

Z-Boat Platform Improvements and Integrations

Development of the Teledyne OceanScience Z-Boat platform and integration of new systems are continuing at a rapid pace. The versatile Z-Boat provides a rugged and reliable platform for the deploying many sensor types in coastal, river and inland waterway locations including:

- Teledyne Odom CV100H and CV100DF single beam echo sounders
- Teledyne Odom MB1 Multi-Beam Echo Sounder
- Teledyne Odom MB2 Multi-Beam Echo Sounder

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Teledyne Marine Technology Workshop Report



CTO, Darren Burrowes, and Design Engineer, Josh Berry represented UVS at the Teledyne Marine Technology Workshop in San Diego in October. The [DL25 ADCP Extended Memory and Control device](#) was presented in a “tips & tricks” session. Starting with collaboration between Josh Berry and Mark Randall of the Queensland Department of Environment and Resource Management for river applications in remote areas, the DL25 has now also found costal applications for situations where real time ADCP data is required such as in dredging applications. The [AD01 ADCP Legacy Power Adaptor](#) also was of interest to many delegates who are acquiring Sentinel V ADCPs and who want to continue to make use of existing Workhorse battery packs for some applications.

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Steel Cities Trade Mission

BlueZone Group CTO, Darren Burrowes, joined an Ai Group lead Trade Mission to Pittsburgh, Pennsylvania in October where the mission built upon existing links between the University of Pittsburgh and the University of Newcastle. The mission was comprised of ten delegates including representatives from industry, academia and local government and was lead by Adrian Price, Regional Manager - Hunter, Central Coast and Northern NSW for the Australian Industry Group.

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Events

Australian Hydrographic Symposium

Meet us at the Australian Hydrographic Symposium in Cairns from 3 to 7 November 2015 <https://consol.eventsair.com/QuickEventWebsitePortal/australasian-hydrographic-symposium-2015-and-trade-exhibition/ahsweb>

UVS General Manager Oceanographic and Hydrographic, Mark Hegarty, will be hosting representatives from Teledyne Reson at the UVS stand. Be sure to visit to catch up on the latest Reson product releases including the SeaBat T50-P Multibeam Sonar <http://www.teledyne-reson.com/products/echo-sounder-seabat/multibeam-sonar->

Submarine Institute of Australia

Meet us at the Submarine Institute of Australia 3rd Science, Technology & Engineering Conference in Adelaide from 17 to 19 November 2015 <http://www.submarineinstitute.com/sia-conferences/program.html>. UVS is a supplier to the COLLINS Class submarine and strongly supports options for local production for the SEA 1000 Future Submarine Project.

New Products & Services

AD01 Legacy Power Adaptor for Sentinel V

Adapting Workhorse ADCP installations for Sentinel V

The AD01 Legacy Power Adaptor for Teledyne RDI Sentinel V enables existing Workhorse ADCP installations to be upgraded to newer Sentinel V ADCP's without having to change cabling or external battery cases.



How It Works

The AD01 is connected in-line between the existing Workhorse ADCP cabling (low profile 7 pin connector) and the Sentinel V ADCP (circular 8 pin connector). The AD01 converts the higher voltage from the Workhorse system to a lower voltage suitable for the Sentinel V.

Features

- Plug and Play inline configuration
- Converts 48V down to 18.5V for Sentinel V
- Existing RS-232/485 are passed straight through

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