

# FAQs – Uncrewed Surface Vehicles for Nearshore Mapping

Last updated August 28, 2025

**Is a complete solution desired, including the platform and sensors, or just the platform? Does ERDC have desired acoustic (MBES, FLS, SBES, SSS) sensors that are preferred?**

ERDC is interested in both. If a performer has a total package, ERDC would love to learn more. At a minimum, ERDC is looking for platforms. If some vendors have some surf zone specific payloads (SSS, MBES, FLS, SBES, etc.) ERDC would be interested in those as well.

**For the referenced white paper, are you looking at uncontested civil applications, contested expeditionary applications, or clandestine operations?**

ERDC is looking at uncontested civil applications and contested expeditionary applications. It envisions a lot of the technology will cross those mission spaces.

**Would an AUV LIDAR system integrated to the USV be acceptable in the near shore characterization?**

If AUV refers to an aerial vehicle, then no, ERDC is not interested in airborne sensors or platforms. ERDC is interested in underwater lidar if it has applicability in the surf zone and breaking wave conditions.