General Atomics Awarded Contract for Advanced Submarine Propulsion Concept Designs

SEAPOWER

Release from General Atomics Electromagnetic Systems

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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.