

SEA Deliver KraitArray ASW Sensing Technology for Liquid Robotics Wave Glider

[Release From SEA](#)

SEA has been awarded a multi-million-pound contract to supply its advanced KraitArray undersea sensing technology to [Liquid Robotics, a Boeing Company](#), for integration into the company's Wave Glider uncrewed surface vehicle (USV). The agreement will see SEA provide 22 KraitArrays to support uncrewed autonomous maritime surveillance and undersea detection capabilities.

Building on more than a decade of collaboration between SEA and Liquid Robotics, the project marks an important milestone in the global scaling of anti-submarine warfare (ASW), intelligence, surveillance and reconnaissance (ISR) and maritime domain awareness (MDA) payloads for uncrewed platforms, with both companies able to innovate with agility and deliver at scale.

Richard Flitton, Managing Director of SEA said, *"As global navies respond to rapidly expanding subsurface and autonomous threats, platforms like the Wave Glider equipped with KraitArray technology will offer a proven, highly scalable solution for persistent littoral surveillance. Our longstanding partnership with Liquid Robotics has been fundamental in shaping a capability that is ready to meet operational demands now and into the future."*

Renowned for its exceptionally low size, weight, and power (SWaP) and drag characteristics, the KraitArray delivers high-end passive acoustic detection performance in a compact, modular form, purpose-built for uncrewed platforms such as the Wave Glider. KraitArray technology has been continuously developed and refined over 15 years, with the latest variant

released four years ago to meet the specific demands of long-endurance autonomous systems. The continuous investment in product innovation, facilities and manufacturing capacity keeps KraitArray technology at the forefront to meet growing market demand.

Paulie McCartan, Head of Undersea Products at SEA said “KraitArray was engineered from the outset to unlock the full potential of agile and uncrewed platforms. This latest contract signals growing global adoption of this technology and reflects confidence in SEA’s ability to deliver a lightweight, high-performance sonar solutions that are cost-effective, flexible, and operationally reliable.”

Jimmy Board, Head of Business Development at Liquid Robotics said, “Our partnership with SEA is central to enhancing Wave Glider capabilities. KraitArray’s high-performance passive detection allows us to expand autonomous ASW and ISR operations, delivering scalable and reliable undersea sensing solutions for the next generation of uncrewed maritime missions.”

With more than 50 systems already deployed across the UK, Europe, the Americas, Asia and Australia, KraitArray has rapidly established itself as the preferred choice for uncrewed towed array autonomous undersea sensing and ASW operations across the globe.