

RTX's Raytheon Selected by DARPA to Develop Advanced Maritime Defense Technologies



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New capability will protect vulnerable vessels from threats at sea

PORTSMOUTH, R.I., (February 2, 2026) – Raytheon, an RTX (NYSE: RTX) business, has been selected by the Defense Advanced Research Projects Agency (DARPA) to develop an advanced sensing and targeting system that will help defend vulnerable commercial shipping and naval logistics vessels against emerging threats such as unmanned surface vehicles (USVs).

Under the contract, Raytheon's [Advanced Technology](#) team will design, build, and demonstrate a system that consists of Electro-Optical/Infrared (EO/IR) sensors, advanced detection software, and robust command and control capabilities to enhance situational awareness and threat response.

The system, which is being developed for DARPA's Pulling Guard program, will deploy the sensors via a tethered drone connected to a semi-autonomous unmanned platform that is towed by commercial and naval logistics vessels. The sensors will provide real-time target tracking data to remote operators, enabling them to make rapid, informed engagement decisions.

Phase one of the program will focus on simulated engagements to evaluate system performance and operator workflows. In phase two, the system will transition to integrating operational launchers and effectors for live operations.

"Through this development, we are advancing critical security technologies for commercial shipping in regions like the Red Sea," said Colin Whelan, president of Advanced Technology at Raytheon. "By integrating our proven expertise in command and control, high-performance sensing, and effectors, we will deliver a scalable, cost-effective solution that minimizes risks to both cargo and naval assets."

Beyond its primary focus of vulnerable ship protection, the technology Raytheon is developing has the potential to deliver broader capabilities across a wide range of naval and security operations, including automated overwatch for medium and large USVs and manned combatants operating in multiple theaters.