
Core Advantage

MAI Approach

MAI's approach to developing solutions to our clients' needs is based on a high level of staff expertise and experience in the marine environment and defense related programs.

For 30 years MAI has been at the forefront of developing technology and support services for the emerging needs of global environmental issues, with senior staff leading many of the latest technological and research initiatives for both government and industry, including the authorship of benchmark publications.

Our core software capabilities developed under an extensive history of SBIR, STTR and NOPP awards have made MAI a leader in all aspects of environmental and warfare modeling and simulation.



Contact Us

MAI Virginia

The Arlington office is primarily responsible for MAI's Navy programmatic support programs, foreign military sales (FMS) training programs, and environmental assessment work. It is located in proximity to all Navy and Marine Corps headquarters, including the Chief of Naval Operations and Navy Systems Commands, the Pentagon, the Office of Naval Research, the Defense Advanced Research Projects Agency, the Naval Research Laboratory, and NOAA Headquarters, including the National Marine Fisheries Service.

4350 Fairfax Drive
Suite 600
Arlington, VA 22203
703.465.8404
703.465.8420 (fax)

MAI Rhode Island

The Middletown office is MAI's primary engineering support and technology office as well as the lead office for environmental research efforts. This office is also MAI's business center for all administrative activities and contract management. It is located in proximity to the Naval Undersea Warfare Center in Newport and the University of Rhode Island.

2 Corporate Place
Suite 105
Middletown, RI 02842
401.847.7508
401.847.7864 (fax)

Website

For more information visit:

<http://marineacoustics.com>



SBIR Business Model Case

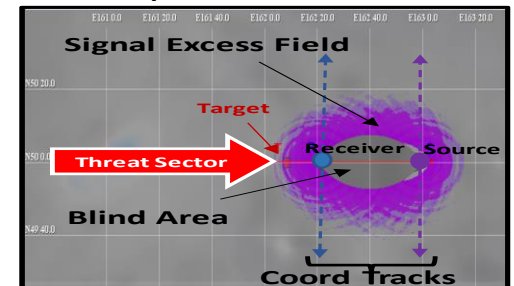
Our SBIR business model is to directly develop software and associated documentation, as well as provide services to the government. Ultimately, the same software and documentation can be utilized by a prime Integrator in transition to Navy SONAR Programs of Record and/or Foreign Military Sales (FMS) applications.

SBIR Company Objectives

As part of a Phase II effort sponsored by Integrated Warfare Systems (IWS) 5A, MAI is working with partners at In-Depth Engineering Corp (IEC) to develop a Bistatic Sonar Tactical Decision Aid, and leverage existing system architecture in order to demonstrate capability for inclusion into the Advance Capability Build (ACB) planning process, with the short-term goal of transitioning to existing Navy Surface Sonar Systems.

Our long-term goal is to leverage a successful SBIR transition as a stepping stone to future similar opportunities across the Anti-Submarine Warfare (ASW) communities. MAI actively takes part in the Navy SBIR/STTR Transition Program (STP) and similar forums to facilitate connections with current and future Navy program sponsors that could utilize this capability across multiple ASW communities.

Conceptual Bistatic TDA



Company Background

Since 1987 MAI has been at the forefront of environmental noise issues in the ocean, helping design and implement experimental plans to investigate these issues as well as formulate new national standards in this rapidly emerging field, and has played a major role in the Navy's research program with regard to whale behavioral research and acoustic environmental issues.

MAI has pioneered the development of technology and support services for the emerging needs of global environmental issues for both government and industry, with senior staff leading many of the latest technological and research initiatives, including past and ongoing authorship of benchmark publications.

MAI's approach to developing solutions to our clients' needs is based on a high level of staff expertise and experience in marine environment and defense related programs. Technical staff members hold advanced degrees in all aspects of engineering, biology and environmental science, and serve on numerous national and international advisory committees.

Our research and development programs have made MAI a leader in the receipt of contract awards under both the SBIR and STTR programs. We are also a leader in modeling of the marine environment. Our expertise is further leveraged by long established teaming relationships with a number of the world's leading universities and research laboratories, including Cornell Lab of Ornithology, APL Johns Hopkins, University of Maryland, and University of California Santa Cruz and Santa Barbara.



Core Competency

Environmental Services

MAI has played a major role in developing the tools needed to support the rapidly growing field of marine environmental management. MAI pioneered the first global environmental impact statement on the impact of low frequency sound on the marine environment. Today MAI provides environmental support service to US and foreign government agencies as well as a variety of commercial entities.

Naval Technology & Training Support

MAI's naval systems support staff provide a high level of expertise and experience in all aspects of naval systems design, development, test and evaluation, and training services. We provide support to a wide range of system development programs including airborne, surface and submarine applications. This support is based on years of experience in both operations and training. MAI has also been a principal test and evaluation consultant on a number of major acoustic detection systems, and contributed to development of a variety of acoustic models and associated software programs currently in use by a variety of government agencies.

Research & Development

MAI is a world leader in the development of a wide range of engineering and scientific models in support of both naval systems development and environmental engineering and science issues. We are a major recipient of prestigious SBIR, STTR, and NOPP awards, often teamed with major universities and research laboratories. MAI's senior scientific staff members are widely published in peer reviewed journals, and often invited speakers at international forums and educational workshops.

Market/Customers

Select Clients

- Space and Naval Warfare Systems Command (SPAWAR)
- Naval Sea Systems Command (NAVSEA)
- Naval Facilities Engineering Command (NAVFAC Atlantic/Pacific)
- Naval Undersea Warfare Center (NUWC - Newport)
- Bureau of Ocean Energy Management (BOEM)
- National Science Foundation (NSF)
- Department of Homeland Security (DHS)
- Department of Commerce, NOAA/NMFS
- National Park Service (NPS)
- Chief of Naval Operations (CNO N45, N2/N6F24)
- Office of Naval Research (ONR)
- Naval Air Systems Command (NAVAIR)
- General Services Administration (GSA)
- Commander, Submarine Force, U.S. Pacific Fleet (COMSUBPAC)
- Commander, Undersea Surveillance (COMUNDERSEASURV)

Contract Vehicles

MAI supports the following contracting vehicles:

- **GSA**
- **SeaPort-e**

For inquiries please contact:

Kenneth R. Graf, Contracts Manager

Phone: 401-847-7508

Email: Ken.Graf@marineacoustics.com

