

Sea Scan® HDS Embedded AUV System

Low power draw, less than 7W

Small form factor, 2.5 inches wide

Low noise front end uses logarithmic compression and 12 bit digitization to avoid hardware TVG

Ethernet, serial and onboard storage provide integration flexibility

Low noise, wide input power supply reduces system noise

Flexible synchronization output options

Specs, solid models and SDK are available at <http://www.marinesonic.us/sshds documents.php>

See <http://www.marinesonic.us/ESSHDS.pdf> for more details



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SeeByte

Success with Bluefin HAUV

SeeByte reports that it has completed a successful Confined Area Search (CAS) trial on Bluefin Robotics' Hovering Autonomous Underwater Vehicle (HAUV) with the U.S. Office of Naval Research. The goal of the trial was to demonstrate the automatic tracking of the propeller shafts of a ship hull. In this task, the HAUV and SeeByte's control technology software detected both shafts, tracked each and returned to the starting point autonomously.

"We are proud of the team that worked very hard for these achievements. The CAS technology proved it was able to communicate, take control and act out an inspection task, showcase real-time 3D reconstruction of the complex areas and accomplish all of this autonomously. This is a remarkable technology that can be utilized by the military for mine identification/verification and port and harbor security measures, as well as for pipeline inspections and floating production storage and offloading (FPSO) ship hull inspections for the offshore oil and gas industry.

"This will be a fantastic new enhancement within the SeeTrack Military and Offshore offerings," said Dr. Scott Reed, SeeByte Engineering Manager.

"We are pleased to see the success of this system and value the mutually beneficial partnership we've had with SeeByte," said Dr. Jerome Vaganay, Bluefin Robotics Project Manager. "The underwater security sector is continuously growing and demanding new capability. The technological accomplishments demonstrated by the HAUV with the SeeByte software will prove beneficial for a number of new applications even beyond the security sector."

MacArtney Offshore Scales Up

MacArtney Offshore, the Houston operation of the MacArtney Underwater Technology Group, moved into larger premises, with more than double the capacity of the previous site, from 4500 to 11,000 sq. ft. The increased workshop size allows the company to accommodate larger service jobs, including medium sized winch umbilical spooling and terminations which now can be performed inside their secure premises. Cable moldings, fiber optic terminations and the MacArtney Offshore slip ring repair facilities with Focal trained technicians have also been significantly expanded.