

Outdoor and Dock Exhibitors Offer Whatever Floats Your Boat



The M-80 Stiletto floating maritime experimentation platform in National Harbor. *SOLARES PHOTOGRAPHY*

NATIONAL HARBOR, Md. – From a Stiletto to a Rekognition Video Analyzer, outdoor and dock exhibitors are giving Sea-Air-Space attendees the opportunity to check out cutting-edge defense technology.

The carbon-fiber, 88-foot M-80 Stiletto is a floating platform devoted to maritime experimentation, with the goal of supporting the Joint Forces in countering emerging threats. Operated by Joint Prototyping & Experimentation Maritime, Stiletto allows its customers to evaluate and refine their technologies in realistic environments, using representative threats in tactics-based scenarios.

Stiletto tests about 60 to 65 different technologies every year, and more than half of its customers are small businesses, said Dennis Danko, JPEM-Stiletto joint prototyping maritime programming manager.

“We foster commercial innovation by giving small businesses and nontraditional system developers an opportunity to experiment on the water and gain a deep understanding of military missions and maritime operations,” he said.

Stiletto has the capability of working a few feet or hundreds of miles off the coast, and carries its own 11-meter rigid inflatable boat. It can also launch drones and other unmanned systems from its flight deck.

Danko said Stiletto has tested radar and cybersecurity technologies, network systems and even ergonomic seats for boats. It conducts environmental vulnerability assessments for technology systems and engineering evaluations, including various coatings to prevent marine growth.

The Rekognition Video Analyzer is part of a partnership between Amazon Web Services, Viasat and Federated Wireless.

The Viasat system can detect objects from water, piers, docks, land vehicles, paths and even clothing or other apparel, said Steve Conklin of Viasat. Amazon’s Rekognition system analyzes the data, protecting text, data and other communications. Federated Wireless provides secure 5G encryption and protection.

“We can set up in any kind of edge location or disaster environment,” Conklin said, noting that two weeks ago, the system was operational in Poland, on the front lines of the Ukraine conflict.

On Tuesday, April 5, L3Harris Technologies will give tours and rides from the dock on its autonomous boat to showcase its C5ISR-T technology.