

BlueZone a Finalist for Optus My Business Awards 2018

Ahead of the Tide™

BlueZone is pleased to announce selection as a finalist for the Optus My Business Awards 2018 in the new category for Defence Business of the Year.



BlueZone Group CEO, Neil Hodges, said that nomination as a finalist was a significant recognition for the BlueZone team that operates nationally from offices in Newcastle, Melbourne and Perth. "BlueZone provides sales, service and engineering design for subsea equipment including robotics and marine autonomous systems for markets including Defence, offshore oil & gas and water infrastructure," said Neil, "Founding of the company was driven by a desire to take the lessons-learned from working in large defence organisations and apply the best principals in an agile high-technology service business for the benefit of the end customer – sailors at sea."

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Buzzards Bay to Jervis Bay

Supporting Marine Autonomy around the Globe

BlueZone is active around the globe in October/November with major events planned for the support of maritime robotics and unmanned systems in Australia.

In October a team will head to Buzzards Bay in Massachusetts to support the Factory Acceptance Test for the New Generation REMUS 100 Autonomous Underwater Vehicle. New Generation REMUS is to be supplied to the Royal Australian Navy for Project SEA 1770 Rapid Environmental Assessment.

In November BlueZone will participate in the Industry Dynamic Exhibition event at Autonomous Warrior 2018 at Jervis Bay. REMUS will again feature to demonstrate through water communication using a REMUS 100 to detect Mine-Like Objects (MLO) and to transmit positional data of MLOs through water to the M3V AUV, acting as a covert gateway buoy to forward transmit the data ashore.

The Teledyne Oceanscience Z-Boat will be the second unmanned system demonstration supported by BlueZone. Working with Army, the Z-Boat will demonstrate remote surveillance capabilities using a hybrid remotely operated and autonomous surface vessel integrated with high resolution video, thermal and still cameras.



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SEA 1770 Ships Out

Sensor Equipment for the #DigitalOcean



BlueZone Group has shipped five pallets of equipment with a mass of more than 1200kg for 'Material Release 2' for Project SEA 1770 Rapid Environmental Assessment.

BlueZone General Manager Defence, Andrew Hazell, said it was very pleasing to have accomplished a significant milestone in delivery of the underwater sensing technology that is the front line of SEA 1770. "We are very excited to make this delivery," said Andrew, "as it represents the completion of a great deal of hard work for our project team in finalising and clarifying requirements leading to equipment procurement and delivery to the customer." All of the equipment for SEA 1770 has been received at the BlueZone workshops in Newcastle, unpacked and checked for conformance before re-configuration for SEA 1770 requirement.



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Increase your DVL bottom tracking range by 60%

Faster and More Efficient Bottom Tracking

Teledyne RD Instruments has announced the release of a new proprietary Extended Range Tracking (XRT) option which is capable of extending the bottom tracking range of RDI Pathfinder and Pioneer Doppler Velocity Logs (DVL) by 60%.

This latest development allows users to attain bottom lock faster and more efficiently than ever before, further increasing user control and confidence during subsea missions. Extensive in-house and customer testing has proven this extended range in a wide array of conditions and terrains, and in fact, has exceeded design expectations.



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Moored ADCPs in Action Down Under

Array of Teledyne RDI ADCPs Measure East Australian Current



The East Australian Current has been studied by Australian oceanographers for more than 50 years. The EAC system is very dynamic, both in where it leaves the Australian coast and in the eddies it spawns. Seasonal and decadal changes in the southern extent of the warm EAC water have been recognised. These changing water properties cause marine casualties—from fisheries off New South Wales to kelp forests off Tasmania.

For deeper understanding of how climate change is affecting the EAC, scientists need to clarify long-term trends and large-scale connections. And in this push, Teledyne RDI ADCPs provide a crucial contribution—profiling the pivotal upper ocean.

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Greater Hunter Makers Festival 2018

The inaugural Greater Hunter Makers & Technology Festival in 2016 brought people and ideas together, showcasing the Hunter Region's world-class engineering and manufacturing capabilities.

In 2018 the Festival was a fantastic show, including an Electric Vehicle exhibition with cars (7 Teslas!) and bikes. Around 700 people on Friday and 1000 on Saturday attended in brilliant sunshine.

Member for Shortland, Pat Conroy, joined the BlueZone Group team on the stand on Friday. Pat said that we are great at inventing things and the challenge is to turn this into jobs for Australians. BlueZone Group technologies like the Kailani Telemetry Buoy and SewerSerpent leak detector are examples of innovations taken to market in the Hunter with global potential.



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Join the Teledyne Marine Hydrophone Contest 2018

All Teledyne Marine Hydrophone customers and users are invited to submit their favourite Hydrophone recording from their laboratory, the field or where ever the sound is to be recorded.

Submit your favourite Teledyne Marine Hydrophone Recording. Collect votes and Win a pair of Bose QuietComfort Wireless Headphones and gift cards.

Winners and Prizes

Voters Choice Award – 1 top winner is selected from all recordings that have received more than 30 votes when the contest ends.

The winner gets a pair of Bose QuietComfort Wireless Headphones.

The Teledyne Marine Staff will hand out a \$100 MasterCard Gift Card in the following category's between all recordings with at least 10 votes:

- **The Creativity Award** - most creative hydrophone usage
- **The Adversity Award** - the recording that shows our customers and/or products going the extra mile in the extreme environments we know you both encounter.

The Winners will be announced at the Teledyne Marine Technology Workshop 2018, Cannes, France – October 9-11.

[Read More](#)



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.

Hydro 18 – 30 October to 2 November – Sydney

The Australasian Hydrographic Society (AHS) is hosting the HYDRO18 Conference and Trade Exhibition (HYDRO18) in Sydney. The Conference and Exhibition, with its theme of 'The Climate for Change – Hydrography in the 21st Century' will allow delegates and the hydrographic profession to consider how best to future utilise the science of hydrography to adapt to climate change, resource sustainability and renewable energy requirements. Hydrography is the key to facing the rising tide of climate change, knowing our oceans and understanding our future.

[BlueZone at HYDRO18](#)

SIA Biennial Conference – 7 to 8 November - Canberra

The 9th SIA Biennial Conference will be held 7-8 November 2018 with the Opening Reception on Tuesday 6 November at the Canberra Rex Hotel. The theme for the Conference is: Collins Life of Type Extension - Issues and Opportunities.

BlueZone is proud to be the sponsor for the Wednesday Afternoon Session Break. With a wide underwater technology product portfolio and an experienced application engineering team, BlueZone is an experienced and capable systems integrator, designing and supporting systems in COLLINS Class, Minehunter Coastal and Air Warfare Destroyer.

[BlueZone at SIA 2018](#)

AHA 2018 Conference – 12 to 15 November – Canberra

BlueZone Group supplies Teledyne RDI highly accurate Doppler products for flow measurement and discharge applications in the inland environment. RDI products include a wide array of technical advantages designed to ensure success, providing significant advantages over competitive products and techniques.

RDI ADCP products are further enhanced for field operations by complementary systems including:

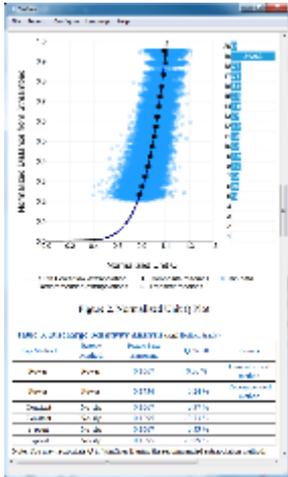
- Q-View 2.0 QA/QC software. Instant data qualification for the field user, saving you valuable time while ensuring that you've collected the data set you need; and
- OceanScience Q-Boat. Remote control Q-Boats for ADCP deployment during river velocity profiling and discharge monitoring offer the ultimate in survey flexibility and personnel safety.

Why not join us to checkout Q-View 2.0 QA/QC software? Q-View 2.0 is now more focused on analysing and reporting data after the user has returned to the office. To this end, Q-view now delivers an All-in-One professional report that combines a summary of discharge results with a comprehensive quality assessment

BlueZone provides full in-country support for RDI products from our fully-equipped workshops in Newcastle, Melbourne and Perth. Our Authorised ADCP service centre ensures that your equipment will be available for your river measurement tasks and our verification service provides confidence in the status of your instrument.

[BlueZone at AHA 2018](#)

New Products & Services



Q-View 2.0 Quality Assessment and Discharge Results All-in-One Report

Teledyne RDI has announced the release of their newly updated Q-View QA/QC software, now designated as Q-View 2.0. RDI has made extensive enhancements to this software based on customer feedback.

The first version of Q-View was heavily focused on assessing the quality of data on-site in the field during data collection. Q-View 2.0 is now more heavily focused on analysing and reporting data after the user has returned to the office. To this end, Q-View now delivers an All-in-One professional report that combines a summary of discharge results with a comprehensive quality assessment.

[Q-View All-in-One](#)

Got Training?

Comprehensive Theory Complimented by Hands-on Practice

BlueZone Group has significant experience in providing training to our customers who operate equipment we supply in multiple applications. We see our training offering as a part of the full service we offer for supply, support and maintenance of high-technology underwater equipment.

Our engineers and technicians are OEM trained and are in constant contact with development in their speciality of underwater technology from ADCPs to Z-Boats. We design our courses around your needs and provide theory and hands-on practical as required to suit the students and the outcome required from the course.

At our facility in Newcastle NSW we have access to a 5.0m deep x 8.0m diameter tank for specialised training in underwater vehicle operations. We can provide our training at our facilities in Newcastle, Melbourne and Perth or at your location as required.



[BlueZone Training Capability](#)

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