

Z-Boat 1250 - a Portable, Remotely Operated, Single Beam Survey Boat

Teledyne OceanScience has announced the release of the new Z-Boat 1250, a remotely operated hydrographic survey boat that is sturdy enough for tough terrain but light enough to be one person portable. The new Z-Boat 1250 is outfitted with a single beam echo sounder and is ideally suited for inland waters such as streams, rivers, and lakes.



"The new Z-Boat 1250's lightweight design, IP67 rating, and modest price point make the boat ideal for a multitude of work environments and budgets" stated Shannon Searing, Teledyne OceanScience Sales Manager. "We're very excited to introduce this new product to our customers."

Applications for the Z-Boat 1250 include mining pits and tailing ponds, environmentally sensitive areas, construction and inspection zones, dams and reservoirs, harbours, rivers, and more.

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Hydroid & Industry Partners Successfully Demonstrate Latest UUV Capabilities at ANTX 2017

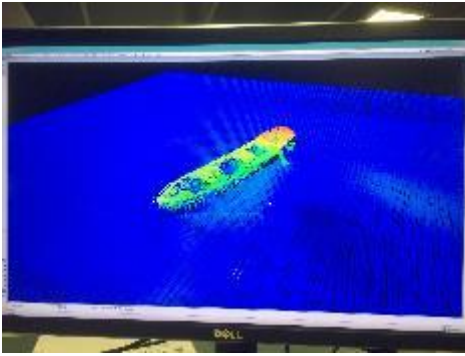
Hydroid, Inc. teamed with L3 Aerospace Systems, Sparton Corporation and AeroVironment, Inc. to successfully demonstrate the latest unmanned underwater vehicle (UUV) capabilities, including the launch of an unmanned aerial vehicle (UAV), at ANTX in Newport, RI last month.

"ANTX is an excellent opportunity for companies like ours to demonstrate the latest concepts and capabilities. With our partners, we were able to prove that UUVs are cross domain systems," said Tom Reynolds, Hydroid's vice president of U.S. Government Business. "These technologies were very easy to integrate and we look forward to building on what we have learned from this demonstration."



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SeaBat® T50-R Multi Beam Echo Sounder for Navy



BlueZone has recently supplied a Teledyne Reson SeaBat®T50-R Multi Beam Echo Sounder (MBES) to the Royal Australian Navy Hydrographic Survey ship HMAS LEEUWIN.

BlueZone GM Oceanographic and Hydrographic, Mark Hegarty, said that the SeaBat® T50 is the new addition to the leading SeaBat® T-series product range engineered from the ground up. Combined with a very compact Rack-mounted Sonar Processor (RSP) the SeaBat® T50-R provides unprecedented survey data, providing faster operational surveys and reduced processing time.

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REMUS 100 NG Production Kicks-off in Pocasset

BlueZone Group was pleased to meet with Hydroid in Pocasset, Massachusetts to kick-off the production of REMUS 100 Next Generation (NG) Autonomous Underwater Vehicles for Navy project SEA1770 Rapid Environmental Assessment.

BlueZone CEO, Neil Hodges, said that the new Hydroid facility was very impressive with an office and workshop layout that supported on-time production of the REMUS 100 vehicles. "We are very excited to be delivery REMUS 100 NG to the Royal Australian Navy," said Neil, "and Hydroid is a professional partner who are the leading Autonomous Underwater Vehicle supplier with a track record of delivery to the US Navy and many other military customers world-wide."



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Quick Connect for Countermeasures



The Royal Australian Navy Mine Counter Measures force has recently taken delivery of the innovative "Tether Connection Mk 2" for use with the Double Eagle Mk 2 Mine Disposal System.

The Tether Connection Mk 2 provides a "plug & play" solution to connecting to the Double Eagle Mk II Mine Disposal Vehicle. The complete system consists of an in-line connector mounted on the tether and a receptacle permanently fitted on the MDV. Connection to the MDV is simply made by pushing the connectors together and screwing home the retaining bezel. There is no requirement to breach the MDV pressure hull to make a dual electrical and fibre optic connection.

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Events

SubSTEC4 - From Deep Space to Deep Ocean

BlueZone Group CTO, Darren Burrowes, joined Teledyne Marine Director of Global Defense and Security, Thomas Meurling at the Submarine Science Technology and Engineering Conference (SubSTEC4) in Adelaide in November organised by the Submarine Institute of Australia.

Thomas presented on the theme "From Deep Space to Deep Ocean" and discussed the significant materials science capabilities of that the Teledyne Marine Group could draw upon to provide solutions for the Australian Future Submarine. In a case study concerning design of a submarine hull penetrator, Thomas illustrated the approach that Teledyne would take in selection of materials for a penetrator design.



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Official Opening of the University of Newcastle's DSA-18 Hub

BlueZone Group CTO, Darren Burrowes, was pleased to attend the Official Opening of the University of Newcastle's DSA-18 Hub located at the Williamstown Aerospace Centre.



BlueZone Group is a member of the Defence Innovation Advisory Group that aims to collaboratively address the Australian Government's "2016 Defence White Paper" vision to enhance Australia's defence capability and support collaborations with defence industry and science and technology research partners in support of our nation's security.

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New Products & Services

Pop-Up Buoy Recovery System for Benthos Releases

Deepwater Buoyancy has announced the Pop-Up Buoy Recovery System (PUB) is designed to work with both the legacy Teledyne Benthos 875 shallow water release, as well as the new R500 series release.

"Teledyne Benthos has discontinued its long-standing product offering, the PUB-875," explained David Capotosto, Director of Business Development. "This left our distributors and the end users in a supply dilemma. We saw this change and the introduction of the new R500 release from Benthos as an opportunity to serve our clients and, at the same time, to improve the concept. As with all DeepWater Buoyancy designs, the unit is thoughtfully designed and ruggedly-built for the offshore environment."



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Teledyne RD Instruments Sentinel V ADCP New Features!



Teledyne RD Instruments (TRDI) has released two new key features for its highly popular Sentinel V Acoustic Doppler Current Profiler (ADCP), further adding to the system's versatility.

Originally designed for self-contained current profiling and waves measurement applications, the ADCP's functionality was recently expanded to allow for real-time applications at data rates of up to 16 Hz. Now, two additional key features have been added: an option for bottom-tracking for moving boat applications and a new utilities software to interface with TRDI's existing VMDAS software program to simplify vessel mounted data applications.

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