

Merry Christmas



From all the team at BlueZone Group, we would like to wish all of our customers and suppliers a very Merry Christmas and a Happy New Year!

Our crew has enjoyed supporting your work in Australia's deep oceans, coastal seas, rivers and water infrastructure in 2018. We look forward to working with you in 2019 to stay Ahead of the Tide in all areas of science, business and industry.

Christmas & New Year Shutdown - Newcastle, Melbourne & Perth

Last working day: Friday 21 December

All offices re-open: Wednesday 2 January

RAN Minehunters lead the pack in mine detection, identification and neutralisation

BlueZone Group congratulates HMA Ships Huon and Gascoyne contributing to the Multi-National Navy Mine Warfare Exercise 2018 (MNMIWEX) in the Republic of Korea.

Both Huon and Gascoyne conducted a lengthy transit of more than 4,000 nautical miles to the exercise via stops in Darwin and Subic Bay - the longest transit ever completed by Australian Minehunters.

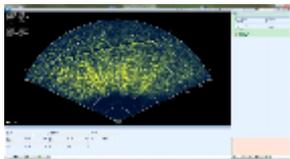
During the exercise, both RAN units operated ships sonar and remote mine disposal vehicles (MDV) in the detection and identification of six underwater mines. BlueZone Group provides support to the RAN for all aspects of the Double Eagle Mine Disposal Vehicle operations.



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First images from the new RESON SeaBat F50 forward looking sonar

Teledyne Reson has released images from the new SeaBat F50 forward looking sonar at TMTW 2018 Europe in Cannes. The SeaBat F50 is the latest sonar build on the new SeaBat sonar technology.



The SeaBat F50 is a high-resolution forward-looking sonar system operating at 200kHz or 400kHz that illuminates a wide 140° horizontal sector ahead of the sonar head assembly. The SeaBat F50 may be mounted on a surface vessel, submarine, AUV or ROV and is available in depth ratings up to 6000 meters.

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REMUS 600 with HISAS 2040 Synthetic Aperture Sonar

Hydroid Inc., has successfully completed testing of the REMUS 600 Autonomous Underwater Vehicle (AUV) with the newly integrated HISAS 2040 synthetic aperture sonar. This advanced technology allows for higher resolution sonar images than conventional sonars.

The versatility and capability of the REMUS 600 platform was demonstrated at Autonomous Warrior 2018 when the DST Group REMUS 600 fitted with a 2G Robotics laser module was used to obtain high resolution data and imagery of Mine Like Objects and seafloor features.



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Events

Please join BlueZone Group at these upcoming events!

We are keen to talk to you about how innovative new technologies offered by BlueZone can solve issues for your challenges in Australia's oceans, coastal seas and rivers.

We are happy to answer your questions and arrange on-site demonstrations and further discussion if required.

Ocean Business - 9 to 11 April - Southampton UK

BlueZone Group will be at Ocean Business in Southampton again in 2019 and we are looking forward to meeting with existing and new suppliers, colleagues and friends. Please contact us to set up a meeting if you would like to discuss and issues about sales and support of leading underwater technologies in Australia and New Zealand.

New Products & Services



Perth Live Pressure Testing

Assuring High Quality Cable Assembly Delivery

The existing hydrostatic pressure test capability at the BlueZone Perth facility has been improved with the addition of the capability for live testing of cable assemblies and Electric Fly Leads (EFLs). Customer-specified test cycles including live testing for continuity, isolation and insulation at pressure up to 3000psi (2000 metres of seawater).

The capability for live pressure testing includes electrical connection for 4-pin and 7-pin Electric Fly Leads (EFLs) and up to 8-pin cable assemblies. The live pressure testing capability supports the BlueZone commitment to delivery of high-quality cable assemblies and connector moulding that customers can depend on for subsea operations.

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Teledyne CARIS to Adopt New Licensing Technology

Teledyne CARIS™ has announced a move to new software licensing technology. Clients will first see this implemented in conjunction with the upcoming release of Bathy DataBASE™ 5.2, with integration into other CARIS applications scheduled for the coming months. With this new licensing technology, Teledyne CARIS is responding to changing market requirements and customers wishes as well as preparing for new options for future software deployment.

Key benefits of this new technology include:

- Convenient and easy softkey activation
- The elimination of physical hardware removes the possibility of damage or loss
- No more need of a separate licensing tool
- Faster software purchase and setup
- Improved license usage transparency for network license users

CARIS Onboard is ideally suited to multibeam Unmanned Surface Vehicle platforms providing real-time processing of data.

For more information about the new licensing technology and effects on your organisation, please contact Mark Hegarty, GM Oceanographic at BlueZone Group.

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