

BlueZone Awarded Contract for LAND1771 Tranche 1

Geospatial Survey Systems (GSS) for the Land Force to deliver Littoral and Riverine Survey capability and superior situational understanding

BlueZone Group has been awarded a two-year contract to deliver and sustain Littoral and Riverine Survey (LRS) Systems, as part of the LAND1771 program, to support the joint land force. LAND1771 Tranche 1 will introduce the first Geospatial Survey Systems (GSS) to the Land Force and modernise land geospatial and survey capabilities. It will deliver superior situational understanding to Land Force commanders by modernising geospatial support capabilities, inclusive of the geospatial technology and military survey capabilities.

The LRS capability will perform hydrographic and bathymetric survey of Littoral and Riverine environments to facilitate the collection and dissemination of Geospatial data. Further, it will enable and improve rapid terrain understanding and situational awareness, navigation, and mission management systems for land force's domestic and overseas operations.



[Land1771 Contract](#)

New Applications for WAM-V Uncrewed Surface Vehicles

Advanced uses for Wave Adaptive Modular Vessel



Marine Advanced Robotics has announced advanced uses for WAM-V uncrewed surface vehicles (USVs), with Ocean Power Technologies (OPT) providing expertise in operating remote vehicles in the offshore energy survey segment. The development of the WAM-V will create innovative solutions that will continually grow throughout new customer applications. Over 70 WAM-Vs have been supplied to 10 countries, changing the way humans assess oceanic projects.



BlueZone Group has supplied WAM-V USVs to a variety of customers within Australia, such as the Australian Maritime College, the Australian Defence Force, and the Australian Institute of Marine Science (AIMS). The 2022 Maritime RobotX Challenge will take place at the Sydney International Regatta Centre from the 11th – 17th of November 2022. All teams will use the WAM-V as their primary competition boat.

[Advanced uses for the WAM-V](#)

HII Unmanned Operations

HII successfully demonstrates manned & unmanned operations

BlueZone's partner HII has announced a successful demonstration of the capabilities of an amphibious warship launching, operating, and recovering the HII-built large-diameter unmanned underwater vehicle (LDUUV). The HII team performed a launch and recovery demonstration involving the LDUUV approaching and being captured by a prototype platform, while being towed to simulate an amphibious ship at low speed.

HII is exploring modifications for other UUVs and participating in live demonstrations with the fleet. The results from this launch and recovery demonstration will assist HII to further mature concepts and continually develop innovative defence solutions.



[HII Unmanned Operations](#)

KraitArray™ Integrates with XLUUV

ASW Operations implemented from Uncrewed Underwater Vehicle



Demonstrating the versatility of the low profile miniaturised acoustic arrays KraitArray™, supplied by UK company Systems Engineering & Assessment (SEA) the array has been deployed from an Extra Large Uncrewed Underwater Vehicle (XLUUV) showing that it could be operated with the fully functional 150m thin-line towed KraitArray™ attached. An end-to-end system check was completed, integrating with the submersible's existing communications and sensor systems – which include position, time, speed and depth – to identify how data would be combined to provide a detailed acoustic profile of the underwater environment.

[KraitArray Integration](#)

The BlueZone Team is Growing!

BlueZone Group is currently hiring for the following positions

- Electrical Technician – Newcastle Office
- Senior Technician – Newcastle or Perth Office
- Technical Sales Manager – Perth Office
- Office Administrator – Perth Office

More details about these positions and how to apply can be found on the BlueZone Group employment webpage or through the link below.



[BlueZone is hiring](#)

Events

Indian Ocean Defence & Security Conference

BlueZone will be attending the Indian Ocean Defence & Security Conference in Perth, WA on the 25th – 26th of August 2022.

This year's conference theme is "Beyond Transits – the emerging security relevance of the Indian Ocean", and it promises to be a very interesting two days. Defence West is delivering the event in partnership with Perth USAsia Centre and the University of Western Australia's Defence & Security Institute.

Teledyne Marine Asia Technology Days 2022

BlueZone is proud to be attending the Teledyne Marine Asia Technology Focus Days on the 19th – 20th of October 2022, in George Town, Malaysia. The two-day conference will introduce the latest product range and highlight some of the most innovative applications. This technology showcase is designed to provide more information about the Teledyne Marine One Team and a vast array of technology solutions.

New Products & Services

Xeos Beacons

When recovery can't be left to chance



The Xeos Apollo Beacon is an independently powered, self-contained Iridium GPS locator beacon with the power of an LED flasher. Notifications of the Apollo's arrival at the surface from anywhere on earth is sent via the Iridium Low Earth Orbit satellite communication system. This beacon has been designed to meet and exceed your expectations.

The Apollo family has 3 beacons:

- Apollo: 7 D-cell alkaline batteries and a depth rating of 11,000 m
- Apollo 3: 3 SAFT D-cell LSH20 batteries and a depth rating of 11,000 m
- Apollo Mono: 1 SAFT D-cell LSH20 battery, with a depth rating of 6,000 m

[Xeos Technology Beacons](#)

RESON SeaBat T51-R

Revolutionary technology, Outstanding performance

The RESON SeaBat T51-R is the latest addition to the leading SeaBat T-series product range. The SeaBat T51-R sonar head assembly brings a revolutionary high frequency band 700 - 800 kHz sonar array with a maximum depth of 125 - 150 m. The flexible lower frequency 350 - 430 kHz has a varying maximum depth of 300 - 350 m. The SeaBat T51-R comes with an optional industry leading fully integrated Inertial Navigation System for accurate sensor time tagging and motion stabilization.



[RESON SeaBat T51-R](#)

Newcastle

+61 2 4964 3500
21 Huntingdale Drive
Thornton, NSW 2322, Australia

Perth

+61 8 6595 1500
Unit 1, 41 Discovery Drive
Bibra Lake, WA 6163, Australia

www.bluezonegroup.com.au

[Unsubscribe](#)