

## SEABER Crosses the English Channel

*The SEABER Micro-AUV World-First crossing the English Channel*

The SEABER micro AUV, developed by a focused, experienced, and passionate team of engineers and researchers, has recently made headlines by successfully crossing the English Channel. This crossing was a world-first for a micro-AUV and was completed in just eight hours. The uncrewed vehicle is small in size, measuring just over one meter in length and weighing under 7 kilograms, and can be deployed by one person. Despite its small size, it has proved to be a powerful tool for ocean exploration and data collection. The SEABER micro AUV is equipped with a range of sensors and cameras, allowing it to navigate autonomously through the water and collect data on its surroundings



[SEABER Crosses the English Channel](#)

## BlueZone Group Training with Saab in Sweden

*BlueZone Technicians attended OEM training in Sweden in May 2023*



In May 2023, two BlueZone technicians attended OEM service and maintainer training in Sweden for the AUV62-AT, to ensure that the service for these vehicles in Australia will be of the very highest quality. BlueZone Group and Saab have been working together for 23 years, with BlueZone supporting and servicing the Saab Double Eagle mine disposal system since it began operation in Australia, and the relationship is stronger than ever.

The AUV62-AT training target is a low-cost alternative to training with submarines for ASW. The system can be used as a target for training surface, air, and sub-surface ASW assets in any combination and can be programmed to deliver all levels of training from basic to advanced.

[BlueZone Group Training with Saab Sweden](#)

## MARTAC Launches Newest Devil Ray

*MARTAC has unveiled its newest USV: The Devil Ray T24*

Maritime Tactical Systems, Inc. (MARTAC), an innovator in Maritime Autonomous Surface Vessels (ASVs) unveiled its much-anticipated Devil Ray T24 (7m) ASV from their Devil Ray Production Facility in May 2023. The base configuration Devil Ray T24 (T24) is designed as a high performance ASV capable of burst speeds up to 50 kts, open ocean cruising ranges up to 600 nautical miles, and a payload capacity up to 1,800 pounds.



The T24 was designed and developed from concept to empower operators to execute missions with multiple advanced above and below-surface sensors over both line of sight and satellite datalinks. The T24's use of advanced automation and Collision Avoidance Systems (CAS) provides the level of trust necessary to conduct missions with significantly reduced human intervention or oversight. In addition to its inherent autonomy, the T24 is built on an agile technology stack which is Interoperable and Interchangeable (I2I) allowing easy adoption of emerging Artificial Intelligence (AI) capabilities.

[MARTAC Launches Newest Devil Ray](#)

# Australian Hydrographers Association (AHA) 23 Conference

*The AHA 23 Conference: A Resounding Success*



In May 2023, BlueZone Group attended the Australian Hydrographers Association (AHA) 2023 conference held in Penrith, Sydney. This year, as in previous years, it was an exceptional event that was dedicated to water industry representatives from Australia and the Asia Pacific Region with an interest in the profession of Hydrography. As a leading provider of innovative solutions to the hydrographic sector, BlueZone values quality opportunities to collaborate with business partners to ensure we deliver the latest technology and best services to our clients.



During the event, BlueZone's attendees enjoyed engaging with fellow participants sharing their expertise and insights on the latest advancements in hydrographic solutions. The event highlighted the importance of leveraging technology to improve the accuracy, reliability, and accessibility of hydrographic data, ultimately enabling better decision-making processes.

[Australian Hydrographers Association \(AHA\) 23 Conference](#)

## Severn Marine Technologies ClearSignal® Coating

*ClearSignal®: Designed to Last*

Severn Marine Technologies are the developers and applicators of the ClearSignal® biofouling control coatings. Currently, Severn Marine Technologies is in year two of a multi-year program to support the Office of Naval Research (ONR) in developing biofouling solutions for undersea optical instruments. The program supports coating development and testing, active complimentary cleaning methods, and long-term practices and recommendations.

ClearSignal® is a clear non-toxic coating that resists biofouling as a result of the non-stick properties of the coating itself. ClearSignal® utilizes advanced material technologies to achieve its properties and performance. The product is permanent coating that is designed to last the life of the platform or instrument it is protecting.



[ClearSignal Coatings](#)

## The BlueZone Team

*Enquire about future possibilities at BlueZone*



BlueZone offers employees the opportunity to discover a career in the last frontier – the world's oceans. Join a company with a passion for innovation, excellence, and solution delivery. If you are interested in joining the team at BlueZone, follow the link below to send through your enquiry and details.

[The BlueZone Group team](#)

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## Events

### Hunter Defence | 2023 Hunter Defence Conference | Hunter Valley | 23 - 24 August 2023

The Hunter Defence Conference is Australia's premier regional Defence event, attracting over 220 delegates and keynote speakers from the defence sector nationally.

The format for this year's event has been refined and enhanced based on attendee feedback, and will feature a two-day conference, SME exhibition, cocktail evening, and gala dinner. The agenda will centre around the impact on the Hunter Region of two of the most important Defence initiatives in recent history: the Defence Strategic Review and AUKUS. The Conference will provide a key opportunity to hear the latest updates on both initiatives from key government, industry, and Defence personnel, as well as take part in critical discussions about what they mean for the region and what Defence in the Hunter will look like in the future.

[Upcoming Events](#)

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## New Products & Services

Xeos Technologies Inc.  
*Ares Duo Sensor*

The Xeos Ares Duo is an all-in-one turbidity and chlorophyll-a sensor designed for easy integration to measure key water quality parameters. Featuring state of the art technology, the Ares Duo is perfect for measuring water clarity for environmental water quality monitoring, oceanographic research, marine operations and aquaculture monitoring.

Key Features include:

- Ultra bright energy-efficient LEDs
- Fibre optics to improve efficiency and size
- Individually calibrated with laboratory standards



[Xeos Ares Duo Sensor](#)

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