

# **UnderCurrents**

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### New!! - Q-Boat 1250 for Remote ADCP Measurements



Teledyne OceanScience and Teledyne RD Instruments are pleased to announce the release of the much-anticipated Q-Boat 1250.

Teledyne OceanScience's new portable, value-priced remotely operated vehicle is designed to accept Teledyne RDI's StreamPro ADCP, making it the ideal solution for remote stream measurements.

An Introductory Offer to Sweeten the Deal:

Teledyne RDI and Teledyne OceanScience are pleased to offer a joint 5% discount off your combined order for a new Q-Boat 1250 with a StreamPro ADCP for orders placed by April 30, 2017.

**Read More** 

## **ADCPs in Autonomous Action**

Combining the flexibility and power of Acoustic Doppler Current Profiler (ADCP) technology with the autonomous deployment capability of the Wave Glider platform results in a powerful new tool for monitoring of upper ocean currents.

Just as the new tool of the ADCP changed ocean observation when introduced in the 1980s, the Wave Glider is the new tool that enables a quantum leap to new methods for measuring currents in the upper ocean. The ADCP can now be deployed as an autonomous instrument with the ocean robotics of the Wave Glider providing the smart platform to achieve even more from ADCP data collection tasks.



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## Saab Seaeye Falcon for Aquaculture



Saab Seaeye has supplied a second Saab Seaeye Falcon to Abyss Aqua, a key provider of services to the Norwegian aquaculture industry. The Falcon is the world's most successful electric underwater robotic system of its class.

Aquaculture in Australia is the country's fastest growing primary industry, accounting for 34% of the total gross value of production of seafood. 10 species of fish are farmed in Australia, and production is dominated by southern Bluefin tuna, Atlantic salmon and barramundi.

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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.

### Ocean Business 2017

Andrew Hazell, BlueZone Group GM Newcastle, will represent UVS and the BlueZone Group at Ocean Business 2017 at Southampton 4 to 6 April 2017. Andrew is looking forward to meeting with BlueZone Group suppliers and sourcing new technologies and products for BlueZone Group customers in Australia.

Please contact Andrew directly to arrange a meeting at Ocean Business.

## First Annual Wave Glider Users Group

The first annual Wave Glider Users Group has been conducted in At the OCEANS16 Conference in Monterey, California. The breadth and diversity of presentations reflects the wide application of Wave Glider and associated technologies including Autonomous/Unmanned Maritime Systems, Oceanographic and Climate Sciences, Maritime Domain Awareness (Intelligence, Surveillance, and Reconnaissance) and Offshore Oil and Gas Exploration.



For short summary of the presentations at the Wave Glider Users Group follow the link below.

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## **New Products & Services**



### RS ORCA Multi-Channel Passive Acoustic Recorder

BlueZone UVS is pleased to introduce to the Australian market the RS-ORCA Ace - a high specification, multi-channel passive acoustic recorder for capturing rich, broadband, underwater noise data.

RS-ORCA Ace is a 5-channel broadband recorder with on board noise processing up to 384 kHz sample rates.

The RS-ORCA Ace base package includes:

- Acetal pressure housing for deployment to 200 metres
- 24 hour rechargeable lithium battery (97 watt hours)
- 500 GB SSD, 256 GB SD card
- Ethernet out for real-time raw and processed data

Ryan Mowat, Application Scientist with RS Aqua, said that there was a growing requirement for oil and gas pipeline inspections for carbon capture leak detection, "RS-ORCA can provide a solution for listening for and determining the location of leaking liquid / bubbles," said Ryan "ORCA can be integrated into an ROV to provide the ROV with the capability to listen for leaking bubbles".

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### **Aquatec AQUAlogger 310TY**

The new Aquatec AQUAlogger 310TY solves sediment measurements with turbidity to measurement to 10,000FTU (typical). Turbidity can be converted to suspended sediment concentration and the 310TY includes integral temperature and pressure sensors.



User friendly features include:

- Quick start swipe with a magnet to start logging
- Shake to show check the status of the logger
- Off the shelf batteries standard AA size batteries

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