

## SEABER'S First Micro-AUV Deployment from an Unmanned Air System

The YUCO Micro-AUV had its first successful air deployment during a REPMUS exercise

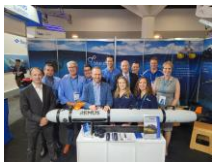
Seaber has successfully completed their first Micro-AUV deployment from an Unmanned Air System during an exercise at the Robotic Experimentation and Prototyping using Maritime Uncrewed Systems (REPMUS) event in Portugal. Together with Schiebel, Marinha Portuguesa and the French Navy, Seaber attached the YUCO to the Schiebel Camcopter S100 with a cable, dropped the micro-AUV from the unmanned air system. After deployment, the YUCO carried out the mission and recovered via a RHIB vessel.



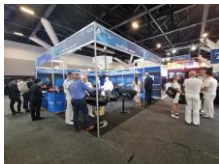
[SEABER's first Micro-AUV deployment from an Unmanned Air System](#)

## Indo Pacific International Maritime Expo 2023

BlueZone successfully exhibits at Indo Pac 2023



BlueZone Group hosted their largest booth with the support of James Barratt, Managing Director of Blueprint Subsea and Nick Devine, VP of Strategy and Business Development of Strategic Robotic Systems (SRS). The equipment on display in the booth included the Suex Diver Propulsion Vehicles (DVPs), Blueprint's Artemis Pro Navigation System and Diver Head Mounted Unit, the SRS ROV vehicle, the Seaber YUCO-SCAN Micro-AUV, HII's REMUS 300, and SEA's KraitArray.



During the event, BlueZone was able to meet existing customers and partners in person, while establishing new connections. The equipment on display created a lot of attention at our booth, allowing BlueZone to demonstrate experience towards defence capabilities such as Mine Clearance Diving, Military Survey, Advanced Submarine Capability, and Special Forces. The team at BlueZone extends a warm thank you to everyone who assisted with and visited the booth throughout the expo. We are looking forward to the next Indo Pacific in 2025!

[Indo Pacific International Maritime Expo 2023](#)

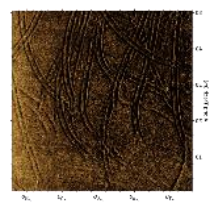
## Kraken Robotics Supports Multiple Countries at NATO Exercise

The Robotic Experimentation and Prototyping with Maritime Unmanned System (REPMUS) Exercises 2023

Kraken Robotics Inc recently announced their participation at Exercise REPMUS 23 in Portugal. Kraken's field support team was onsite throughout the exercise, working closely with three NATO navy teams (the US, UK, and Netherlands) utilising three generations of HII's REMUS unmanned underwater vehicles (UUVs), all of which were retrofitted with Kraken's Man-Portable Synthetic Aperture Sonar (MP-SAS). The UUVs included MK18 Mod 1, REMUS 100 NGR, and REMUS 300 underwater vehicles, showing the versatility of MP-SAS and its capability to be used across multiple platforms.



Kraken's MP-SAS provided ultra-high-resolution real-time imagery, with swaths of over 200 meters (> 100 meters range per side), providing operators with a significantly increased area coverage rate. Kraken also took part in a historic multi-national collaborative underwater vehicle mission, where the US Navy MK 18 Mod 2 conducted a Search-Classify-Map (SCM) mission including embedded Automated Target Recognition (ATR) identifying contacts of interest and using SeeByte's Neptune automatically re-tasking the Royal Navy REMUS 100 and the Netherlands Navy REMUS 100 with Kraken SAS to perform Reacquire and Identification (RI) missions.



[Kraken Robotics Supports Multiple Countries at NATO Exercise](#)

## Stork Remote System's New RC Kits

### Remote System for Teledyne RDI StreamPro ADCP



Stork Remote System (SRS) has designed a low-cost remote-controlled drone that allows TRDI StreamPro ADCP users to perform discharge measurements in streams, rivers and lakes easier and faster, without even entering the water. Performing a discharge measurement with an ADCP is not always easy. Easy to mount, plug & play set of two thrusters, battery package and R/C controller. Changing your standard tethered float into Unmanned Surface Vessel (USV) will take only few minutes.

Stork Remote Systems is a set of dedicated thrusters mountings and battery compartment – both ideally fits a standard StreamPro ADCP float. No custom works required, no bolts, no permanent modification. Transforming your tethered boat into USV will take only 5 minutes and you can detach it easily if needed.

[Stork Remote System's New RC Kit](#)

## SRS Fusion Multi-Mode System – AUV Mode

### Bringing Subsea Exploration to the Next Level

The SRS FUSION can operate as an untethered AUV by executing preprogrammed missions designed in the User Interface and loaded into the FUSION. Mission designs can vary from traditional grid pattern surveys to more complex designs that include varying altitude, heading and velocity. Additionally, with FUSION a vectored vehicle further mission specifics can be applied such as orbit marker and pitch. Operators can set sensor data acquisition preferences to include forward looking sonar, side scan sonar, video, etc.



While operating in AUV mode the USBL system can be used to track FUSION as well as send commands such as abort or change mission. The USBL FUSION can be acoustically commanded to perform tasks such as drop payload, orbit or return home. The mission endurance while operating in AUV mode is approximately 3-4 hours depending on operating conditions.

[SRS Fusion Multi-Mode System – AUV Mode](#)

## 2023 STEM Expo - Choose your Future

### BlueZone Attended the Hunter Schools STEM Career Expo



BlueZone attended the 2023 Hunter schools STEM careers expo “Choose Your Future” in Newcastle NSW in October 2023. The expo was attended by 400 STEM students from the Hunter region who were looking for career and educational pathway advice and guidance. The expo exposes students to career options that they may not otherwise have known existed.



Students were given information about the organisations presenting at the expo prior to attending, so they had the opportunity to research their areas of interest and then talk to the representatives. The students were very interested in the equipment supplied, engineered, and sustained by BlueZone and it was an honour to talk to these students about education and career path options that can lead to working with robotic and autonomous systems with us.

[2023 STEM Expo - Choose your Future](#)

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## New Products & Services

### Teledyne LBV SeaBotix ROV

Second Hand SeaBotix ROV for Sale

A second-hand Teledyne SeaBotix LBV is available for sale to our customers. The LBV vehicle was originally purchased in 2009, is in good condition and has had several updated performed.

The SeaBotix ROV products are equipped with a variety of standard features, SeaBotix MiniROVs are extremely manoeuvrable. All systems perform a multitude of tasks and are designed for harsh underwater environments. All LBVs include a high-resolution video camera, LED lighting that tracks the camera, depth, temperature and heading sensors, auto-depth, heading, and trim (speed), and intuitive controls within an Integrated Control Console (ICC) that includes a 38 cm (15 in) daylight-readable LCD monitor.



If you are interested in this vehicle, [contact](#) the team at BlueZone for more information.

[Teledyne SeaBotix LBV](#)

### Obscape

Time-Lapse Camera



Obscape's Time-Lapse Camera is a fully robust, wireless solution that transmits real-time images through the built-in solar panels. The wireless nature and compact design of the camera makes it easy to deploy in a range of environments. The Time-Lapse camera is ideal to fill the gaps and achieve dense coverage of spatial and temporal dynamics within the area of interest.

Key Features include:

- Up to 5MP resolution
- Real-time data up to 4G (Single images at internal)
- Multiple mounting options
- Solar Powered

[Obscape Time-Lapse Camera](#)

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