

News Release For Immediate Release

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Carlsbad Company Wins Phase II Homeland Security Contract

Seacoast Science, Inc. Continues Chemical Sensing Research for the Department of Homeland Security

CARLSBAD, CA – The Department of Homeland Security Advanced Research Projects Agency (HSARPA) is continuing its support of Seacoast Science, Inc., a Carlsbad-based sensor technology company. Seacoast recently was awarded a Phase II Small Business Innovation Research (SBIR) contract from the Department of Homeland Security. The Phase II contract is a result of Seacoast successfully completing the first phase of the SBIR contract involving chemical sensing technology research for the detection of low vapor pressure Toxic Industrial Chemicals (TICs).

The extended two-year contract permits Seacoast to continue to develop its proprietary technology into an advanced commercially viable chemical sensor prototype. Ultimately, this program will yield a small, rugged, lightweight, low-power system designed for continuous unattended operation or handheld battery operation.

How will it be used?

Seacoast is designing an inexpensive and robust detector ideal for monitoring a variety of harmful and toxic chemicals. These sensors can then be integrated into existing networks where a premium is placed on early detection.

The low cost, low-power consumption and small size of this technology make it particularly attractive to local, state and federal agencies as well as private companies. "These chemical sensors could be invaluable for those who work with or near toxic industrial chemicals as well as those with security or first responder duties such as policemen and firemen", said Seacoast president Todd MIsna. "The sensor, working in tandem with a network communication system, would detect what chemical has been released, when, and the location. This would allow proper health and safety procedures to be quickly implemented," MIsna explained.

In addition to Homeland Security, Seacoast Science, Inc., has attracted the attention of other government agencies for its chemical sensor technology research.

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Since the founding of Seacoast Science, Inc. in February 2003, the company has won contracts from the Environmental Protection Agency, National Science Foundation, Department of Energy, and Department of Defense Agencies such as the Missile Defense Agency, U.S. Marine Corps, DARPA and the U.S. Army.

Seacoast Science, Inc. (www.seacoastscience.com) is a privately held research and development company located in Carlsbad, California. Seacoast Science develops chemical microsensors, and fabrication and testing systems for chemical sensors. Seacoast Science technologies focus on chemical and biological sensing systems for environmental compliance, homeland security, military and civilian first responders and many other markets.

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