

Contract for 2 NOAA research ships awarded to Thoma-Sea Marine Constructors, LLC.



NOAA Ship *Fairweather* is one of the current charting and mapping vessels in the NOAA fleet. Credit: NOAA

Release from NOAA

Investments from the Inflation Reduction Act support Biden-Harris Administration's Investing in America Agenda

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NOAA will add two new ships to its fleet of groundbreaking research vessels. The agency selected Thoma-Sea Marine Constructors, LLC. for a \$624.6 million contract to initially design and build two cutting-edge research vessels, with an

option to purchase two more. The first two ships will be built in Houma, Louisiana, with an expected delivery date of 2027 and 2028.

The new ships will focus primarily on ocean mapping and nautical charting as part of NOAA's mission to deliver tools and information to help mariners safely navigate the nation's ports and harbors. Ships from around the world move \$1.5 trillion worth of products in and out of U.S. ports every year and rely on navigation charts to do so safely. The new vessels will have additional capabilities to help assess and manage living marine resources and collect data for oceanographic monitoring, research and modeling activities.

"These state-of-the-art ships will ensure that we can continue to meet NOAA's mission to support safe navigation, coastal resource management and the nation's blue economy," said NOAA Administrator Rick Spinrad, Ph.D. "I'm also proud that these new vessels will harness modern engines and design that will move NOAA forward in reducing its own emissions with an eye towards achieving a net-zero fleet."

The ships will be designed to coordinate, acquire and process large data sets like those gathered from mapping the seafloor and characterizing marine habitats. They will also have the ability to deploy crewed survey work boats, scientific equipment and uncrewed systems, which enhance the work the ship does.

"This is another milestone in NOAA's effort to recapitalize our aging fleet of ships," said NOAA Corps Rear Adm. Nancy Hann, director of NOAA Marine and Aviation Operations and the NOAA Commissioned Officer Corps. "These ships are vital for mapping the United States Exclusive Economic Zone, enabling maritime commerce and responding to natural disasters, and will allow us to meet critical at-sea data collection requirements for the economic security, public safety and national security for many years to come."

This contract was awarded following a request for proposals that was open June–October 2022.

The design and construction of these new ships is funded in part by the [Inflation Reduction Act](#) – a historic \$3.3 billion investment to help communities, including tribes and vulnerable populations, prepare, adapt and build resilience to weather and climate events in pursuit of a climate-ready nation. The act also supports improvements to weather and climate data and services, and strengthens NOAA’s fleet of research airplanes and ships.

The research and survey ships operated, managed and maintained by [NOAA Marine and Aviation Operations](#) comprise the largest fleet of federal research ships in the nation. Ranging from large oceanographic research vessels capable of exploring the world’s deepest ocean, to smaller ships responsible for charting the shallow bays and inlets of the U.S. The fleet supports a wide range of marine activities, including fisheries surveys, nautical charting and ocean and climate studies. NOAA ships are operated by NOAA Corps officers and civilian professional mariners.

Climate, weather, and water affect all life on our ocean planet. NOAA’s mission is to understand and predict our changing environment, from the deep sea to outer space, and to manage and conserve America’s coastal and marine resources. See how NOAA science, services, and stewardship benefit your community: Visit noaa.gov for our [latest news and features](#), and [join us on social media](#).

BAE Systems awarded Next Generation Launcher design contract



BAE Systems was selected to design and deliver a new prototype deck launching system to the U.S. Navy.

[Release from BAE Systems](#)

BAE Systems was awarded a \$37 million U.S. Department of Defense Ordnance Technology Consortium (DOTC) contract to design the Next Generation Evolved SeaSparrow Missile Launch System (NGELS). The company will support the NATO SeaSparrow Program Office (NSPO) to design and deliver prototype deck launching systems to support the U.S. Navy and allied countries with the Evolved SeaSparrow Missile (ESSM) ship self-defense system.

NGELS is a deck-mounted, fixed-angle launcher that leverages BAE Systems' [Adaptable Deck Launcher \(ADL\)](#) concept to store and launch ESSMs from Mk 25 missile canisters, which are also

produced by BAE Systems. Easily integrated into large deck platforms, NGELS will support the fielding of the latest and most highly-capable ESSM missile, the Block 2 variant, a multi-role surface-to-air and surface-to-surface missile capable of protecting aircraft carriers and other flat-decked ships against advanced air and surface threats. NGELS will use proven [Mk 41 Vertical Launching System](#) subsystems to deliver surface-to-air and surface-to-surface defense capabilities to aircraft carriers and amphibious ships in order to defeat missile threats.

“We have a long history of providing missile integration, launching systems, and canister design to the U.S. Navy,” said Brent Butcher, vice president of the weapon systems product line at BAE Systems. “NGELS leverages the expertise of our workforce to provide a ready-to-deploy system that enhances mission effectiveness and enables reliable ship defense for the U.S. Navy. We look forward to working with our customers to bring this enhanced capability to the fleet and introducing it to international users.”

HII Celebrates First Meal Aboard Virginia-Class Submarine New Jersey (SSN 796)



[Release from HII](#)

NEWPORT NEWS, Va., July 05, 2023 (GLOBE NEWSWIRE) – HII’s (NYSE: HII) Newport News Shipbuilding division moved another step closer toward delivery of *Virginia*-class submarine *New Jersey* (SSN 796) to the U.S. Navy when the first meal was recently served aboard the nuclear-powered fast attack submarine.

New Jersey is currently pierside at NNS and is in the final stages of construction and testing.

To celebrate the first meal, the crew welcomed the ship’s sponsor, Susan DiMarco, who is a New Jersey resident, retired dentist and the wife of former Secretary of Homeland Security Jeh Johnson, to dine with them. The menu included some of the crew’s voted favorites, such as barbeque brisket, baked catfish, cornbread, accompanying side dishes and coveted “hard pack” ice cream.

“The first meal is a meaningful milestone in the submarine’s construction as it represents the start of what will be

thousands of meals served aboard *New Jersey* as the crew prepares to bring her into the fleet,” said Jason Ward, NNS vice president of *Virginia*-class submarine construction. “We understand the important mission ahead for *New Jersey* and we look forward to delivering this critical asset in service of the nation.”

Photos accompanying this release are available at: <https://hii.com/news/hii-first-meal-virginia-class-submarine-new-jersey-ssn-796>.

“It’s refreshing to see the crew transition to working and eating onboard as we achieve the first step in bringing the ship to life,” said Cmdr. Steve Halle, commanding officer of the pre-commissioning unit. “We are excited to share this milestone with our sponsor, Susan, her son, and some commissioning members as we grow our relationship with the state of New Jersey.”

New Jersey was christened in November 2021 at NNS. It is the first submarine designed with modifications for gender integration. Following successful sea trials later this year, *New Jersey* will be the 11th *Virginia*-class submarine delivered by NNS.

NNS is one of only two shipyards capable of designing and building nuclear-powered submarines for the U.S. Navy.

**Leidos Announces New
Manufacturing Facility in**

North Charleston, South Carolina

[Release from Leidos](#)

Facility will insource production of key security products and bring new jobs to the region

(RESTON, Va.) July 6, 2023 – [Leidos](#) (NYSE:LDOS), a FORTUNE® 500 science and technology leader, today announced plans to establish a new security systems manufacturing facility in North Charleston, South Carolina. This will be the company's third security systems manufacturing location in the U.S., expanding its presence and support to customers. Leidos will invest \$31.7 million in the new facility, creating up to 170 new jobs in the region over time.

"This facility brings more manufacturing back into the U.S. and expands Leidos' global security capabilities for the aviation and critical infrastructure markets," said Jim Moos, Leidos Civil Group president. "We're thrilled to expand into the North Charleston area and look forward to making a positive impact in the community."

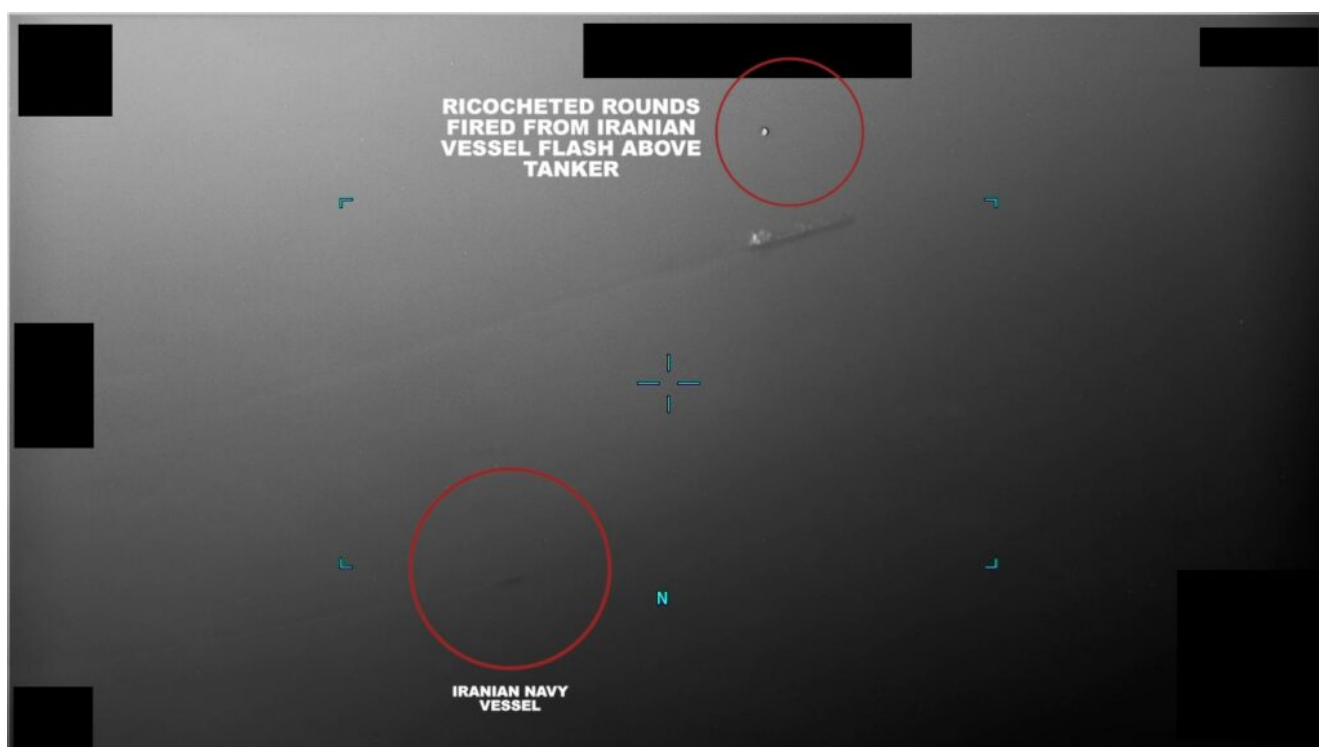
The new facility will produce security systems for Leidos' Security Enterprise Solutions (SES) operation. SES offers a comprehensive suite of fully automated and integrated products for aviation, shipping ports, border crossings and critical infrastructure customers. These systems provide threat detection by screening baggage, cargo and people at checkpoints around the world.

"Leidos' \$31.7 million investment in their new facility here in the Lowcountry will lead to significant job growth and economic development," said Congresswoman Nancy Mace (R-SC-1).

“We congratulate them on their expanding operation and thank them for putting their faith in South Carolina.”

Located in Ladson Industrial Park, the new 150,000-square-foot facility will enable Leidos to onshore more manufacturing increasing the company’s critical capacity to support their growing customer base. The new plant will optimize manufacturing efficiency, quality and safety through application of best-in-class manufacturing processes. The facility is currently under construction and is expected to be fully operational by the first half of 2024.

U.S. Prevents Iran from Seizing Two Merchant Tankers in Gulf of Oman



[Release from U.S. Naval Forces Central Command Public Affairs](#)

By U.S. Naval Forces Central Command Public Affairs | July 05, 2023

GULF OF OMAN – On July 5, U.S. forces prevented two attempted commercial tanker seizures by the Iranian Navy after the Iranians had opened fire in one of the incidents near the coast of Oman.

Both of these incidents occurred in international waters.

At 1 a.m. local time, one Iranian naval vessel approached the Marshall Islands-flagged oil tanker TRF Moss in international waters in the Gulf of Oman. The Iranian vessel departed the scene when U.S. Navy guided-missile destroyer USS McFaul (DDG 74) arrived on station. Additionally, the U.S. Navy deployed surveillance assets, including MQ-9 Reaper and P-8 Poseidon maritime patrol aircraft.

Approximately three hours later, the U.S. Navy received a distress call from Bahamian-flagged oil tanker Richmond Voyager while the ship was more than 20 miles off the coast of Muscat, Oman, and transiting international waters toward the Arabian Sea. Another Iranian naval vessel had closed within one mile of Richmond Voyager while hailing the commercial tanker to stop.

McFaul directed course toward Richmond Voyager at maximum speed as the merchant tanker continued its transit. Prior to McFaul's arrival on scene, Iranian personnel fired multiple, long bursts from both small arms and crew-served weapons. Richmond Voyager sustained no casualties or significant damage. However, several rounds hit the ship's hull near crew living spaces. The Iranian navy vessel departed when McFaul arrived.

In May, the United States increased the rotation of ships and aircraft patrolling the Strait of Hormuz with partners

following an uptick in Iranian merchant vessel seizures. The increased force presence supports multinational efforts under the International Maritime Security Construct and bilaterally with partner nations to deter threats to commercial shipping and reassure regional mariners.

“I couldn’t be prouder of the entire [U.S. Naval Forces Central Command] team, especially the exceptional effort by the McFaul crew, for immediately responding and preventing another seizure,” said Vice Adm. Brad Cooper, commander of U.S. Naval Forces Central Command, U.S. 5th Fleet and Combined Maritime Forces. “We remain vigilant and ready to protect navigational rights in these critical waters.”

Since 2021, Iran has harassed, attacked or seized nearly 20 internationally flagged merchant vessels, presenting a clear threat to regional maritime security and the global economy.

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MN Navy League helps bolster recruiting numbers at Naval Talent Acquisition Group Northern Plains



It's no secret that the Department of Defense has faced many challenges in the recruiting environment over the past couple of years. When it comes down to it, these challenges cannot be taken on by the recruiters of their respective branches alone. Recruiting commands rely on word-of-mouth and engagements from outside organizations to help facilitate information between the military branches and prospective recruits. One of the primary organizations that helps assist the sea-services with meeting their recruiting mission is the Navy League.

The Navy League Council of Minn. has been a staunch supporter of the local area Naval and Coast Guard commands that include: NTAG Northern Plains, Naval Reserve Center, Minneapolis, University of Minnesota ROTC, Maritime Safety Unit Duluth, Coast Guard Cutter Spar, three Sea Cadet Units, and three Junior ROTC units. The Council has engaged in many events including command picnics, an annual Navy Ball, air shows, Navy Weeks, award ceremonies at adopted units, community parades, networking events, with the primary focus to provide

education and awareness to the surrounding communities about the importance of the Navy on a world-wide and national security scale.

“The Minnesota Navy League Council is a tremendous asset for us at NTAG Northern Plains,” said Cmdr. Jonny “DOZER” Kane, executive officer of NTAG Northern Plains. “They are able to amplify our reach into the community, and not just from a recruiting standpoint, but as an advocate of the U.S. Navy and their impact on a global scale.”

On the average day, recruiters in the NTAG Northern Plains area of responsibility are actively seeking to spread Navy awareness and seek new accessions across seven states that include Minnesota, Iowa, North Dakota, South Dakota, Nebraska, and parts of Wisconsin and Illinois. From the beginning of this fiscal year, they have enlisted 360 Future Sailors, processed 90 officer candidate submissions with 41 selected, and had 52 NROTC applications submitted with 32 selected, which is 12% higher than the national average. (Statistics provided by NTAG Northern Plains.)

“The Minnesota Navy League engages with state and local representatives and centers of influence to promote Navy programs and opportunities,” said Joe Fraser, President of the Minnesota Navy League Council. “One of the programs that we are particularly fond of promoting is the scholarship opportunities available through the Navy Reserve Officer Training Corps.”

One of the major scholarships available through the NROTC program is the Immediate Scholarship Reservation (ISR) scholarship, which is valued at approximately \$200,000.

NTAG Northern Plains was approved to award four scholarships this year. Raina Elisabeth Roemhildt, graduate of St. Peter High School, will attend University of Washington this fall. She will pursue a major in mechanical engineering and wants to

be a surface warfare officer like her retired father. Emmanuel Tallaferno Edwards, graduate of Eden Prairie High School, will attend Harvard University in the fall. He plans to major in economics and wants to enter the surface warfare officer community. Two additional students were awarded ISR scholarships, one from Valley High School (West Des Moines, Iowa) to attend University of Michigan and one from Saint Thomas Academy to attend University of Minnesota, but declined the scholarship offers to attend the U.S. Naval Academy and West Point respectively.

“The NROTC Scholarship Program provides an avenue for students to attend college full time, gain invaluable leadership experience and ultimately pave the way for the future of the U.S. Navy,” said Chief Navy Counselor Lenora Sprague, NROTC scholarship program coordinator assigned to NTAG Northern Plains. “Our student applicants are both exceptional and humble, a testament to the quality education and strong work ethic of which the Midwest is known for.”

It is through teamwork between recruiters and organizations like the Navy League that the Navy is able to achieve recruitment goals.

“For any student that is remotely interested in applying, I highly recommend taking the leap and logging onto our website today, as fiscal year 2024 applications are open to apply for,” added Sprague.

If interested in applying please visit <https://www.netc.navy.mil/NSTC/NROTC/> for more information.

Marine Exchange of Southern California Commemorates 100 Years of Maritime Excellence



San Pedro, July 1, 2023

The Marine Exchange of Southern California, a beacon of maritime operations, is proud to announce its centennial anniversary. For a remarkable 100 years, the Marine Exchange has steadfastly promoted the safety, security, efficiency, reliability, and environmental soundness of the Marine Transportation System in the Southern California region.

Since its establishment 1 July 1923, the Marine Exchange of Southern California has been a cornerstone of the maritime industry, fostering collaboration, innovation, and excellence in the region. Over the past century, it has seamlessly navigated the changing tides to meet the evolving needs of the industry, providing invaluable services and support to a vast array of maritime stakeholders. The Marine Exchange maintains records of ship arrivals and departures stretching back to its inception and has evolved into the Maritime Information Center and Vessel Traffic Service for the Los Angeles-Long Beach Port Complex.

As the compass navigating maritime operations in Southern California, the Marine Exchange operates around the clock to

chart the course of the smooth flowing commerce and safeguarding the vital waterways of the region. With its state-of-the-art vessel tracking systems, comprehensive maritime information services, and efficient communications networks, the Marine Exchange has revolutionized the way ships navigate and operate in the four major ports of Southern California: Port Hueneme, Los Angeles, Long Beach, and San Diego, as well as the offshore marine oil terminal at El Segundo. For example, the Marine Exchange worked with Industry and Public Sector Partners to develop the new queuing system for labor, which helped manage, increase safety, and increase air quality, the record-breaking backup of container ships during 2020-2022, which reached a peak of 109 on 9 January 2022.

To commemorate this remarkable milestone, the Marine Exchange brought together industry leaders, government officials, and stakeholders in a Centennial Celebration to pay homage to its rich maritime heritage and a century's worth of contributions to the maritime community. On June 29, the Marine Exchange kicked off their 100th year with a celebration featuring a ceremony, speeches, cake-cutting, and an exhibition showcasing 100 years' worth of keepsakes and photos. In attendance was a range of industry professionals and elected officials including Long Beach Vice Mayor Cindy Allen, MX Board President Bob Clark, President of the Long Beach Board of Harbor Commissioners Sharon Weissman and Commissioner Bonnie Lowenthal, Los Angeles Harbor Commissioners Diane Middleton and Lee Williams, Port of Los Angeles Deputy Executive Director and LA Port Police Chief Tom Gazsi, US Coast Guard Captain Stacey Crecy, ILWU Local 94 Vice President Duane Martinez, Los Angeles City Councilmember Tim McOsker, and representatives from the offices of California State Senator Steven Bradford, Assemblymember Mike Gipson, and Assemblymember Josh Lowenthal.

21 members of the Coast Guard Auxiliary Divisions 5 and 6

provided safety and security support throughout the event.

“We are thrilled to celebrate this momentous milestone in our history,” said Captain Kip Louttit, USCG, Retired, Executive Director of the Marine Exchange of Southern California. “For 100 years, we have been at the forefront of maritime operations, and this anniversary is a testament to our unwavering commitment to a safe, secure, efficient, reliable, and environmentally sound Marine Transportation System in Southern California waterways. We are proud to honor our storied past and engage with the maritime community to chart a course for an even brighter future.” For more information about the Marine Exchange of Southern California’s centennial celebration, please visit their official website at mxsocal.org, or contact info@mxsocal.org

Canada Requests Up to 16 P-8A Maritime Patrol Aircraft



ARLINGTON, Va. – The government of Canada has requested the sale of up to 16 Boeing P-8A Poseidon maritime patrol aircraft and support equipment under the Foreign Military Sales program at an estimated cost of \$5.9 billion, the Defense Security Cooperation Agency (DSCA) said in a June 27 release.

“The State Department has made a determination approving a possible Foreign Military Sale,” the DSCA said, noting that the agency had delivered the certification to Congress.

Once finalized, the sale would make Canada the seventh nation to procure the P-8A, the others being the United States, Australia, United Kingdom, Norway, New Zealand, South Korea, and Germany. India procured a modified version, the P-8I.

In addition to the aircraft, the proposed procurement includes mission systems and “aircraft spares; spare engines; support equipment; operational support systems; training; training devices; maintenance trainer/classrooms; engineering technical assistance (ETA); logistics technical assistance (LTA); Country Liaison Officer (CLO) support; Contractor Engineering Technical Services (CETS); Contractor Logistics Support (CLS);

repair and return; transportation; aircraft ferry; other associated training and support; and other related elements of logistics and program support,” the DSCA said.

The major sensor and defensive systems included in the proposal are:

- APY-10 Radar
- AAQ-2 Acoustic System
- ALQ-240 Electronic Support Measures
- MX-20HD Electro-Optical/Infrared system
- ALE-47 Countermeasures Dispenser Systems
- NexGen Missile Warning Sensors
- AAQ-24(V)N Large Aircraft Infrared Countermeasures System

The Canadian Air Force currently flies the Lockheed CP-140 Aurora – a version of the P-3 Orion – first delivered in the 1980s.

**Ingalls Shipbuilding
Successfully Completes
Builder's Trials for Calhoun
(WMSL 759)**



[Release from HII](#)

PASCAGOULA, Miss., June 30, 2023 (GLOBE NEWSWIRE) – HII’s (NYSE: HII) Ingalls Shipbuilding division announced today the successful completion of builder’s sea trials for the U.S. Coast Guard’s newest national security cutter, *Calhoun* (WMSL 759). The ship successfully tested propulsion and auxiliary equipment, as well as various ship systems.

“Every successful sea trial is a major accomplishment for our shipbuilders, and the NSC team has worked hard to ensure the Coast Guard receives another highly capable and advanced cutter for the fleet,” Ingalls Shipbuilding NSC Program Manager Amanda Whitaker said. “Our team will continue to prepare NSC 10 for the next set of trials and ensure that this ship will be ready to undertake the most challenging Coast Guard missions.”

For over two decades, Ingalls Shipbuilding has served as the sole designer and provider of the Coast Guard *Legend*-class national security cutter. The flagship of the Coast Guard fleet, national security cutters are capable of embarking and

supporting a wide range of Coast Guard, Navy and NATO manned and unmanned aircraft. National security cutters have proven to be ideal platforms for drug interdiction, global illegal fishing, disaster relief and defense support operations.

Photos accompanying this release are available at: <https://hii.com/news/ingalls-shipbuilding-builders-trials-calhoun-wmsl-759/>.

NSC 10 is named to honor Charles L. Calhoun, the first Master Chief Petty Officer of the U.S. Coast Guard. Calhoun served in the U.S. Navy for three years during World War II and was honorably discharged in 1946 as a torpedoman second class. He enlisted in the Coast Guard that same year and held varying positions of leadership over the course of his career.

Ingalls has delivered nine *Legend*-class national security cutters to the Coast Guard further enabling their important missions around the globe.

General Atomics Awarded Contract for Advanced Submarine Propulsion Concept Designs

SEAPOWER

[Release from General Atomics Electromagnetic Systems](#)

SAN DIEGO – 30 June 2023 – General Atomics Electromagnetic Systems (GA-EMS) announced today that it has been awarded a contract from General Dynamics Applied Physical Sciences to perform propulsion system design, to provide modeling, technical evaluation, and analysis supporting the Defense Advanced Research Projects Agency's (DARPA) Advanced Propulsor, Experimental (APEX) program. The APEX program is intended to develop and demonstrate a new generation of propulsion technology designs to power submarines and other undersea vehicles.

“We are excited to leverage our expertise in system design, modeling, and analysis, along with our extensive manufacturing experience to support the APEX program objectives. We look forward to working with General Dynamics to develop and explore propulsion concepts focusing on efficiency, signature, mechanical design and limits, and operational considerations” said Scott Forney, president of GA-EMS.

Phase 1 of the APEX program will last 24 months. General Dynamics Applied Physical Sciences is the prime contractor. GA-EMS will perform propulsion system design, engineering and analysis in its Boston, MA facility, and any required manufacturing and testing in its Manufacturing Center of Excellence in Tupelo, MS.