

# **UnderCurrents**

December 2016 Issue 38

### **Merry Christmas and Happy New Year**



From all the team at the BlueZone Group (ATSA Defence Services, UVS & UVS Trenchless), we would like to wish all our customers and suppliers a very Merry Christmas and a Happy New Year!

Our crew has enjoyed supporting your work in Australia's deep oceans, coastal seas, rivers and water infrastructure in 2016. We look forward to working with you in 2017 to stay "Ahead of the Tide" in all areas of science, business and industry.

Christmas & New Year Opening Hours - Newcastle, Melbourne & Perth. http://www.uvs.com.au/contact-us

### Taking the digital revolution to sea: Ocean robotics at an inflection point

Imagine an ocean where networks of sensors, manned and unmanned systems, and satellites are connected to give us instant, affordable access to information. This is the vision for the digital ocean. It's not science fiction: it's a prerequisite for more-effective ocean preservation and economic expansion for the blue economy.

In this article Roger Hine, co-founder and chief technology officer of Liquid Robotics and inventor of the Wave Glider, shares his vision of the digital ocean and the future of ocean robotics, and of how the two will foster a sustainable ocean economy.



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## **ClearSignal® Coating Covered-off**



Coating of instruments with ClearSignal® biofouling control system is now underway at UVS workshops in Newcastle. Unlike anti-fouling systems that rely on active biocides and whose effectiveness degrades with time, ClearSignal® remains 100% effective for the intended life of the instrument.

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AC-ROV - Thrust where you need it

The thrust pattern for the "hand-carry" AC-ROV makes it ideal for inspection of tank walls and other underwater surfaces and structures. For inspection tasks most customers are interested in clear pictures from a stable ROV - not high speed blurred video from a fast moving vehicle.

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## Instrumenting a Mooring? UVS & Teledyne Marine have you covered!



Working with Teledyne Marine, UVS can supply proven, industry-leading instruments you need - all from a single supplier. UVS supports Teledyne Marine's new One Team sales structure, enabling a single point access for all mooring instrumentation needs, saving you time and money during your sourcing and procurement process, while providing you with the peace of mind that comes from working with the industry's leading experts in their fields.

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### **Events**

Please join UVS at these upcoming events!

We are keen to talk to you about how innovative new technologies offered by 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.

### Christmas & New Year Opening Hours - Newcastle, Melbourne & Perth

Last Working Day: Friday 23 December

All offices closed: Monday 26 December to Monday 2 January

All offices re-open: Tuesday 3 January

For urgent enquiries when our offices are closed please contact Mark Hegarty on 0418 369 075.

## **New Products & Services**



Focal Optical Monitoring System & Model 923 Slip Ring Sensor Focal has introduced new products providing advanced optical fibre analysis, reducing down-time, saving operating costs, and increasing working time.

- The Model 928 Optical Monitoring System (OMS) offers industry leading real-time performance monitoring of fibre-optic systems, consisting of multiple fibre-optic rotary joints, tethers, and umbilical cables.
- The Model 923 Slip Ring Sensor (SRS) is a miniature, ruggedised, health monitoring and data logging system for Focal rotary products.



UVS Offshore Oil & Gas Manager, Mark Musarra, said that UVS would arrange visits to discuss these products with interested customers in January 2017. "Both products are a great value add for existing Slip Ring and Optical installations," said Mark, "The OMS and SRS work together to help reduce operating costs. The Slip Ring Sensor can interface directly into the Optical Monitoring System so the data feeds are streamed together and no converter is required."

Please contact Mark Musarra or Contact UVS http://www.uvs.com.au/contact-us for further information or to arrange a visit concerning these products.

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#### Hassle Free Rental

Arranging rental equipment with BlueZone UVS just got even easier! We are now able to bundle equipment insurance for approved renters, so that you will not need to arrange your own insurance. One less job to so when timelines are tight and conditions are demanding!



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