HydroAcoustics Inc. (HAI) is an engineering and manufacturing company located in Henrietta, New York.

We specialize in the design and manufacture of Very Low Frequency (VLF) and Low Frequency (LF) high power acoustic transducers and projectors for science, oil exploration, and military application.

We utilize hydro-acoustic mechanical methodology for generating underwater sound in all of our transducer designs.

Our VLF and LF designs have also been used for Diver Interdiction and Aquaculture protective systems.

HAI is also investing in 3 Phase Oil & Gas flow meters and controllers for Secondary Oil Recovery market.
About HydroAcoustics

HydroAcoustics Inc. (HAI) was founded in 1971 as a manufacturer of high power, very low frequency acoustic sources. Over 40 years, HAI has been recognized as a leader in underwater marine technology and the company has grown far beyond its early product structure, developing new applications for its hydro-acoustic technology in the seismic research, oil exploration, and recovery fields. HAI possesses a unique organically-developed skillset specifically cultivated to result in the manufacture of the world’s best low frequency, high power underwater acoustic sources.

Submarine Program

HAI designs and manufactures the HLF-1 series of LF transducers for the US Navy’s submarine force; the HLF-1D series is part of the VA Class Acoustics Augmentation Support Program (AASP).

HAI LF sources were used in DARPA’s POSYDON project.

Oil & Gas Industry Programs

HAI is currently working with one of the leaders in the Marine Seismic Surveying to redesign the LF sources used in that market. The upgraded systems will reduce the amount of equipment that will be towed from surveying ships and decrease the time to get results from the survey.

HAI is also testing a system that will increase secondary oil field production as most oil fields have up to 60% remaining oil after primary recovery. Our Oil Recovery Tool uses proprietary HAI LF technology to vibrate oil through the formation and into the well to increase production.

Contact Us

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