologies. This is in part accomplished by the FLC Laboratory Locator Network and regional and national meetings.

In consonance with the **Federal Technology Transfer Act of 1986** and related federal policy, the mission of the FLC is:

To promote and facilitate the rapid movement of federal laboratory research results and technologies into the mainstream of the U.S. economy.

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