

BlueZone Short Listed for Land Forces 2018 Innovation Awards

Unmanned Intelligence, Surveillance & Reconnaissance (ISR) and Hydrographic Survey Capability



BlueZone Group is pleased to announce shortlisting for the Land Forces 2018 Innovation Awards and congratulates fellow nominees. The Awards, in six categories, will be announced during the LAND FORCES 2018 Exposition.

BlueZone Group has developed a marine Intelligence, Surveillance & Reconnaissance (ISR) and Hydrographic Survey capability for Army using the Teledyne Oceanscience “Z-Boat” autonomous surface vessel. The Z-Boat may be operated under remote control or in an autonomous waypoint-following mode. The Z-boat provides a man-portable high speed ruggedised platform and BlueZone has integrated a suite of sensors to meet specific Army needs.



BlueZone Group CTO, Darren Burrowes, said that robotic and autonomous technology is a “force multiplier” for the Australian Defence Force to enable ISR and survey to be completed more rapidly, at lower cost and with reduced risk to operational personnel. “The Z-Boat is an alternative to tasks conducted from small boats that expose personnel to long periods in the weather and risks with small boat operations, launch and recovery,” said Burrowes, “We are very pleased that BlueZone has been able to build on nearly 20-years of support for Navy unmanned systems to rapidly prototype and trial unmanned systems to meet Army needs.”

[BlueZone Innovation Award Nomination](#)

SeaBotix SmartFlight™ vLBV 300 Demo

Unleash the power of SeaBotix vLBV

BlueZone Group has conducted a successful demonstration of Teledyne SeaBotix SmartFlight™ Automated Navigation. SmartFlight™ adds automated functions to the SeaBotix vLBV ROV and is available as an integrated option on new and as an upgrade for existing vLBV systems. SmartFlight™ features include:

- Return to target
- Waypoint navigation
- Holding station



- Orbit target
- Seamless integration with AUV/Mosaic software
- Single intuitive GUI with Navigation, Sonar, Video
- Target tracking with Tritech Gemini Multi-Beam Sonar

SmartFlight™ unleashes the power of SeaBotix vLBV by simplifying and enhancing all types of ROV operations including pipeline inspections, surveying, search and recovery and underwater asset inspection. Operator training times are reduced and operator performance in missions is enhanced using the powerful features of SmartFlight™ to plan and conduct ROV missions.



[SeaBotix SmartFlight™ vLBV 300 Demo](#)

Training for New Generation of Survey Teams

New Tools for Digital Ocean Data Gathers for a 21st Century Navy



BlueZone Group has provided training on advanced Multi Beam Echo Sounder (MBES) systems for the Royal Australian Navy Deployable Geospatial Support Team (DGST) members.

DGST will deploy MBES and other environmental and survey sensors, together with mobile meteorological and oceanographic sensors to gather data from the 'Digital Ocean'. The future of the Digital Ocean is a globally networked ocean connecting sensors, vessels, aircraft, satellites and unmanned systems.

The Royal Australian Navy's hydrographic ships, aircraft and people chart more than one eighth of the world's surface stretching as far west as Cocos Island in the Indian Ocean, east to the Solomon Islands, and from the Equator to the Antarctic. New tools, training and full in country support offered by BlueZone Group will enable our future data gatherers to operate even more efficiently and effectively in a rapidly changing world.



[Training for a New Generation of Survey Teams](#)

BlueZone Group at IEEE UNITE 2018

BlueZone Group joined with several other leading businesses to exhibit at IEEE UNITE 2018 hosted at the Mercure Hotel in Sydney.

IEEE UNITE 2018 aimed to unite all IEEE Members (Student, Young Professional, Women In Engineering, Life Members, Academia & Industry etc.) in one place with a dinner, exhibits and networking with a goal of making the most from the IEEE. Participants discovered the latest trends and opportunities provided by the various IEEE societies, discussed membership elevation options and engaged with TISP and much more!



[BlueZone Group at IEEE UNITE](#)

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.

[Teledyne Marine Hydrophone Contest](#)



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.

Greater Hunter Makers Festival – 21 & 22 September – Newcastle – Booth #15

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 over 70 displays of ideas and creativity, designed to inspire, inform, connect and entertain thousands of attendees in a family-friendly environment will be shown.

[BlueZone at Greater Hunter Makers Festival https://www.greaterhuntermakersfestival.com.au/](#)

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:

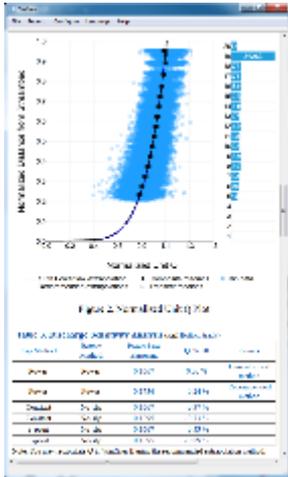
- Q-View 2.0 QA/QC software. Instant data qualification for the field user, saving you valuable time while ensuring that you've collected the data set you need; and
- OceanScience Q-Boat. Remote control Q-Boats for ADCP deployment during river velocity profiling and discharge monitoring offer the ultimate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

Newcastle

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

Melbourne

+61 3 8720 0300
9 Macquarie Place
Boronia, VIC 3155, Australia

Perth

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

www.bluezonegroup.com.au

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