

Acting Australian Prime Minister, Richard Marles Visits BlueZone Group

BlueZone Hosts the Acting Prime Minister of Australia, Federal Member for Paterson & Federal Member for Hunter at the Thornton, NSW Facility.

BlueZone was honoured to host Richard Marles, the Acting Prime Minister of Australia & Minister for Defence in addition to the Federal Member for Paterson, Meryl Swanson and the Federal Member for Hunter, Dan Repacholi at our Thornton, NSW site. It was great to be able to show our guests the exciting technology we work with in remote and autonomous systems for maritime application and talk about where we have come from and our skills taking us into the future.



The BlueZone team were able to demonstrate how the Double Eagle mine disposal system operates and is used for MCM operations. On display was also the Blueprint Diving Navigation Systems including the Artemis Pro Navigation System and the Oculus Sonar. BlueZone Director, Darren Burrows presented the Offboard DCL project using the Wave Glider USV in conjunction with the Krait Array™ for Anti-Submarine Warfare (ASW) capabilities. A great interest was shown regarding how the innovation of this technology is leading the way for ASW sensors and unmanned platforms.



[Acting Australian Prime Minister, Richard Marles Visits BlueZone Group](#)

Hunter Defence Conference 2023

The Hunter Defence Industry collaborated to discuss current events, issues and the path forward



The Hunter Defence Conference 2023 was held in August in the Hunter Valley and attended by the large primes, NSW SMEs, academia, and the Department of Defence. The conference was yet again a fantastic opportunity to build networks and reconnect with our peers, as well as to discuss the future of our industry. The annual event has become Australia's premier regional Defence event, offering excellent program quality.



BlueZone Group has been an important part of the Hunter Defence industry, and we look forward to the developments to come from the Defence Strategic Review and we are certain that Mr Conroy will ensure that the Hunter is considered and utilised so it can continue to contribute to Australian Defence.

[Hunter Defence Conference 2023](#)

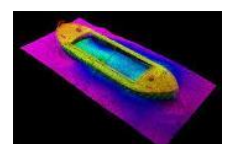
Teledyne Marine's Multibeam SeaBat T51-R

Revolutionary technology, Outstanding performance

Teledyne Marine's new SeaBat T51-R pushes the boundaries of what is technically possible. It is the latest addition to our class-leading portfolio of marine survey solutions. Built on the renowned SeaBat T-series technology crafted from decades of sonar experience, the SeaBat T51-R helps drive efficiency onboard with fast throughput of exceptionally clean data and precise imagery. A detailed knowledge of the shape of the seafloor is crucial to humankind. Bathymetry data is critical for safety of navigation, environmental considerations, charting, and many other applications.



Teledyne Marine has developed a revolutionary multibeam echosounder which offers outstanding performance, mapping in greater details than ever seen before. The unrivalled true 800 kHz technology offers high-frequency resolution without compromising swath coverage, giving up to 150 degrees full swath width allowing for superior efficiency and short survey turn-around time. For more information contact [Mark Hegarty](#), Group Sales Manager at BlueZone Group.



[Teledyne Marine's SeaBat® T51-R](#)

SRS Fusion ROV - Multi-Mode System (ROV Mode)

Bringing Subsea Exploration to the Next Level



The SRS FUSION ROV is a unique system in many ways of which one is the ability to operate in different modes. The out of the box FUSION is a highly capable tethered ROV system providing real time feedback and interaction. Imagine a singular asset that can quickly transform between desired applications utilizing the same intuitive user interface.

In tethered ROV mode FUSION provides real time control and sensor data to the HMI. There are different operational modes including joystick control, control mode and mission mode. The ultra small diameter tether has minimal impact on the performance/capability of FUSION and the longer lengths benefit larger excursions. In ROV mode operators are also able to interact with optional devices fitted such as manipulators, payloads or third-party devices.

[SRS Fusion ROV - Multi-Mode System \(ROV Mode\)](#)

Upcoming Events

Teledyne Marine | Teledyne Marine Technology Workshop | Bangkok | 17 - 18 October 2023

The Teledyne Marine Technology Workshop (TMTW) conference consists of 2 days of presentations and demos of the latest Teledyne Marine products. The first day of the Teledyne Marine Technology Workshop 2023 in Bangkok, Thailand will be a full conference day. Teledyne Marine and operator speakers will introduce the Teledyne Marine product range and highlight some of the most interesting applications. The second day is dedicated to breakout sessions and on-water demonstrations.

SUT | Autonomous Marine Technology (AMT) Conference | Perth | 18 - 19 October 2023

The Autonomous Marine Technology (AMT) Conference will be held in Perth, Western Australia in October. The conference aims to showcase the rapid advances in the AMT field along with demonstrating real world and future potential applications of the different technologies within our marine environment. This long running and well reputed conference continue to be one of the most globally essential knowledge centres and networking opportunities in this field, allowing delegates to meet with industry leaders, academics and researchers in this innovative section of subsea development.

AMDA | Indo Pacific International Maritime Expo | Sydney | 07 - 09 November 2023

The Indo Pacific International Maritime Exposition is the region's premier commercial maritime and naval defence exposition, connecting Australian and international defence, industry, government, academia, and technology leaders, in the national interest. The three-day event is a platform for engagement and incorporates an international industry exhibition, specialist conference program featuring presentations and symposia from leading maritime institutions and networking opportunities. BlueZone is looking forward to meeting many of our customers in Sydney. [Request](#) a meeting or come and visit the team at Stand 4L6.

[Upcoming Events](#)

New Products & Services

SEABER

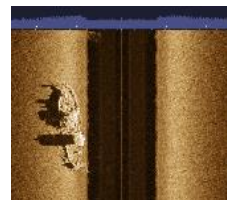
YUCO-SCAN Micro-AUV

YUCO-SCAN is equipped with a 680kHz Side Scan Sonar from DeepVision and provides great quality images with high stability, accurate navigation and is capable of managing coastal areas with waves and current. It comes with a DVL, to compensate current, improve positioning and keep altitude from the seafloor.

The YUCO-SCAN can be combined with optional video and light to provide a complete underwater vision package and leading the way to new uses in bathymetric survey or photogrammetry.

Optional Features available for the YUCO-SCAN:

- Camera & Light: GoPro enclosure integration on the YUCO-SCAN with Lumen Subsea Light to provide colour footage of the dive.
- NiMH batteries instead of Lithium.

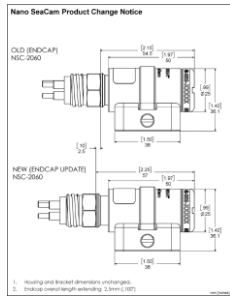


[Seaber YUCO-SCAN](#)

DeepSea Power & Light

Product Change Notice - Nano SeaCam Housing Length

Since their introduction, the Nano SeaCam and Nano SeaLite products have had a 0.100" (2.5 mm) difference in the overall length of their respective housings. This difference in length is the result of the endcap geometry between the two products. In an effort to standardize parts across our product families, DeepSea is updating the Nano SeaCam housing design to use the same endcap geometry as the Nano SeaLite. The result of this change is that the length of the Nano SeaCam will increase from the front to the endcap seat by 0.100" (2.5 mm). The included dimensional drawing of the old and new NSC-2060 shows the increase in length.



This increase in overall length affects 6km-rated Nano SeaCam configurations using MCBH and BH-style connectors regardless of manufacturer. It does not impact models which are fitted with CSMS-A-J-type connectors or those which are rated for 11km operation. For those models which will have the increased length, there is no impact to performance or functionality

[DeepSea Nano SeaCam](#)

Newcastle

+61 2 4964 3500
21 Huntingdale Drive
Thornton, NSW 2322, Australia

Perth

+61 8 6595 1500
Unit 1, 41 Discovery Drive
Bibra Lake, WA 6163, Australia

www.bluezonegroup.com.au

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