

## Innovative rapidCAST™ Automated Sound Velocity Profiling System

Teledyne Oceanscience's new automated sound velocity profiling system [rapidCAST™](#) has been supplied to world-leading geospatial company TerraSond Limited. UVS General Manager Oceanographic & Hydrographic, Mark Hegarty said that rapidCAST technology has the potential to save significant survey time a survey vessel does not have to be stopped to conduct a sound velocity profile. The savings in survey time equate directly to savings in money for completion of surveys.



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## Future of Cyclone Monitoring



Advanced technology like Liquid Robotics' (LRI) Wave Glider®, an unmanned ocean robot capable of operating through even the most severe Category 5 storms, can continuously collect and transmit storm intensity data in real time. Real-time data aids meteorologists in better modelling and predicting cyclone intensity; a key to improving evacuation preparedness, reducing false alarms and saving lives.

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## New "RioPro" Upgrade for Rio Grande ADCPs

Teledyne RD Instruments has announced the launch of a new upgrade for the widely popular Rio Grande 1200 kHz acoustic Doppler current profiler (ADCP). Called "RioPro," the upgrade offers current Rio Grande 1200 kHz owners an upgrade path to incorporate enhancements recently introduced in the RiverPro ADCP.



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## Australasian Hydrographic Symposium at Cairns



Teledyne Reson Senior Product Manager Uni Bull joined UVS General Manager Oceanographic & Hydrographic, Mark Hegarty, at the Australasian Hydrographic Symposium at Cairns in November. A keynote address was delivered at the symposium by Mr Steve Duffield, Managing Director of Fugro Survey who presented on the Search for MH370.

Uni Bull said that there was keen interest in the newly released Teledyne Reson SeaBat® T50-P ultra high-resolution portable multibeam echosounder. The T50-P has been entirely re-engineered to a new hardware platform and provides powerful features while still being capable of fast mobilisation on small vessels.

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## Events

### Australian Oil & Gas

Meet us in 2016 at Australian Oil & Gas in Perth from 24 to 26 February 2016 on Stand C1 <http://aogexpo.com.au/>

# 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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