



## News Release

### **Falmouth Scientific's New Portable Side Scan Sonar Helps Local Harbormaster in Search and Recovery Effort**

*Cataumet, MA-March 22, 2010--* Falmouth Scientific, Inc. (FSI) and its Hegg Marine Solutions (HMS) Division announced today that the company's new HMS-1400 Side Scan



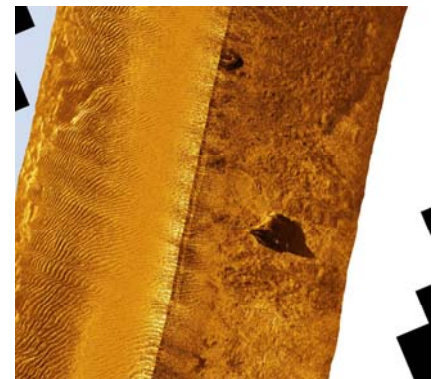
Towfish Deployment

Sonar System helped the Town of Falmouth, Massachusetts, locate a vehicle that had been driven off a local pier into the town harbor. Earlier attempts to locate the car using other techniques had been unsuccessful. John Baker, President of FSI, deployed the HMS-1400 Side Scan Sonar System off the side of the Harbormaster's boat. The sonar system quickly identified a possible target object, which showed up as a large image on the system's deck-based computer screen. Specialized software supplied by Oceanic Imaging Consultants (OIC) of Honolulu, Hawaii, helped identify the object as a likely target. Divers from the Falmouth Fire Rescue Department later confirmed that the target was the missing car, which was recovered later that afternoon.

The HMS-1400 Side Scan Sonar System identifies features on the seabed by sending sound pulses into the water and processing the signals that return to the unit after being reflected off the seabed. The time required for the pulse to return to the unit, as well as the strength of the returned signal, can be used to identify features that stand out from the surrounding seabed material.

According to John Baker, "This was an ideal use of the HMS-1400 Side Scan Sonar System, which was designed as a highly portable system to be deployed from small vessels for search and recovery operations, harbor security and inspection surveys, and rapid environmental assessment surveys. We are proud to have been invited to demonstrate the effectiveness of the technology on a project to help the local community."

The HMS-1400 was introduced by the HMS Division of FSI at the Oceanology International 2010 conference in London, UK, last week. For more information on the HMS-1400 Side Scan Sonar, visit [www.falmouth.com](http://www.falmouth.com), contact FSI sales at [sales@falmouth.com](mailto:sales@falmouth.com).



Side Scan Sonar Image of Submerged Car

#### **About Falmouth Scientific, Inc.**

Falmouth Scientific, founded in 1989, is a leader in design and manufacture of precision oceanographic instrumentation and integrated systems, including current/wave/tide meters, innovative communications buoys and AUVs, side scan sonar and sub-bottom profiling systems, deep-water positioning beacons, diver navigation systems, and specialty transducers.