

Army Innovation Award – Robotic Z-Boat



BlueZone Group is pleased to announce the award of an order to UVS Pty Ltd for supply of three robotic “Z-Boats” to The Australian Army. This order comes as a direct result of BZG’s participation in Army Innovation Day (AID) 2016 where the lead theme was ‘manned and unmanned teaming for the soldier.’

BlueZone Group General Manager Defence, Andrew Hazell, said that BlueZone Group’s exhibiting of the Teledyne OceanScience Z-Boat at AID 2016 had attracted a large amount of attention from the AID delegates. “We found the Army Innovation Day experience to be a thoroughly refreshing way to approach innovation for the Australian Defence Force,” said Andrew, “The Innovation Day initiative was an ideal low-logistics way for SMEs to introduce innovative technologies to Army and to have detailed conversation with potential users in an atmosphere of collaboration.”

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Autonomous Vehicles for Challenging Southern Ocean Conditions

News that Norwegian oil and gas company, Statoil, will explore the Great Australian Bight off South Australia after taking over two of BP’s exploration permits points to increased activity in the harsh ocean conditions bordering the Southern Ocean.

Leveraging the knowledge gained from UAVs and other fixed mounted sensors across myriad industries, the Liquid Robotics Wave Glider provides an elegant, cost effective solution to host sensors and to operate in the harshest ocean environments. Wave Gliders have had years of exposure to the worst the ocean can offer, and design changes and developments impacting everything from communications to propulsion have resulted from this real-world experience.



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Seaeye Falcon Mothership



An ingenious idea from Saab Seaeye customer, Stinger Technology, has found a way to penetrate the labyrinth inside offshore production tanks in search of environmental contaminants prior to decommissioning. They managed to squeeze a unique underwater robotic systems configuration loaded with sampling technology through a 150 cm square hatch to search the tank's internal maze of baffles, and navigate along 25.5 cm diameter pipe-runs of curves and bends.

Stinger's idea turned the already compact Saab Seaeye Falcon into a 'mother ship' from which is launched an even smaller fly-out VideoRay and tiny fly-out Stinger Nano.

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ClearSignal Coating Continues

ClearSignal coating continues to be in high demand with ADCP instruments recently coated for a major customer. ClearSignal coating products can be applied to your instruments and underwater components at UVS workshops in Australia. <http://www.uvs.com.au/clearsignal-coating>.

The ClearSignal Biofouling Control System is selected by many users because of its proven performance to control biofouling and reduce maintenance costs. ClearSignal coating will allow for uninterrupted collection of acoustic data using instruments like ADCPs



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Events

Please join BlueZone UVS at these upcoming events!

We are keen to talk to you about how innovative new technologies offered by BlueZone UVS 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.

Teledyne Marine Technology Workshop 2017 October 15-18 – San Diego, USA

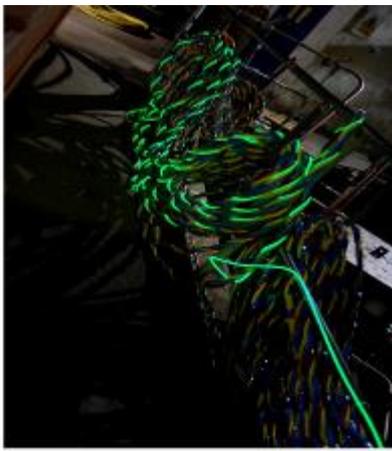
BlueZone Group will be attending the newly expanded Teledyne Marine Technology Workshop this year in October in San Diego. Why not join speakers, influencers, and attendees from around the globe to explore, learn, and share their experiences on a broad range of technologies?

This three-day workshop, which is preceded by a full day of networking activities, will include customer presentations, product/software training, field service meetings, networking opportunities, and on-water demonstrations provided by Teledyne Marine's top-tier oceanographic manufacturers. Products will range from: ADCPs, CTDs, DVLs, Imaging and Mapping Sonars and Software, Motion Sensors, Navigation Systems, AUVs, ROVs, Lights and Cameras, Modems, Gliders, Surface Vehicles, Interconnect Solutions – and more!



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New Products & Services



LIGHTPATH

The LIGHTPATH concept is a very simple one and potential applications are numerous. LIGHTPATH is a patented fibre illumination system a concept that is based on side-emitting optical fibre creating a continuous and flexible line of light only 5mm diameter and typically 75m in length that carries only light and no electrical power.

The LIGHTPATH fibre can simply be wound into the lay of an existing saturation dive umbilical for retro-fit of the illumination system.

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Kongsberg Maritime Colour Pan and Tilt Zoom (PATZ)

Kongsberg Maritime has launched two new Colour Pan and Tilt Zoom (PATZ) cameras. The OE14-222 (PAL) and OE14-223 (NTSC) underwater CCD colour cameras provide completely enclosed pan, tilt and zoom functionality. KONGSBERG's new cameras support a wide range of applications including, observational and situational awareness tasks, close proximity inspection, process monitoring, marine science applications and manned submersible deployment.

OE14-222/3 cameras share the same form factor and mounting arrangement, enabling them to be used as drop in replacements for the outgoing OE14-122/3 cameras.



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NEWCASTLE

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

MELBOURNE

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

PERTH

Unit 1, 41 Discovery Drive
Bibra Lake WA 6163 Australia
Tel: +61 8 65951500

www.uvs.com.au

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