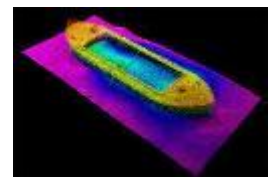


BlueZone Group visits Teledyne Reson in Denmark

Reson SeaBat® T51 Multi-Beam Echo Sounder training

BlueZone Group's Electrical Engineer Curtis Schur and Senior Technician Grant Maddison travelled to Teledyne Reson, Denmark in July 2022. Curtis and Grant's training at Teledyne Reson included maintenance and software system upgrades for the latest underwater acoustic equipment. Exercises for the Reson SeaBat® T51 Multi-Beam Echo Sounder (MBES) included the theory and practice of sonar operations and concepts.

The Reson SeaBat® T51-R is the latest addition to the SeaBat® T-series product range with four times the resolution and built of the shoulders on the renowned SeaBat® T50. BlueZone Group has worked together with several Teledyne Marine companies since the 1980s, demonstrating the capability of a sovereign Australian SME to provide effective support to Teledyne's technical heritage.



[BlueZone visits Teledyne Reson](#)

Andrew Roth celebrates 20 years within BlueZone!

Congratulations Andrew!

BlueZone extends their best wishes and thanks to Andrew Roth for the 20 years of service with the company. Andrew first joined ATSA Defence Services in 2002 as a Senior Technician, where he assisted servicing and repairing Saab's Double Eagle systems. As the company grew and joined with UVS in 2011, Andrew's role within the company expanded into a Technical Sales Manager. The increased demand of the company progressed Andrew's career into a Purchasing and Logistics Coordinator, overseeing the procurement of goods and services.

Andrew has been an invaluable member of BlueZone and has proudly represented the company through numerous conferences, exhibitions, and the ME Program through RDA Hunter. Everyone at BlueZone is grateful for his contribution and presence at BlueZone Group.



[Andrew celebrates 20 years](#)

Military Surveys at RIMPAC 2022

The Deployable Geospatial Survey Team 2 use RIMPAC 2022 for AUV training

The world's largest international maritime exercise, the Rim of the Pacific (RIMPAC) was conducted in and around the Hawaiian Islands and Southern California from the 29th of June to 4th of August 2022. RIMPAC provides a unique training opportunity for 26 international partners, to undertake realistic and relevant operations that are critical to ensuring the safety of sea lands and security on the world's ocean.

The maritime exercises foster and sustain cooperative relationships among participants, that are critical to ensuring the safety of sea lanes and security of the world's oceans. Autonomous Underwater Vehicles (AUVs) were used by the Deployable Geospatial Survey Team 2 (DGST 2) for Mine Countermeasures (MCM). DTSG 2 worked with the USN to operate the REMUS 100 Uncrewed Underwater Vehicle (UUV) to support operations in the Pacific.



[Military Surveys at RIMPAC 2022](#)

Multi-Shot Mine Neutralisation

The Future of Mine Disposal with Evergreen Technology Capability



The Saab Multi-Shot Mine Neutralisation System (MuMNS) provides many advantages to the difficult and enduring business of Mine Neutralisation. The Royal UK Navy and the France Marine Nationale have taken over five years of training to turn the MuMNS prototype into an industrialised product, optimised for unmanned mine neutralisation. The advancement of Remote and Autonomous Systems (RAS) has been the catalyst to “take the man out of minefield”, by reducing the risk and removing personnel from the MCM platform.



The most important design consideration for future evergreening of mine neutralisation systems is the ability to operate from a small vessel that is unmanned. Deployment from a USV introduces the need for the MuMNS to be highly reliable and provide significant margins for safety and operations. It has become apparent how successful these design features are implemented by the MuMNS, by enabling the future of mine disposal using RAS technology.

[Multi-Shot Mine Neutralisation](#)

The BlueZone Team is Growing!

BlueZone Group is currently hiring for the following positions

- Electrical Technician – Newcastle Office
- Senior Technician – Newcastle or Perth Office
- Technical Sales Manager – Perth 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](#)

Events

Teledyne Marine Asia Technology Days 2022

BlueZone is proud to be attending the Teledyne Marine Asia Technology Focus Days on the 19th – 20th of October 2022, in George Town, Malaysia. The two-day conference will introduce the latest product range and highlight some of the most innovative applications. This technology showcase is designed to provide more information about the Teledyne Marine One Team and a vast array of technology solutions.

[Upcoming Events](#)

New Products & Services

Aquatec Subsea Dataloggers

Deploy, Measure and Log with Confidence



The AQUAlogger® series includes standalone data loggers to produce precise long-term records, wireless instruments for use on commercial fishing vessels and deep-water loggers.

Aquatec's dataloggers include:

- AQUAlogger 520 – A compact, self-contained, and wireless instrument, providing a cost-effective solution for measuring temperature and depth underwater.
- AQUAlogger 530 – A wireless logger with a robust design, ideal for repetitive deployments and the optimum solution for crowdsourcing data.
- AQUAlogger 310PT – Provides accurate temperature and depth measurements in real time up to water depths of 6,000 m.



[Aquatec Loggers](#)

Aquatec Sediment Profilers

Deploy, Measure and Log with Confidence

The AQUAscat® 1000 family incorporates a range of high-frequency acoustic instrumentation. It has applications in sediment transport studies, including measurement of suspended sediment profiles, precision altimetry, dredge plumes and turbulence.

Aquatec's products include:

- AQUAscat 1000R – A research model supplied with four cabled transducers, and a temperature and pressure sensor as standard. The AQUAscat 1000R can observe profiles up to 10 m.
- AQUAscat 1000S – A survey model with four fixed transducers, and a temperature and pressure sensor as standard. Can be used to 1,000 m depth with custom instruments available for greater depths.



[Aquatec Sediment Profilers](#)

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