

# UnderCurrents

Issue 19



### **Z-Boat Bound Downunder**

UVS is pleased to announce that a Teledyne OceanScience Z-Boat will be added to the UVS demo/rental fleet as of May 2015 and will be delivered in time for a comprehensive demonstration at <u>ADCPs in Action in Australia on the Gold Coast 12 to 13 May 2015</u>. Adrian McDonald of Teledyne OceanScience will be attending ADCPs in Action to provide full training and demonstration of the Z-Boat.

Read More

## **DiverCOMM - New Capability for Diver Communication**

UVS is pleased to announce an agreement with Ultra Electronics Maritime Systems for marketing and sales of the innovative DiverCOMM diver communication system. DiverCOMM is a lightweight, tactical, voice communications system using Magneto-Inductive (MI) signalling technology. Unlike radio frequency (RF) and acoustic signals, the low frequency MI signal can penetrate through air-water boundaries, providing users with secure and reliable connectivity in most acoustically challenging environments.

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## **Technical Update - Sentinel V T-Cable – Manufacturing Error**

Teledyne RDI have advised that it has been discovered that the T-Cable used with the Sentinel V battery pack was improperly manufactured for a period of time. The testing of the cable is a simple process and can be done by either yourself or can be returned to UVS. Please contact UVS for test instructions.

Read More



## **Events**

### ADCPs in Action in Australia Gold Coast, Queensland, 12 & 13 May 2015

Join us at Southport Yacht Club on the Gold Coast for the third ADCPs in Action in Australia - mark your calendar and <u>Register Here</u> for the premier ADCP event in Australia!

### Just Announced! Z-Boat & Q-Boat Demonstration

UVS is pleased to announce that the versatile and capable Teledyne Oceanscience Z-Boat/Q-Boat will be demonstrated at AiAiA 2015. In the Z-Boat configuration echo sounders and side scan sonars enable the boat to be used for bathymetric surveys in coastal locations and in dams lakes and rivers: <u>http://www.uvs.com.au/product-catalogue/hydrographic/z-boat-for-remote-hydrographic-survey-applications</u> Integration of a Teledyne RDI ADCP creates the Q-Boat configuration that is ideal for measuring discharge in difficult locations: <u>http://www.uvs.com.au/product-catalogue/water-resources/g-boat-for-adcp-deployment</u>

### Just Announced! Teledyne Reson T20P and Teledyne Optech Combined Survey

Demonstrating the power of a common baseline for underwater and above water survey, UVS will demonstrate a combined survey using Teledyne Reson T20P and Teledyne Optech Laser Scanner.

Please help us to make ADCPs in Action in Australia in 2015 the best ever. Complete our survey to tell us what

your preferences are so that we provide the most value for your time at the conference.

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## **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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