

SEA CORP. gets Navy contract to provide subs technical services

■ The Naval Undersea Warfare Center

Local firm wins \$21.6-million Navy contract

SEA CORP to develop new launches

The Naval Undersea Warfare Center (NUWC) has awarded a \$21.6-million contract to SEA Corp. for the development of new launches for the Navy's fleet of submarines. The contract is for the development of new launches for the Navy's fleet of submarines. The contract is for the development of new launches for the Navy's fleet of submarines.



Brian Gilligan, left, stands with Rep. Patrick, D-R.I., Keener at a ceremony in Washington.

Man receives award for small business

WASHINGTON — Systems Engineering Associates Corp. (SEA CORP) President Brian Gilligan recently accepted the 1994 Small Business Administration's highest national business award in a ceremony in Washington. Prior to the ceremony, Gilligan was named one of the nation's top 100 small business owners by Entrepreneur magazine.



SEA CORP

SYSTEMS ENGINEERING ASSOCIATES CORPORATION

SEA CORP the state selection for U.S. small business award

MIDDLETOWN — Systems Engineering Associates Corp., known as SEA CORP, has



SEA CORP wins \$40-million contract from Naval center

SEA CORP receives Tibbets Award

MIDDLETOWN — SEA CORP was among sixty-three small business winners from 47 states and the District of Columbia receiving the U.S. Small Business

NUWC awards local \$35 million contract

MIDDLETOWN — SEA Corp. recently won a \$35 million contract

Local firm wins \$13 million NUWC contract

By Steve A. Wolf

MIDDLETOWN — SEA Corp. has won a \$13 million contract to work with the Naval Undersea Warfare Center.

The local firm will perform technical

services for the center, including the design and development of new launches for the Navy's fleet of submarines.

Systems Engineering Associates Corp. (SEA CORP) President Brian Gilligan recently accepted the 1994 Small Business Administration's highest national business award in a ceremony in Washington.

MIDDLETOWN

CORP president Brian Gilligan said in a news release.

"We have been involved in

(the company)

SEA CORP (Systems Engineering Associates Corporation), founded in 1981, is a veteran-owned small business focusing on systems engineering, software, and test and evaluation services. In addition, the Company has a robust research and development group focusing on emergent technologies. SEA CORP's core business is providing services to the U.S. Navy, chiefly for submarine electronic systems. Those services range from the test and evaluation of existing equipment through the development of software and documentation for new systems at the leading edge of information technology. The majority of the SEA CORP's staff of over 200 engineers, technicians and support personnel work in the company's headquarters building and adjacent Research Center in Middletown, RI, just minutes away from Newport's beaches and historical district. A branch office is located in Groton, Connecticut to facilitate technical support activities at the nearby shipyard and submarine base. All three SEA CORP locations are fully networked and integrated, with the latest information management systems.



SEA Research Center



SEA CORP HQ



SEA CORP Groton

The modern 24,000 sq. ft. headquarters facility provides well lighted, climate-controlled working-spaces, meeting rooms and technical libraries. The SEA Research Center, a recently-renovated 37,000 square ft. building located just across the street in the Aquidneck Corporate Park, combines electronics hardware and software fabrication and analysis with a test-bay for dynamic trials of large complex systems. SEA CORP's Groton Connecticut branch provides another 7,000 square feet divided between offices and industrial space, conveniently located near the Submarine Base and Shipyard.

SEA CORP has experienced steady growth, despite a shrinking defense market. This growth has been due largely to the company's ability to retain a highly-skilled work force and at the same time contain costs through judicious management. The demand for SEA CORP's services has never been stronger and the forecast is positive. Several developmental products are nearing maturity and are ready to enter the production phase, signaling the potential for more rapid growth in the future.

(system and software engineering and information technology)

Engineers, computer scientists and technicians from SEA CORP are a familiar sight in Navy laboratories and equipment test bays as well as aboard the Navy's newest and most capable submarines. Long-term U.S. Government service contracts provide a stable business foundation for a variety of services. Focusing on non-propulsion electronic systems, the majority of the Company's work can be catalogued in two major categories.

SUBMARINE COMBAT AND DATA PROCESSING SYSTEMS

SONARS AND ACOUSTIC TRAINERS



(combat systems and sonar engineering)

In the combat systems category, SEA CORP is involved in all phases of the development and management of these complex tools of modern naval operations, including design, integration into the ship, testing and maintaining realistic, shore-based training devices for the submarines' crews. Typical of the services we provide, under several contracts, are troubleshooting and correction of computer software problems controlling such vital functions as navigation, weapons control and maneuvering. For some classes of submarine, SEA CORP maintains the entire data processing system, including management, documentation and quality assurance.

In the undersea environment, submarines depend almost completely upon sound in the water for the detection, identification and, in a combat situation, the tracking and targeting of other submarines and surface ships. A submarine relies on its sonar (SOUND Navigation And Ranging) equipment as its eyes and ears while underwater. The sonar systems, both active and passive, are vital for navigation safety - to detect other ships and natural obstacles-as well as for attack, self-defense and surveillance during combat operations and training missions.

SEA CORP performs a wide range of engineering tasks in support of all U.S. Navy Submarine sonars currently in fleet use and those systems under development for the future. Sounds are processed, enhanced, analyzed and portrayed in various graphic and digital displays. The sailors operating and maintaining these acoustic processing and display systems use shore-based and onboard trainers to learn the necessary skills and to keep their proficiency at the highest levels. The acoustic trainers supported by SEA CORP, simulate actual conditions aboard a submarine at sea.

(research and development)



BLACKHAWK



COMBAT SYSTEMS



LAUNCHER TECH

SEA CORP has taken advantage of the opportunities for growth afforded by the Federal Government's Small Business Innovation Research (SBIR) Program. Leveraging concepts developed and proven during the course of highly successful SBIR projects, the Company is now prepared to take new products to the production stage. We are designing and will be building the production versions of a new concept in launching torpedoes using gas generators from automotive airbag systems.

In another research and development project under the SBIR program, this basic concept will be extended to other propulsion applications, such as a launcher for helicopters to drop sonobuoys (a small, expendable sonar listening device dropped into the water) and other sensors.



Based on our experience in submarine systems, SEA CORP's engineers designed and built several electronic interfaces which have been incorporated in navy ships. In addition to military programs SEA CORP has also developed products and provided services in the fields of education, public administration and health-care.

The future of SEA CORP is bright. Recent strong performance in our core engineering service business areas coupled with continued success in research and development projects promises sustained growth and increasing diversity.

PROVIDING INNOVATIVE

SOLUTIONS

DEVELOPING NEW

TECHNOLOGIES

THE WAVE OF THE FUTURE

For more information about SEA CORP visit our website: www.seacorp.com
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