

BlueZone Group at Maritime RobotX

Enhanced Endurance, Mission Capacity and Odyssey™ Advanced Autonomy

BlueZone Group was pleased to attend the Maritime RobotX competition hosted at the Sydney International Regatta Centre. This international competition gives teams of university students a unique opportunity to develop their skills in autonomous robotics. All teams were required to use the 16' WAM-V surface craft manufactured by Marine Advanced Robotics as their primary competition boat to complete a series of tasks. RobotX is intended to foster students' interest in robotic systems operating in the maritime domain, with a particular focus on the science and engineering of cooperative autonomy.



[BlueZone Group at Maritime RobotX](#)

BlueZone visits Saab in Sweden

BlueZone travels to Sweden for a Factory Acceptance Test on the AUV62-AT



BlueZone Group's Lead Engineer for the AUV6-AT contract, Daniel Robins, travelled to Sweden in July 2022, to complete the IASWTT Factory Acceptance Testing (FAT) on the AUV62-AT Intermediate Anti-Submarine Warfare Training Target with Saab. BlueZone's, Electrical Engineer, Curtis Schur and Senior Technician, Grant Maddison assisted Daniel with the FAT, and observed and participated in the maintenance and trials of the AUV62-AT. During the visit, the BlueZone team were able to gain an understanding of the workshop facilities and utilise the information as a guide for the workshop setup in the Newcastle. In 2021, BlueZone officially signed a five-year contract with Saab to manage operations, maintenance and repair for the Royal Australian Navy's AUV62-AT Intermediate ASW Training Target.

[BlueZone visits Saab in Sweden](#)

RNZN Testing USV Operations

MANTAS T12 USV for hydrographic and bathymetric survey

The Royal New Zealand Navy's littoral warfare unit, HMNZS Matataua, has completed trials with an uncrewed surface vehicle (USV). BlueZone Group has provided a three-month lease of a MANTAS T12 USV from Maritime Tactical Systems (MARTAC). The USV was used to investigate whether USVs can fill the gap between autonomous underwater vehicles and uncrewed aerial systems to provide seamless capabilities. A spokesperson from the New Zealand Defence Force (NZDF) said that the lease provided a proof-of-concept period to assess the feasibility of the USV and answer battle lab research questions.



[RNZN Testing USV Operations](#)

Spark It!

School Immersion Program for Electronics, Electrotechnology & Engineering Careers



More & more women in Australia are making a real difference through a career in electronics and engineering. The NSW Dept of Education's Spark It! program is a 'hands-on' experience training female students across 8 days as they design, draft, and build an electrical continuity tester. Members of the BlueZone team spoke to the students and shared their experiences about studying and what opportunities are available. During the visit, the students had a tour of the facility and learnt about the latest equipment such as the Double Eagle, WAM-V and Wave Glider.

[RIEP - Connecting schools & business](#)

The BlueZone Team is Growing!

Join the BlueZone team in the Newcastle or Perth Office

The positions BlueZone are seeking to fill include:

- Senior Technician – Newcastle Office
- Electrical Technician – Newcastle Office

More details about these positions and how to apply can be found on the BlueZone Group employment webpage or through the link below.



[BlueZone is hiring!](#)

New Products & Services

DeepSea LED SeaLite Housing Update

Robust Industry Workhorse and Configurable for any Application



DeepSea have changed the final coating of the LED SeaLite products to a hard natural anodize. The new coating specifications will be similar with respect to the toughness and corrosion resistance of the resulting surface finish, with the natural DI seal process proving marginally better. The new coating features will change the housing from matte black to a dark grey & dark olive-green appearance. Due to the design changes to the products, internal part number will also be changed.

[LED SeaLite features](#)

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