

General Dynamics Delivers First Knifefish Surface MCM UUV to U.S. Navy



The first Knifefish surface mine countermeasure UUV system has been delivered to U.S. Navy six months after final acceptance tests were completed. *General Dynamics Mission Systems* QUINCY, Mass. – General Dynamics Mission Systems recently delivered the first Knifefish surface mine countermeasure unmanned underwater vehicle (UUV) system under a contract awarded by the U.S. Navy on Aug. 26, 2019, the company said in a March 18 release.

The contract, awarded immediately after a successful Milestone C decision and approval to enter low-rate initial production, calls for the procurement of five Knifefish systems (10 total UUVs) and support equipment.

Knifefish is a medium class mine countermeasure UUV intended for deployment from the Navy's littoral combat ship and other Navy vessels of opportunity. Knifefish will reduce risk to personnel by operating within minefields as an off-board sensor while the host ship stays outside the minefield boundaries.

“Together with the U.S. Navy's Program Executive Office for Unmanned and Small Combatants, our Knifefish team has worked to deliver critical mine countermeasure mission capabilities to protect our Sailors,” said Carlo Zaffanella, vice president and general manager at General Dynamics Mission Systems. “We designed Knifefish using an open architecture concept that can be quickly and efficiently modified to accommodate a wide range of missions.”

General Dynamics Mission Systems is the prime contractor for

the Knifefish program. The company designed the tactical UUV using an open architecture concept that can be quickly and efficiently modified to accommodate a wide range of missions. The Knifefish SMCM UUV is based on the General Dynamics Bluefin Robotics Bluefin-21 deep-water autonomous undersea vehicle.