

Air-Drop Capability for Wave Glider Unmanned Surface Vehicle

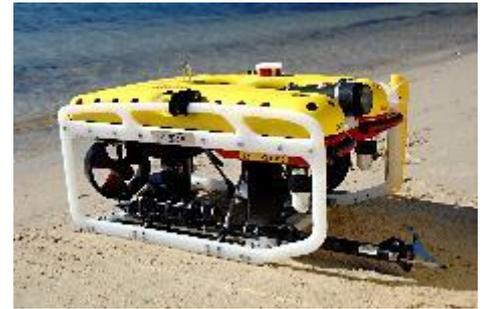


A kit to air-drop the Wave Glider SHARC (Sensor-Hosting Remote Autonomous Craft) by parachute into a deployment zone for surveillance is under development. Boeing, who have recently acquired Liquid Robotics, see great potential in the SHARC as a persistent sensor platform for long-dwell surveillance needs, such as anti-submarine warfare, anti-surface warfare, and intelligence, surveillance and reconnaissance.

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Iconic Falcon Adds iCON Intelligent Control

The winning formula of the iconic Saab Seaeye Falcon - the most successful underwater electric robotic vehicle of its class in the world - has received a considerable boost. Saab Seaeye has enhanced the Falcon's already smart intelligent control system with their advanced iCON behaviour-based intelligent control architecture. It means the Falcon can now host many new features, making it an advanced platform for further automation and behaviour-based software development.



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Wave Glider Winch on Way



In a Wave Glider technology and product update, the development of a winch system for the Wave Glider has been forecast for release in 4Q 2017. The winch will be mounted on the Wave Glider sub-unit and preliminary specifications indicate that two implementations will be available:

- A power-to-payload version will provide 10W of power down to a payload, with a 10Mbps data speed and deployment to over 100m
- A version for battery-powered payloads (no power down to payload) that will be capable of deployment to 500m

The winch enables the important capability for the Wave Glider to perform CTD profiling which is essential for many science applications including oceanographic research where ocean temperatures and their flows at varying depths are used to understand global and local climate.

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Teledyne and UVS Continue Close Connection at AOG

Teledyne Marine President, Mike Read, has lead a delegation of experienced Teledyne staff for a combined exhibition and demonstration of Teledyne Marine equipment at Australian Oil & Gas in Perth, Western Australia.



At AOG Teledyne Marine and UVS have progressed several initiatives to deepen collaboration and offer improved services to customers in Australia. In-principal agreement for local support of Teledyne ODI products has been discussed and proposals for UVS supply of Teledyne DGO products for the SEA1000 Submarine Project have been presented to DCNS, the SEA1000 submarine design authority.

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BlueZone Group at NSW Collaboration for Defence Symposium



BlueZone UVS CTO, Darren Burrowes, has participated in the NSW Collaboration for Defence Symposium held at the University of Technology Sydney with discussion around what success in collaboration looked like was one of the key talking points.

Burrowes said that from an SME's perspective, a meeting of equals was essential when it came to engagement with academia and Defence. "Ultimately, IP needs to be delivered into the hands of SMEs smoothly so that they can quickly utilise it, especially in this age of rapid technology advancement," he said. "At the end of the day all University IP is funded by public money and having it sit on the shelf doesn't do anyone any good."

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Events

Please join UVS at these 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.

Success on the Swan River at Australian Oil & Gas

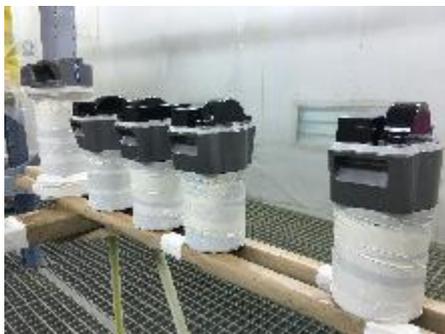
The team from the UVS Perth office have completed successful innovative on-water demonstrations alongside the Australian Oil & Gas Exhibition in Perth. Over several cruise events delegates to AOG were able to see some of the broad Teledyne Marine range demonstrated on and in the Swan River and have questions answered by experienced Teledyne representatives

- On-water demonstrations included the following Teledyne Marine products:
- Teledyne OceanScience Z-Boat / Teledyne Odom CV100
 - Teledyne SeaBotix LBV300-5 Mini ROV with crawler option
 - Teledyne Reson T50-P Multibeam Sonar
 - Teledyne BlueView M900 Imaging Sonar



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New Products & Services



ClearSignal® Coating Covered-off

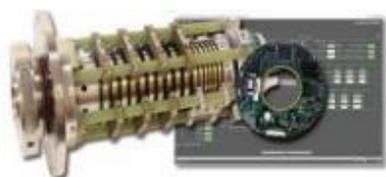
Coating of instruments with ClearSignal® biofouling control system is now underway at UVS workshops in Newcastle. Unlike anti-fouling systems that rely on active biocides and whose effectiveness degrades with time, ClearSignal® remains 100% effective for the intended life of the instrument.

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DeepSea Power and Light HD Zoom SeaCam and LED Micro SeaCam

DeepSea Power and Light are excited to launch the new HD Zoom SeaCam and LED Micro SeaCam. Both cameras offer unique capabilities for UVS customers in demanding subsea applications.

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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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