

Maritime Geospatial Warfare Unit Field-ready

Deployment will support the wider warfare community

Navy News reports that three new specialist Maritime Geospatial Warfare Unit teams have been declared mission-ready following an intense assessment exercise in Queensland.

Deployable Geospatial Survey Teams 3 and 4 and Mobile Meteorological Team 3 from Navy's Hydrographic, Meteorological & Oceanographic Group (HMGRP) were tested during a simulated humanitarian aid and disaster relief operation at HMAS Cairns, proving their readiness to deploy at short notice and work together to complete a complex survey in the field.



[Read More: Deployable Geospatial Survey Teams under test](#)

ClearSignal® for Long Term Biofouling Protection

High levels of adhesion and greater hardness than other foul release coatings

ClearSignal® is a silicone hybrid foul release system developed to meet the need for a foul release coating that with the lifespan of the subsea equipment to which it is applied.



The design goal for ClearSignal® is a 30-year lifespan. The product is now approximately 10-years old and has achieved very high levels of success. Several case studies of long-term deployments with periodic inspections show excellent biofouling resistance and no deterioration of the coating system after long term immersion. Customers selecting ClearSignal® for biofouling protection of subsea structures, devices and instruments can have confidence that ClearSignal® will be effective for the life of the deployment.

[Read More: ClearSignal® - Biofouling Protection for the Life of the Instrument](#)

Could Unmanned Underwater Vehicles Undermine Nuclear Deterrence?

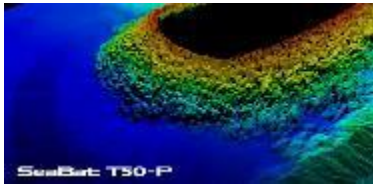
One author has proposed that emerging technologies like unmanned underwater vehicles (UUVs) add to the complexity of the battle space and disrupt the status quo. Swarms of autonomous underwater drones could be deployed to hunt ballistic-missile submarines, targeting a cornerstone of nuclear deterrence that places nuclear assets underwater at a safer distance from a crippling first strike.

At the same time, it has been suggested that submarines might be obsolete by the middle of the century. It is asserted by the author that possible that advances in artificial intelligence (AI), detection systems and signal processing, combined with swarming autonomous unmanned systems, could make it effectively impossible for submarines to maintain their stealth.



[Read More: Could Unmanned Underwater Vehicles Undermine Nuclear Deterrence?](#)

SeaBat T50 for Port of Melbourne



BlueZone Group is pleased to announce an order for supply of a Teledyne Reson T50 Multi-Beam Echo Sounders to the Port of Melbourne - the largest port for containerised and general cargo in Australia.

The Port of Melbourne was operating a SeaBat 7125 which had reached its end-of-life and subsequently needed to source a new sonar to support ongoing work in the port including dredging campaigns. With the data format output from the SeaBat T50 being identical to the that of the SeaBat 7125 – but with improved data quality – the SeaBat T50 was a natural candidate. Installation of the new SeaBat T50 was made simple by the provision of an adaptor kit enabling the mounting of the new EM7218 receiver in the existing sea chest. The EM7216 to EM7218 adaptor kit is specifically designed to ensure the correct location of the EM7218 receiver in an EM7216 sea chest.



[Read More: SeaBat T50 for Port of Melbourne](#)

Events

Please join BlueZone Group at these upcoming events!

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

Hunter Defence Industry Showcase - 22 to 23 August - Hunter Valley

BlueZone is pleased to present at the Hunter Defence Industry Showcase as part of the 2019 Hunter Defence Conference to be held at Crowne Plaza Hunter Valley. As a featured company at this Showcase, the progression of BlueZone Group to its deep involvement with Defence Industry will be highlighted including:

- The journey into Defence Industry, including entry points into Defence Supply Chains;
- Capabilities and quality of business (benefits of Defence);
- Skills and workforce changes and future skillset demands; and,
- Project Case Study

WA Indo-Pacific Defence Forum - 12 August - Perth

The program will focus on 'new and emerging partnerships' and this theme will also explore the evolving role of technology and WA's STEM agenda. High-level representations will include Admiral Scott Swift, former Commander, US Pacific Fleet and The Honourable Mark Lippert, Vice President of Boeing International.

New Products & Services



OG05 Teledyne Reson SeaBat® T20P Deployment & Integration Kit

Fast & Easy Deployment of SeaBat® T20P Multi-Beam Echo Sounder

The OG05 Teledyne Reson T20P Integration Kit provides for fast deployment and easy integration of the SeaBat® T20P Multi Beam Echo Sounder (MBES) into small boats or other survey vessels.

The complete OG05 Teledyne Reson T20P Integration Kit is re-packaged from multiple shipping boxes to just four rugged and transportable “Pelican” type cases. Each case weighs less than 32kg (70lb) and is fitted with wheels for easy manoeuvring through airports. A survey crew can deploy on commercial airlines using standard baggage allowances for T20P transport. The crew arrives at the same time as the equipment without the need for complicated shipment arrangements.

[Read More: The T20P – Now Truly Portable](#)

Xeos End of Life Announcement

Manufacture of Xeos Sable and Xeos Melo discontinued

Xeos Technologies have announced they will be discontinuing the manufacturing of Xeos Sable and Xeos Melo. As a suggested alternative, Xeos Apollo and Xeos Rover, respectively, are recommended.

Xeos will support Sable and Melo for a limited time in order to allow for future planning and last time buy opportunities are now available. Service and support will continue indefinitely.

Last time buy conditions:

Date for last order acceptance: December 31st, 2019

Factory orders will not be accepted after this date.

Date for last shipment: May 31st, 2020

All orders will be scheduled with ship dates no later than this date.

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