

L3Harris to Design New Marine MUX UAS Electronic Warfare Payload

MELBOURNE, Fla. – L3Harris Technologies finished first in a contest to design an electronic warfare (EW) solution for the U.S. Marine Corps' future large unmanned aerial system, a network of early warning and intelligence, surveillance and reconnaissance drones to protect maritime forces, the company announced.

As part of the Marine Air-Ground Task Force Unmanned Aerial System Experimental (MUX) design challenge, L3Harris proposed an EW payload solution for the drone that includes the company's combat-proven technologies in software-defined, multifunction EW featuring advanced antenna arrays.

Once fielded, the MUX drone will be able to launch from a ship, perform reconnaissance and relay communication to deployed ground forces. The EW payload will provide the drone and its operators with situational awareness and protection from sophisticated electronic threats.

"L3Harris proposed the winning EW payload design based on proven technologies from across the newly merged companies, which can be integrated today in order to help the Marines realize their vision of initial operation capability for the new drone as early as 2025," said Ed Zoiss, president of space and airborne systems at L3Harris.