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. PLACE STAMP HERE

HydroAcoustics Inc.
999 Lehigh Station Rd. Henrietta, NY 14467-9311



Manufacturer of High Power Low Frequency Acoustic Sources







About HydroAcoustics

HydroAcoustics Inc. (HAI) was founded in 1971 as a manufacturer of high power, very low frequency acoustic sources. For over 4 decades 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.



Engineering Services

The engineering expertise at HAI is wide ranging to include mechanical engineering, electrical engineering, and physics. Within these areas of expertise, the company has gained extensive experience in designing and manufacturing high power hydro-acoustic transducers for scientific research and development, and military applications. By specializing in the engineering of its transducer projects from conception, through the design and prototyping phase, to the repeated successful manufacturing of the devices, HAI excels at providing the highest quality products tailored to the specific requirements of each customer.

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.



Product Support

At HAI we understand and appreciate the many challenges system users face regarding accuracy of sound generation, and the complexity of underwater signals.

Our relationship doesn't stop at the sale; we will continue to support our users throughout the products lifecycle as we consider ourselves a partner with you the end system user. By providing quality manufacturing of not only our standard catalog sources, but also diverse and custom sources made especially for your particular project, we ensure that your project is brought to a successful completion.

Our Mission

Our mission at HAI is to exceed our customer's expectations for quality, delivery, and cost through continuous improvement and customer interaction throughout the design and manufacturing process. We strive to be the industry standard for VLF high power,

Contact Us

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