



AHEAD OF THE TIDE™



CAPABILITY STATEMENT

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About

BLUEZONE GROUP

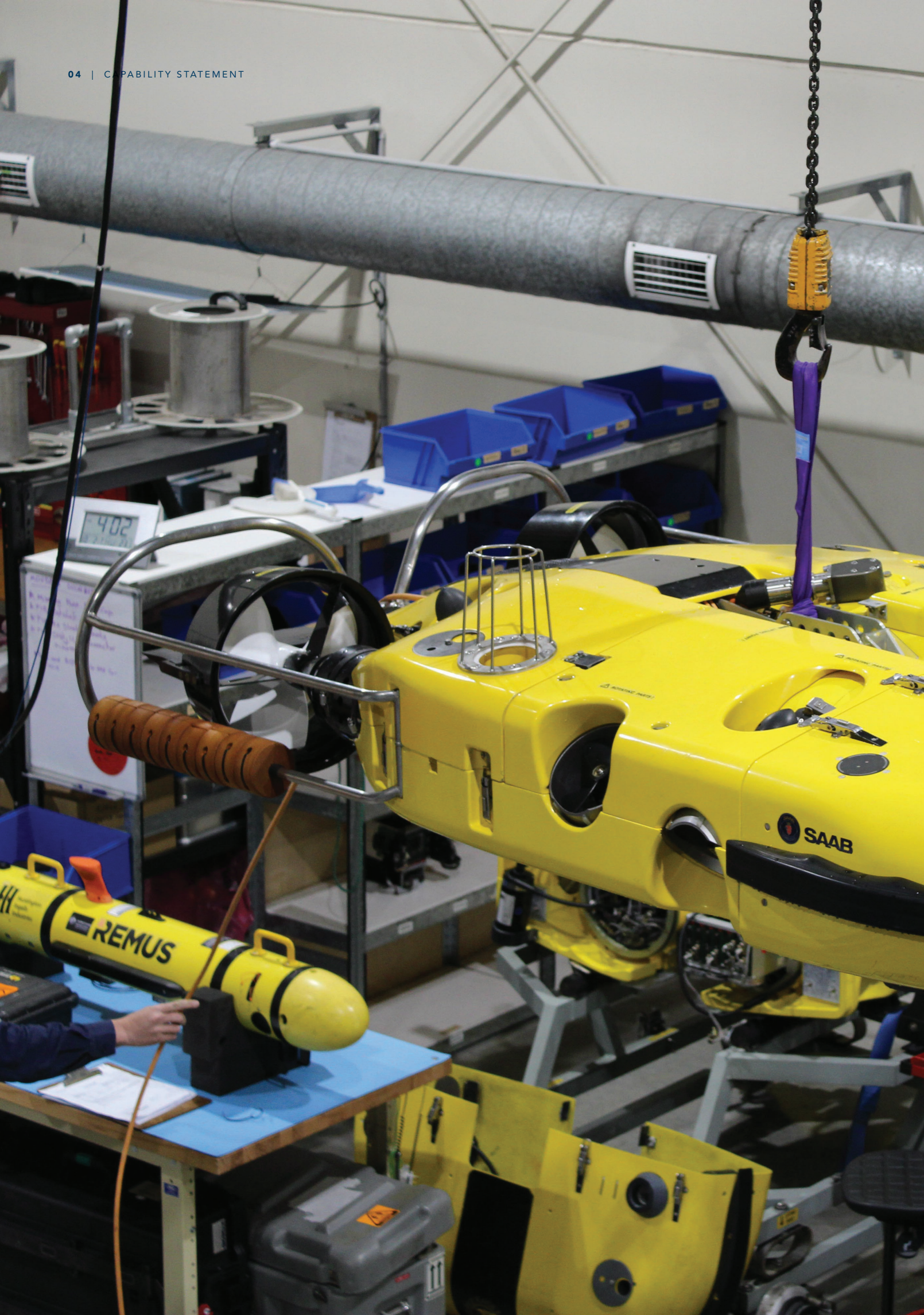
BlueZone Group is an Australian, veteran owned company providing specialist sales, integration, engineering, and through-life service support for high-performance underwater electronic equipment operating in harsh environments. We deliver tailored solutions across Defence, Oceanographic, Hydrographic, Water Resources, Aquaculture, and Energy markets, supporting customers from concept through to sustained in service operation.

Our Robotic and Autonomous Systems engineering and integration combines a technically superior OEM product portfolio, strong application engineering expertise, and depot level service support. This end to end approach enables BlueZone Group to deliver dependable solutions that perform in mission-critical conditions; from deep oceans and coastal seas to rivers and critical water infrastructure, where reliability and operational uptime matter most.

BlueZone Group is driven by a strong commitment to customer service and long-term partnership. Our long-term relationships with leading global suppliers sets us apart and provides us with strong connections to development laboratories and engineering teams worldwide. We leverage this technical "reach back" to deliver world-class sales, service, and support to Australian customers.

With a national footprint and facilities in Newcastle and Perth, supported by an established presence in New Zealand, BlueZone Group delivers responsive local support across Australia and New Zealand for all equipment we supply, service, and design.







Experience

BlueZone Group Pty Ltd is a sovereign owned Australian company headquartered in Newcastle, on the eastern seaboard of Australia. Operating since 1973 (originally as Underwater Video Systems), BlueZone Group has been a supplier of quality subsea equipment and systems to industry, science, and academia for over forty years. In that time BlueZone Group has introduced a number of innovative technologies to the Australian market.

Robotic and Autonomous Systems

BlueZone Group has been engaged in Robotic and Autonomous Systems (RAS) since the introduction of the first Remotely Operated Vehicles (ROVs) to the Australian market. In 1976, an RCV 225 supplied by the then Underwater Video Systems (UVS) was deployed in Australian waters, marking the beginning of our long-standing involvement in subsea robotics. True to BlueZone Group's philosophy of "Service What We Sell", our technicians undertook specialist training in the United States on emerging technologies—including early microprocessor systems incorporated into the first generation of ROVs.

Our heritage is deeply rooted in Australia's offshore environment, originating in the Bass Strait where we supplied and supported some of the earliest ROV operations in the offshore industry. This foundation has shaped our deep technical understanding of subsea systems and drives our ability to deliver reliable capability in demanding operational conditions.

Defence

BlueZone Group has a focus on the design and repair of electronic and robotic equipment with applications specific to advanced defence systems. As service partner of Saab Dynamics since 2000, BlueZone Group has significant experience in providing complete through-life support for the Double Eagle MkII Mine Disposal System operated by the Royal Australian Navy.

BlueZone Group is the premier supplier to Defence in areas of:

- » Anti-Submarine Warfare (ASW),
- » Mine Countermeasures (MCM),
- » Maritime Military Geospatial information including Survey and Mine Warfare and
- » Military Diving.

Capability

BlueZone Group maintains a preeminent position in the underwater electronics sector, with more than 50 OEM representations and a proven history of repeat business from valued, long-term customers.

Australasian Footprint and Multi Market Capability

With operational hubs in Newcastle and Perth, and an established New Zealand capability through BZNZ, BlueZone Group delivers comprehensive coverage across Australia and New Zealand. This Australasian footprint is supported by responsive local sales, service, and technical teams, enabling timely support wherever our customers operate.

BlueZone Group's presence across multiple markets, including defence, offshore energy, research, and critical infrastructure, allows us to identify synergies, transfer proven solutions between sectors, and provide consistent, high capacity support for complex projects. This breadth of experience ensures reliable capability delivery while maintaining the flexibility to respond to diverse operational requirements across the region.

Sales and Service Synergy

The strong sales capability of BlueZone Group is matched by a highly capable service and engineering capacity in underwater technology and systems engineering. Service and engineering staff operate nation-wide, supported by using modern communication tools, to deliver complete projects to a high quality standard and with consistent customer satisfaction. Together, the combined capability provides a complete service to customers supporting complex electronic systems in harsh environments.



Engineering Integration

BlueZone Group delivers end to end engineering integration, transforming individual products into operationally effective capabilities. Our team develops and augments technologies to address capability gaps not met by the market, including in house product development such as the Kailani Buoy. We integrate best of breed vendor systems and sensors, such as autonomous platforms, ADCPs, sonars, and data loggers, into ready to deploy solutions. BlueZone engineers also design tailored sustainment and maintenance frameworks to ensure high availability, reliability, and long term system performance. Supported by qualified systems engineers, we contribute across acquisition and sustainment programs, producing and managing essential project documentation including test artefacts, sparing analyses, and overarching system and capability documentation in collaboration with OEMs and subsystem suppliers.



Quality System & Safety System

BlueZone Group maintains ISO9001 Quality Management and ISO 45001 Safety Management Systems which are tailored to meet its business needs and exacting customer requirements. Independent system auditing is conducted by SAI Global to verify compliance with the International Standards. The inherent continuous improvement regime within the quality system is core to BlueZone Group values and business disciplines.

Commercial Acumen

BlueZone Group demonstrates strong commercial acumen, underpinned by more than 25 years of sound financial performance and a proven record supporting government and industry clients across the maritime sector. As a 100% Australian, veteran owned organisation, we combine local accountability with mature, well governed commercial practices supported by established policies and procedures that reduce risk and streamline procurement. BlueZone Group can provide commercial and commissionable guarantees, offering confidence through delivery and through life support. We support modern compliance requirements through e invoicing and PEPPOL capability, while trading in multiple major currencies to support international OEM partnerships and multinational programs. This disciplined commercial approach enables BlueZone Group to remain responsive, compliant, and dependable; supporting customers from acquisition through sustainment with clarity, confidence, and value.



OHS
ISO 45001
intertek SAI GLOBAL



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intertek SAI GLOBAL



Quality
ISO 9001
intertek SAI GLOBAL



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intertek SAI GLOBAL



PEOPLE ◀

Executive and Senior Management Team



NEIL HODGES

Managing Director

Neil has executive responsibility for the strategic direction, performance and overall management of BlueZone Group. Neil served 13 years in the Royal Navy, specialising in mine warfare, with operational experience gained during live mine countermeasure operations in both the Iran/Iraq war and the Gulf War. Building on this operational background, Neil has led complex programs including the Acoustic Mine Imaging Project, drawing on his expertise across mine warfare and project management disciplines. Neil is a Graduate of the Australian Institute of Company Director Course, reflecting his commitment to professional development and governance excellence. He also holds a Master of Business Administration Technology Management, combining strategic business experience with deep technical to support effective, informed leadership.



ANDREW HAZELL

General Manager – Defence

Andrew brings extensive operations management experience across market analysis, due diligence, acquisitions, and the effective delivery of commercial, HR, IR, safety, and quality outcomes. His strong background in government relations, combined with the development and management of client, supply chain, and stakeholder relationships, has enabled him to successfully negotiate and manage a wide range of defence and commercial contracts. With more than seventeen years' experience delivering maritime and littoral geospatial systems including survey, diving and mine-warfare across Australia, New Zealand and Southeast Asia, Andrew provides a depth of regional and technical expertise supported by a distinctly customer centric approach. He holds an Executive Master of Business Administration (International Business) and an Advanced Diploma of Complex Project Management, underpinning his capability to lead complex, multi stakeholder programs.



DANIEL ROBINS

Engineering Manager

Dan joined BlueZone Group in 2018 and rapidly gained experience applying his mechatronics engineering background to a diverse range of projects, including the development of inspection robots for harsh pipeline environments and the design of sonar deployment systems for Army littoral survey applications. His work across design, sustainment, and obsolescence management has reinforced a strong commitment to rigorous systems engineering practices and high-quality technical documentation. Promoted to Engineering Manager in 2022, Dan now leads a multidisciplinary team of electrical, electronic, and mechatronic engineers delivering the sustainment, upgrade, and design of uncrewed systems, maritime robotics, and undersea sensor technologies in support of Defence and maritime customers. Dan has also obtained a Master of Business Administration with the support of BlueZone Group, reinforcing his ability to balance technical excellence with strong commercial and leadership outcomes.



MITCHELL HINCHCLIFFE

Program Manager

Mitchell leads BlueZone Group's Project Management team, with responsibility for the oversight and delivery of all company projects, as well as contributing to broader executive planning and governance activities. Since joining BlueZone Group in 2018 as a Mechatronics Engineer, Mitchell has progressed through progressively senior roles, being appointed Project Manager in 2022 and Program Manager in 2023. He holds a Bachelor of Engineering (Mechatronics, Honours), a Diploma of Project Management, and is a Certified Practising Project Manager (CPPM) accredited by the Australian Institute of Project Management. Mitchell brings extensive experience delivering Defence contracts for the Australian Army and Navy, with a proven ability to successfully manage complex programs through supply chain disruption and resourcing constraints, including during the COVID 19 pandemic. He is recognised for his strong stakeholder engagement, clear and effective communication, and a disciplined, governance driven approach to project delivery.



KATHRYN BOWDLER

Commercial Manager

Kathryn joined the BlueZone Group in 2020 and is responsible for the company's finance, administration, and marketing functions, supporting effective governance, compliance, and sustainable business growth. She holds a Master of Business Administration with a major in Marketing, a Bachelor of Commerce from the University of Newcastle, and is a member of CPA Australia. With a recent completion of the ACID company directors course, Kathryn is now a GAICD. Drawing on experience across the mining and manufacturing sectors, Kathryn brings strong capability in financial management, commercial reporting, process improvement, human resource management, negotiation, and organisational change. Her broad commercial background and disciplined approach underpin BlueZone Group's operational performance and support the delivery of reliable, customer focused outcomes across diverse markets.

Sales Management

MARK HEGARTY

Group Sales Manager



Mark brings more than 40 years of experience in hydrographic surveying and maritime operations. He served 23 years in the Royal Australian Navy as a Hydrographic Surveyor, followed by a further eight years managing the support of hydrographic and navigation systems installed on RAN Hydrographic Ships. Holding a Diploma of Hydrographic Surveying, Mark combines deep technical knowledge with a practical, hands on approach to customer support, sales, and service of oceanographic and hydrographic equipment. He is trained in CARIS and HYPACK software packages and provides expert support to customers in the deployment and use of these systems.



Service Management

PAUL MONTGOMERY (MONTY)

Workshop Manager

Monty brings over three decades of specialist Defence and maritime systems experience, including 21 years as Workshop Manager at BlueZone Group. Prior to joining BlueZone (formerly ATSA) in 2003, Monty spent 10 years at Thales Carrington, where he was the set to work technician for the Royal Australian Navy's six Huon class Mine Hunters. His background includes service at HMAS Garden Island, an electrical trade, an Industrial Electronics Certificate, and an Associate Diploma of Electrical Engineering. Monty played a key role in mine hunter tender development, electrical systems integration, combat system commissioning, and sea trials; including live shock trials. At BlueZone Group, he has led sustainment and certification for critical systems, managed the Teledyne Certified Service Centre, and supported numerous Navy programs. Monty is the first civilian recipient of a Defence Commendation, recognising his exceptional contribution to Navy mine warfare capability.



FOUNDERS

**Darren Burrowes
& Neil Hodges**



Established in 2000 by Darren Burrowes and Neil Hodges, BlueZone Group has grown from a shared vision into a leading provider of advanced marine technologies and support services in Australia. Darren brings a strong foundation in Electrical Engineering, having served as a Weapons Electrical Engineering Officer in the Royal Australian Navy. Neil served with the Royal Navy, including operational Mine Counter Measures experience in the Arabian Gulf during two conflicts. Together, Darren and Neil set out to strengthen Australia's Mine Counter Measures capability through excellence in engineering, service, and long term support of remotely operated vehicle technologies for Navy operations. This vision has since expanded, enabling a wide range of organisations to operate effectively across Australia's deep oceans, coastal waters, and inland rivers using world leading marine technologies.

LOCATIONS ◀

Facilities

BlueZone Group operates from two fully equipped workshops in Newcastle, NSW, and Perth, WA, providing a national footprint with responsive local support across Australia's east and west coasts. The Head Office is located in Newcastle, approximately two hours north of Sydney and 30 minutes by road from RAAF Base Williamtown. Strategically positioned to service Western Australian customers, the Perth workshop is purpose designed to support depot level servicing for military diving systems and offshore energy operations.

In addition to its Australian facilities, BlueZone Group maintains access to specialist workshops through BlueZone New Zealand (BZNZ), actively involved in the development and production of advanced ocean technologies. This extended Australasian capability strengthens BlueZone Group's ability to support regional programs with engineering depth, manufacturing flexibility, and innovation driven solutions.

BlueZone Group maintains a comprehensive suite of test and support equipment, including specialised hardware and software and a complete reference set of Mine Disposal System shipboard equipment. These facilities are rigorously maintained to support the manufacture, repair, sustainment, and upgrade of Navy mission critical systems, as well as the ongoing support of a wide range of customer platforms and technologies.



BLUEZONE GROUP WORKSHOPS

incorporate the following features:

- » Newcastle: 500m² humidity-controlled workshop and office space
- » Perth: 250m² workshop and office space
- » 250,000 litre testing tank (5m deep & 8m diameter)
- » 1-tonne travelling crane
- » Vacuum chamber
- » Hydrostatic pressure testing
- » Fully equipped clean laboratory

Maritime Robotics Service & Support

- » Saab Seaeye Remotely Operated Vehicles (ROVs)
- » Saab AUV-62AT
- » HII REMUS Uncrewed Underwater Vehicles (UUVs)
- » MARTAC Uncrewed Surface Vehicles (USVs)
- » Ocean Power Technologies (OPT) WAM-V USV
- » SEABER Micro-Uncrewed Underwater Vehicles (UUVs)
- » Greensea IQ EverClean Hull Cleaning Remotely Operated Vehicle (ROV)
- » Greensea IQ Bayonet Autonomous Underwater Ground Vehicle (AUGV)
- » Strategic Robotic Systems Fusion Remotely Operated Vehicle (ROV)
- » Deep Trekker Remotely Operated Vehicles (ROVs)

Software Products & Support

- » Seebyte- Neptune and SeeTrack
- » Teledyne CARIS
- » Teledyne Marine

Military Diving Products & Support

- » Blueprint Subsea Sonar Technology including the full Artemis Suite
- » SUEX Diver Propulsion Vehicle
- » Rebreathers
- » Cameras

Polyurethane Moulding Service

- » Full capability for subsea and deck cable harness manufacture

Slip Ring Service & Repair

- » Authorised service and repair facility for Focal Electrical and Fibre Optic Rotary Joint (FORJ) slip rings

Acoustic Doppler Current Profiler (ADCP) Service Centre

- » Teledyne approved ADCP Service Centre

Defence Security Clearance

- » Security management to meet Defence security requirements

Specialised Paint Facility

- » Full down draft heated spray booth
- » ClearSignal™ Biofouling Treatment
- » Painting to Defence standards



EXPERTISE & EQUIPMENT

Defence

BlueZone Group provides specialist engineering expertise and equipment solutions to the Defence sector, with a strong focus on Remote and Autonomous Systems (RAS).



This capability, combined with a proven track record delivering complex Defence projects, has established BlueZone Group as a trusted and dependable industry partner.

With more than 25 years of experience supporting critical Defence systems across acquisition, integration, and sustainment, BlueZone Group is well positioned and ready to scale in support of emerging Defence priorities, including the expanded capability demands of AUKUS and future force modernisation programs.

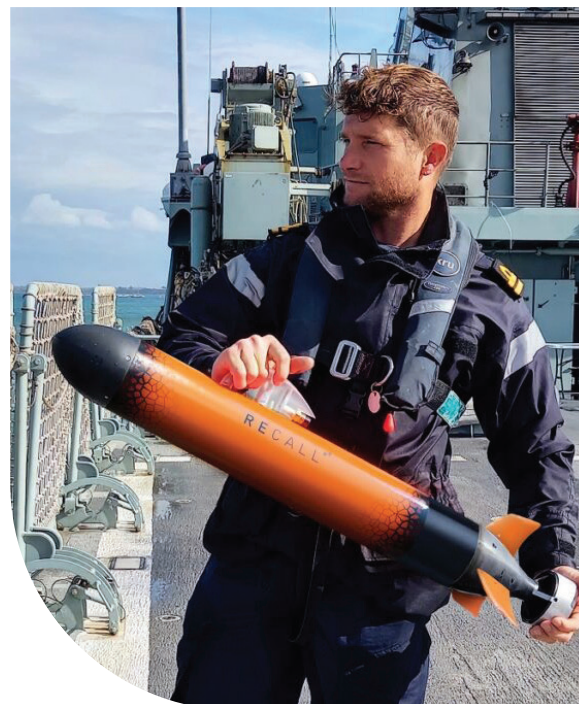
MINE COUNTERMEASURES

More than 25 years of experience supporting and sustaining

Mines remain one of the most effective weapons available to any adversary determined to prevent Joint or Coalition forces from achieving access to sea lines of communications and the littoral environment. Their widespread availability, variety, cost-effectiveness, ease of deployment and disproportionate impact on naval expeditionary operations make mine warfare a persistent and complex maritime threat.

BlueZone Group has served as the in-country support and sustainment partner for the Saab Double Eagle Mine Disposal System for more than 20 years, enabling safe, reliable, and cost effective Mine Countermeasures (MCM) operations. The detection, localisation, and safe disposal of naval mines is inherently complex and high risk; the use of uncrewed systems significantly reduces danger to military personnel and critical assets while improving operational efficiency.

Looking to the future, BlueZone Group continues to support the evolution of MCM capability by offering globally leading OEM systems including REMUS, Kraken, advanced ROV platforms, and Seebyte mission management and autonomy software. These technologies represent the next step in autonomous and networked MCM operations across Australia and New Zealand. All systems supplied by BlueZone Group are supported through our workshops and sustained by highly trained technicians and engineers, ensuring availability, reliability, and through life mission readiness.



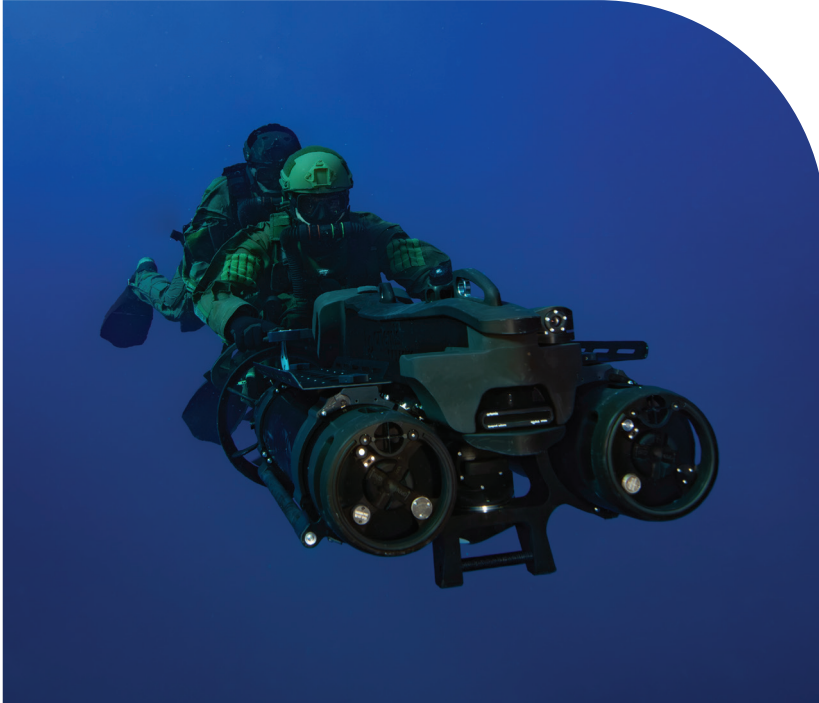
ANTI-SUBMARINE WARFARE

Contributing to ASW capability with autonomy and automation

Submarines remain a critical element of maritime defence, with the Indo Pacific emerging as the world's fastest growing submarine operating region. This rapid expansion presents an increasingly complex challenge for anti-submarine warfare (ASW).

Uncrewed systems play a vital role in modern force generation. By augmenting existing surveillance assets and complementing traditional platforms, uncrewed platforms enhance ASW effectiveness in two keyways: increasing platform numbers to provide defence in depth and expanding underwater sensor coverage to enable a layered defence across contested maritime environments.

BlueZone Group works with leading OEMs to supply, service and sustain Uncrewed Surface Vessels (USVs) and Uncrewed Underwater Vessels (UUVs) for ASW application. The BlueZone Team have been trained by the OEMs to ensure the best possible service is offered, allowing these assets to remain in Australia, reducing down-time and cost.



MARITIME MILITARY GEOSPATIAL INFORMATION INCLUDING SURVEY AND MINE WARFARE

Augmenting existing capabilities with uncrewed systems

The demand for maritime survey capability will continue to grow as detailed knowledge of the undersea environment provides a critical operational advantage to the Australian Defence Force. Persistent survey and re survey operations are essential, particularly in areas characterised by mobile seabeds, dynamic sand waves, and evolving seabed hazards that can impact freedom of manoeuvre and safety of operations.

Military survey encompasses specialised activities conducted in direct support of Defence objectives, often requiring delivery in contested, covert, or high threat environments. These operations demand robust, reliable systems and teams with proven experience operating under operational constraints.

BlueZone Group maintains a specialised product portfolio tailored for demanding subsea and maritime survey applications. BlueZone Group provides through life support and sustainment, ensuring long term reliability, availability, and mission readiness of the capabilities we deliver.

MILITARY DIVING

Increasing efficiency and safety for Military Diving

Military diving involves risks and responsibilities beyond those of other professional diving activities. Operations performed by divers in Defence include, but are not limited to; explosive ordnance disposal, search and recovery, search and rescue, hydrographic survey, demolition, underwater engineering, reconnaissance, underwater combat and security.

BlueZone Group supports professional diving operations through the supply, integration, and sustainment of high quality subsea equipment from leading OEM partners. Our capabilities include Diver Propulsion Vehicles (DPVs), underwater navigation and sonar systems, and rebreather technologies, enabling safe, effective, and mission ready diving operations in demanding environments.

With fully equipped facilities on Australia's east and west coasts, BlueZone Group provides nationwide support, delivering responsive technical assistance, servicing, and through life sustainment for all systems supplied.



OPERATIONAL SUPPORT

Contributing to ASW capability with autonomy and automation

Saab AUV-62AT Intermediate ASW Training Target

BlueZone's long-standing partnership with Saab Australia has ensured continuous in-service operational and maintenance support for the AUV62-AT Intermediate Anti-Submarine Warfare (ASW) Training Target. Marine robotics supported by BlueZone will play a crucial role in enhancing the Australian Naval fleet's capabilities, enabling it to maintain a technological edge. BlueZone provides comprehensive support for the AUV62-AT, including full warranty coverage and additional services beyond warranty, as required.

INTRODUCTION TO SERVICE

BlueZone Group delivers experienced engineers and technicians trained in maritime systems to support the introduction of equipment into service. Our capability includes systems integration, operator and deckhand training, technical documentation, and OEM reach back, including coordination with multinational suppliers for training and technical support. Across a range of programs, BlueZone Group also delivers equipment and conducts sea trials and test activities in support of both internal and customer test programs, with outcomes leveraged to inform and support broader Defence projects. We implement structured maintenance and sustainment practices to maximise system availability, reliability, and service life.

THROUGH LIFE SUPPORT

"We service what we sell"

Saab Double Eagle Mk II Mine Disposal System and AUV-62AT

BlueZone Group and Saab Underwater Systems have worked in close cooperation for more than twenty-five years and have developed "world class" capabilities for support of the Double Eagle and AUV-62AT systems. This capability in Australia provides a complete service for the customer and supports a full two-way flow of information that is facilitated through regular contact at technician, engineering and management levels.

HII REMUS

BlueZone Group has provided service and support for REMUS vehicles since their first introduction to operations in Australia. BlueZone Group offers all elements of support for the REMUS including full warranty support and further support and service as required beyond warranty work. BlueZone Group is registered under ITAR with approvals to dismantle the REMUS UUV.

SRS FUSION

BlueZone Group provides support for all aspects of FUSION ROV operations and maintenance including operational support, transport case, wave glider transport kit, and design and integration of payloads.

SUEX Diver Propulsion Vehicles (DPV)

BlueZone Group provides end to end support for SUEX Diver Propulsion Vehicles, ensuring mission ready capability for Defence and Special Forces users. Support includes sales, engineering integration, repair, sustainment, and access to approved spares and upgrades, backed by specialist technical expertise and responsive in country support.

BluePrint Subsea Systems

BlueZone Group provides comprehensive service, support, and through life sustainment for the full range of Blueprint Subsea Systems technologies. This includes installation, configuration, troubleshooting, repair, and ongoing technical support delivered by trained technicians with deep operational understanding. Our approach ensures Blueprint systems remain reliable, mission ready, and optimised for use in demanding subsea environments.

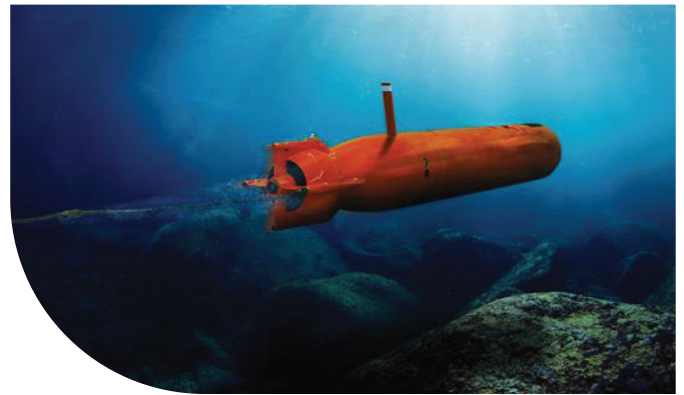


EXPERIENCE



Defence Projects

BlueZone Group draws on more than twenty-five years' experience as a Defence-focused SME. The company has a proven track-record of high-quality performance on multiple projects for the Australian Defence Force.



AUV62-AT Intermediate Anti-Submarine Warfare Training Target

BlueZone Group provides in country operational, repair, and maintenance support to Saab Australia for the AUV62 AT Intermediate Anti-Submarine Warfare Training Target. The AUV62 AT delivers a cost effective and highly versatile alternative to the use of submarines for ASW training, reducing reliance on scarce and high value operational assets.

The system supports realistic training of surface, air, and sub surface ASW forces, either independently or in combined scenarios, and can be programmed to deliver training from basic through to advanced levels. Exercise profiles are developed using the mission planning system and tailored to specific training objectives.

The AUV62 AT employs a transducer tail to accurately replicate submarine acoustic signatures, with profiles adjustable by submarine type and complexity to meet evolving training requirements. Its flexibility enables longer and more intensive training serials without additional platform demands, and it can be launched and recovered from ships, submarines, or from shore, allowing deployment across a wide range of exercise environments.

SEA 1770 Rapid Environmental Assessment

BlueZone Group, as Subcontractor to Lockheed Martin Australia and then Leidos Australia, supplied, integrated, and continues to support sensor systems for the Rapid Environmental Assessment capability being provided to RAN under SEA1770. These systems include, but are not limited to, two 9.5m Maritime Geospatial Survey Crafts, four Fly Away Survey Kits (FASKs), two Uncrewed Underwater Vehicles (UUVs), and ancillary environmental assessment sensor systems.

Equipment includes, but is not limited to:

- » 2 x Uncrewed Underwater Vehicles (UUV) – REMUS 100 UUVs
- » 2 x Side Scan Sonars – Edgetech 4200
- » 8 x Multi-Beam Echo Sounders – Norbit iWBMS
- » 2 x Multi-Beam Echo Sounders – Teledyne-Reson T20-P
- » 2 x Motion Sensors – Applanix Wavemaster II IP68
- » 2 x Single-Beam Echosounders – Teledyne-Odom Echotrac CV100
- » 4 x Sound Velocity Sensors and Profilers – Valeport
- » 10 x Tide gauges – RBR
- » 4 x ADCPs – Teledyne RDI WHS600
- » 2 x Sub Bottom Profilers - Knudsen

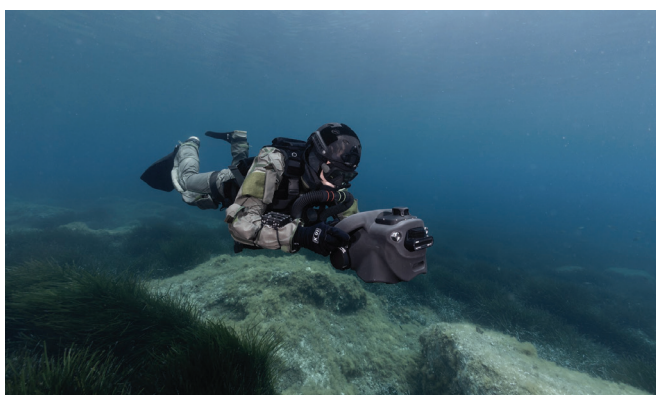
LAND1771 Portable Littoral Riverine Survey System (LRS)

BZG has been contracted directly by the Commonwealth to design, supply, integrate and support the portable hydrographic survey sensor suites for the Army Littoral and Riverine Survey Squadron REA Army Safety Watercrafts.

Equipment includes, but is not limited to:

- » The LRS Sensor Suite, including a Teledyne Multibeam Sonar, Reigl LiDAR, BluePrint Subsea Starfish SSS, and CeeHydro Systems Singlebeam Sonar.
- » The Universal Sonar Mount Mounting Sub-System;
- » The BZG (Australian) designed and built LRS End User Terminal (EUT);
- » The BZG (Australian) designed and built LRS Power Distribution Sub-System;

Ancillary equipment including special test and evaluation equipment.



Hand Held Sonar System

The Diving, Autonomy and Signatures System Program Office (DASSPO) contracted BZG directly for the supply of 42 Hand Held Sonar Systems to replace the obsolete AN/PQS-2A Hand Held Sonar which has been in service with the Royal Australian Navy since 1995.

Systems provided included, but not limited to:

- » BluePrint Subsea ArtemisPRO HHS
- » Blueprint Subsea Oculus Sonar
- » Blueprint Subsea SeaTrac USBL system
- » Operational and mission software
- » Associated sparring, licenses and batteries.



Maritime Remotely Operated Vehicle (MROV)

The Diving, Autonomy and Signatures System Program Office (DASSPO) contracted the supply and sustainment of 6 x SRS FUSION ROVs.

The contract includes, but is not limited to, supplies, spares, project management, engineering, ILS, ongoing Depot level support and further quantities.

Approved Depot-level Technical Support Agency

BlueZone Group is the Approved Depot-level Technical Support Agency for the following OEMs:

- » HII REMUS Uncrewed Underwater Vehicles (UUVs)
- » Kraken Synthetic Aperture Sonars (SAS)
- » Kraken Subsea Batteries
- » SAAB AUV-62 IASWTT (UUV)
- » BluePrint Subsea Artemis Hand Held Sonars (HHSs)
- » SUEX Diver Propulsion Vehicles (DPVs)
- » SRS Fusion Remotely Operated Vehicles (ROVs)
- » SAAB Doble Eagle ROVs
- » Teledyne SLOCUM Gliders
- » MARTAC MANTAS And Devil Ray Uncrewed Surface Vehicles (USVs)
- » Teledyne RDI Acoustic Doppler Current Profilers (ADCPs)

EXPERIENCE ◀

Energy

BlueZone Group has a long and established history supporting Australia's offshore energy sector, with origins as a supply company to the nation's first offshore oil and gas developments in the Bass Strait. In the 1970s, BlueZone Group (then known as USV) introduced and operated the first Remotely Operated Vehicles (ROVs) deployed in Bass Strait, gaining first hand experience operating subsea systems in some of Australia's harshest offshore conditions.

Since that time, BlueZone Group's capability has grown in parallel with the Australian offshore energy industry. Our deep operational heritage underpins a disciplined approach to equipment selection, integration, and sustainment, ensuring we provide offshore energy customers with proven, reliable solutions designed to perform in demanding and safety critical environments.



SUPPORT CAPABILITY

BlueZone Group's support capability, based from our Perth, Western Australia facility, ensures that every product we supply is backed by Australian based service and repair. Our highly experienced technical team delivers rapid, high quality repairs and sustainment across a wide range of subsea and maritime systems, providing customers with reliable support and reduced equipment downtime.

EXTENSIVE PRODUCT CATALOGUE

BlueZone Group maintains an extensive product catalogue, enabling us to supply high quality subsea equipment to meet a broad range of customer requirements—from sustaining legacy systems to delivering capability upgrades for new and emerging projects. We represent and distribute products from many of the most respected manufacturers in subsea oil and gas and offshore energy, including Teledyne, Imenco, XEOS, Deep Sea Power & Light, OceanTools, SIDUS, SEACON, and other leading OEMs.

Supported by a knowledgeable and well trained sales team, our breadth of products and technical expertise allows BlueZone Group to provide rapid, informed responses and tailored solutions to meet customer needs in demanding operational environments.

Slip Ring Service and Repair

BlueZone Group maintains an authorised service and repair facility for Focal Electrical and Fibre Optic Rotary Joint (FORJ) slip rings. Working closely with Moog, BlueZone Group established a specialised room for service, repair and overhaul for slip ring units. Our experienced technicians have completed many slip ring overhauls and customers can be assured of

a rapid and high-quality service to manufacturer's standards. The BlueZone Group slip ring repair and service facility provides the best alternative for getting your slip ring back in service rapidly to meet original specifications.

Polyurethane Moulding Service

Our specialised Moulding Workshop provides a leading national capability for subsea and deck cable harness manufacture. Using in-house knowledge and methods developed through years of service to the subsea industry, BlueZone Group is able to complete moulding work which will ensure trouble free operation in customer systems. The BlueZone Group polyurethane moulding service includes the capability to securely bond to all neoprene and metal shell connectors and most cable types including polyurethane, PVC, Neoprene, EPR and sealing capability to Polyethylene sheathed cables.

SUBSEA TRENCHERS

BlueZone Group designs, manufactures and supplies systems for control and monitoring of subsea trenchers developed with six successful systems deployed globally.

During the design phase of each system, largely based on the solid platform of previously completed projects, the use of current technology is always the primary focus. This is achieved with BlueZone Groups in-house engineering capability which continually seeks to keep abreast of new developments, as well as a strong commitment from management to pursue and develop internal R&D projects and product development where practical and beneficial to our clients.



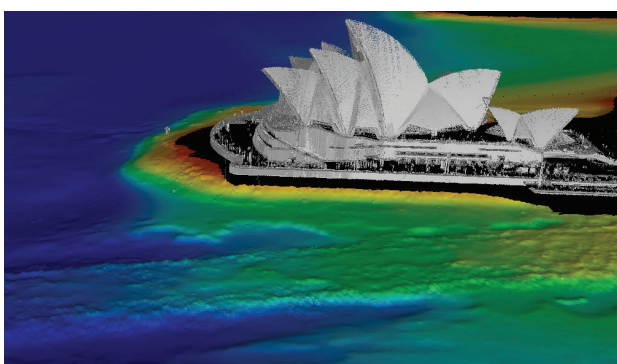
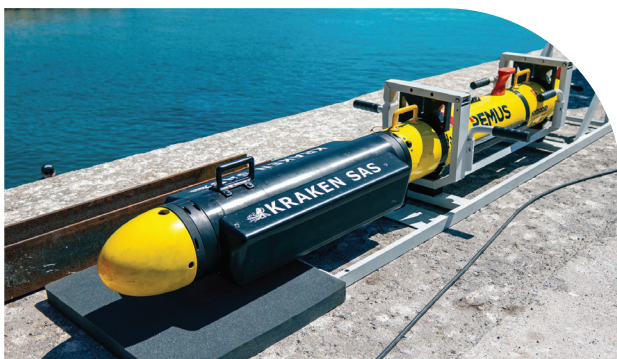
EXPERIENCE ◀

Hydrographic

BlueZone Group maintains long standing and trusted relationships with Australia's leading hydrographic survey companies and HIPP (Hydroscheme Industry Partnership Program) panellists, as well as the water resources and river hydrology and hydrographic community.



These partnerships have been built and sustained over almost four decades through the delivery of expert technical service and responsive support. Since 1989, BlueZone Group has been at the forefront of introducing and driving industry acceptance of Acoustic Doppler Current Profiler (ADCP) technology for hydrologic, hydrographic, and hydrodynamic measurement applications, supporting accurate data collection across Australia's inland and coastal water environments.



HYDROGRAPHIC

BlueZone Group provides comprehensive solutions across the full spectrum of maritime geospatial and hydrographic survey systems, including Single and Multi Beam Echo Sounders, Synthetic Aperture Sonars, Side Scan Sonars, and professional hydrographic survey software. Drawing on a broad portfolio of proven technologies, BlueZone Group tailors integrated survey system solutions to meet specific operational, technical, and budgetary requirements.

Selecting the right hydrographic survey equipment, particularly complex systems such as Multi Beam Echo Sounders, is critical to achieving accurate data and value for money. BlueZone Group works closely with international Original Equipment Manufacturers (OEMs) and customers to understand the intended use of hydrographic data and operational outcomes, enabling us to recommend fit for purpose solutions that deliver reliable performance and long-term return on investment.

ADCP SERVICE AND SUPPORT

BlueZone Group provides comprehensive in country service and technical support across Australia. The BlueZone Group Verification and Validation (V&V) Service offers a cost effective, rapid, and reliable means of assessing the operational status and performance of Acoustic Doppler Current Profiler (ADCP) instruments.

Leveraging Teledyne RDI's proven ADCP broadband technology and advanced bottom tracking algorithms, BlueZone Group enables customers to collect high quality, dependable current data with confidence. With ADCP solutions covering the full spectrum of operating environments, from shallow inland waters to deep water and offshore deployments, BlueZone Group ensures fit for purpose capability supported by local expertise.

Teledyne Marine Imaging Service

BlueZone Group's factory-trained engineers are available to assist with all types of service and support issues for products supplied by the Teledyne Marine Group, including Teledyne RESON, Teledyne BlueView, and Teledyne Odom.

HYDROGRAPHIC PRODUCTS

BlueZone offers a wide range of products for hydrographic applications.

- » Teledyne Sentinel & Workhorse Proteus ADCPs
- » Teledyne SeaBat and HydroSweep Multi Beam Echo Sounders
- » Teledyne BlueView and ODOM SONARs
- » Moving Vessel Profilers
- » Teledyne Marine and Seafloor Systems USVs
- » Aquatec Turbidity Loggers
- » Single Beam Echo Sounders
- » Klein Side Scan Sonars
- » Kraken Synthetic Aperture Sonars



EXPERIENCE ◀

Oceanographic

BlueZone Group has been a long-term supplier to the Ocean Science community. We stand behind every product that we sell and support from our workshops in Newcastle and Perth, where factory-trained technicians can complete repairs, upgrades and calibrations to meet your requirements.

OCEANOGRAPHIC

Ocean science underpins environmental stewardship, maritime safety, and informed decision making across Australia's marine domain. High quality, long term environmental data is critical to understanding ocean processes, climate impacts, and human interaction with the marine environment.

BlueZone Group supplies proven oceanographic and environmental monitoring systems to support baseline surveys, long term observation programs, and operational monitoring. Our solutions range from water sampling instrumentation to advanced Acoustic Doppler Current Profiler (ADCP) buoy systems designed for sustained deployment in challenging marine conditions.

BlueZone Group also provides equipment supporting professional hydrographic and geophysical survey operations across coastal engineering, port development and maintenance, and offshore energy sectors, enabling accurate data acquisition in support of regulatory compliance, asset management, and operational planning.

SUPPORT CAPABILITY

Our nation-wide support capability, with facilities located in Newcastle and Perth, ensures that we stand behind every product we sell with depot-level service and repair.

After Sales Service

BlueZone Group has been successful in establishing the first Service Centre for Teledyne RDI ADCPs outside of the Teledyne organisation. This service capability is now receiving orders and is available for fast turn-around of ADCP equipment in Australia for fault-finding, repair, verification, and maintenance.





Teledyne Marine Acoustic Imaging Service

BlueZone Group's factory-trained engineers are available to assist with all types of service and support issues for products supplied by the Teledyne Marine Group, including Teledyne RESON, Teledyne BlueView, and Teledyne Odom.

OCEANOGRAPHIC PRODUCTS

BlueZone offers a wide range of products for oceanographic and hydrographic processes.

- » Teledyne Ocean Surveyor, Pinnacle, Workhorse Proteus and Sentinel ADCPs
- » Teledyne Slocum Gliders
- » SEABER YUCO Micro-UUVs Range
- » Acoustic Releases
- » Deep Water ADCP Buoys
- » Xeos equipment

“

“Teledyne RDI and BlueZone Group have enjoyed a long-term relationship that is focused on spectacular customer satisfaction, and initiatives such as the ‘ADCPs in Action Conference in Australia’ which were key to supporting customers in the application of ADCPs to their work.”

HARRY MAXFIELD

Vice President Of Sales & Marketing,
Teledyne RD Instruments

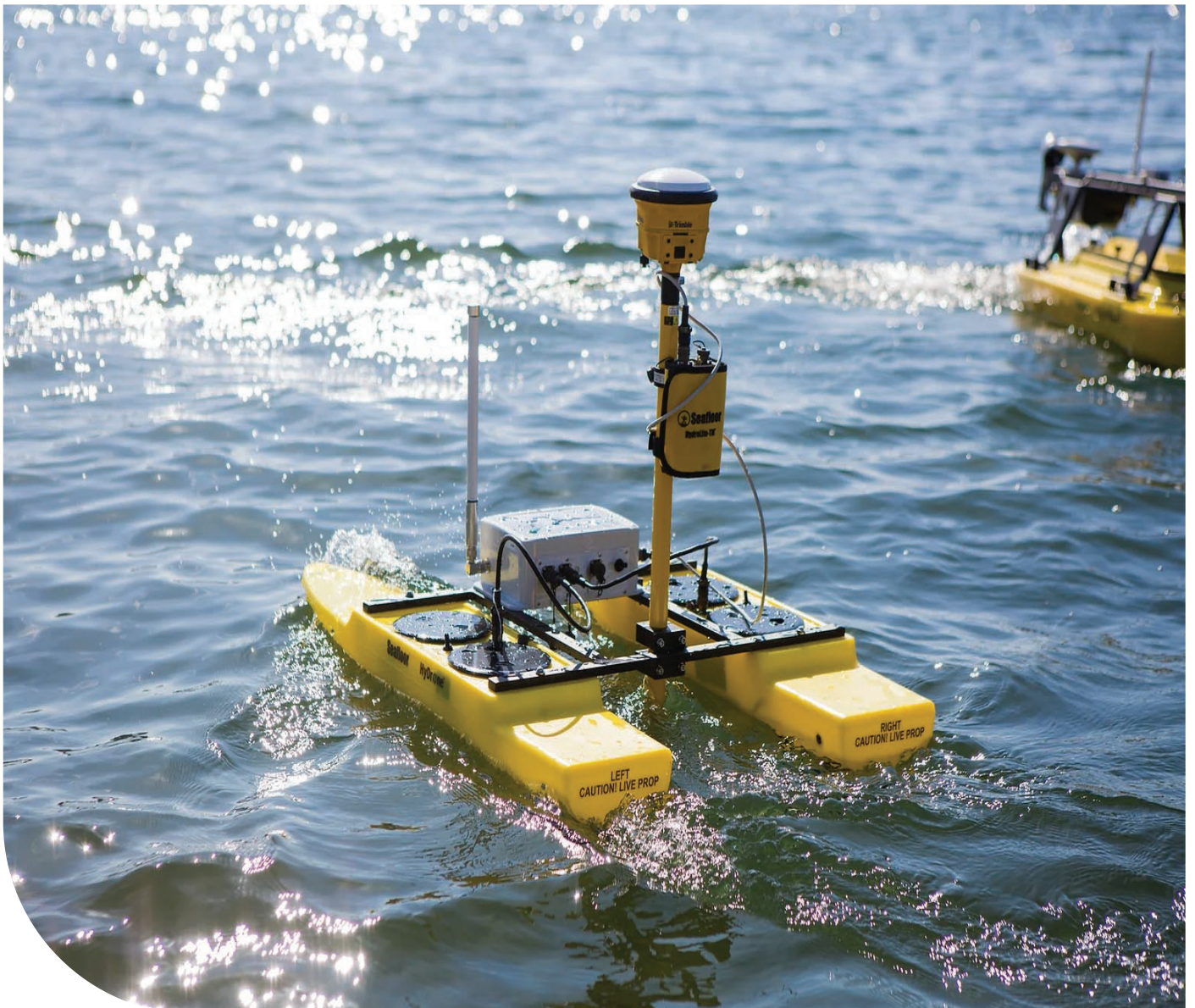
BlueZone Group has been a distributor for Teledyne RD Instruments for more than thirty years.



EXPERIENCE ◀

Water Resources

BlueZone Group provides advanced engineering solutions for water resource management, focusing on sustainable practices and environmental protection. With expertise in monitoring and data technology, BlueZone supports effective water management, helping preserve aquatic ecosystems while ensuring efficient use of water resources across Australia.



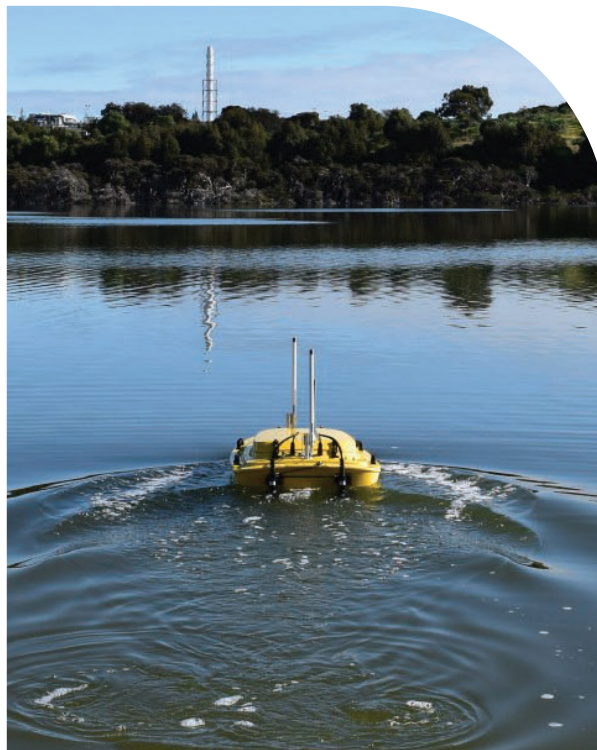


River Monitoring

River monitoring underpins a wide range of critical activities, from the assessment of water resources and environmental management to flood modelling, infrastructure design, and safe recreational use. Key parameters measured include water velocity, depth, and discharge; the total volume of water transported downstream.

Since the 1990s, river discharge measurement has transitioned from mechanical methods to advanced acoustic technologies. For measurements conducted from moving platforms such as boats and floats, Teledyne RD Instruments (TRDI) Acoustic Doppler Current Profilers (ADCPs) have become the industry standard. TRDI ADCPs deliver high accuracy measurements, rapid data acquisition, and near real time discharge results, supported by dense sampling throughout the water column and along the survey track.

These capabilities have established TRDI ADCPs as best in class solutions, offering proven reliability, dependable data quality, and an extensive global user base across riverine and hydrological monitoring applications.



ADCP Service and Support

BlueZone Group provides full service and support in Australia. The BlueZone Group Verification & Validation Service provides a cost effective, rapid and reliable way to determine the status of your ADCP instruments. Teledyne RDI's ADCP broadband technology and bottom tracking algorithms ensure that users collect the fastest most reliable data. The range of ADCPs covers all field environments.

Water Resources Products

BlueZone offers a wide range of products for water resource applications.

- » Teledyne RiverPro & Channel Master ADCPs
- » Teledyne Single and Multi-Beam Echo Sounders
- » Teledyne and Seafloor Systems USVs
- » Aquatec Turbidity Loggers
- » General Acoustics water level and remote sensing water resource measurement systems



EXPERIENCE ◀

Robotic and Autonomous Systems Engineering and Integration

BlueZone Group brings decades of subsea and harsh environment engineering expertise, with capability roots dating back to the early 1980s. Our in house engineering team partners closely with clients to efficiently translate concepts into operational solutions, delivering projects on time and within budget. All work is executed under our ISO 9001–accredited quality management framework, ensuring consistent, reliable, and fit for purpose outcomes.





Supplier Relationships

BlueZone Group has long-term relationships with leading global suppliers. These suppliers are at the forefront of research and development and the introduction of new and innovative systems to the market. Our long-term relationships mean that we follow the development in supplier labs, and we know and understand the new technology as it is introduced to market.

Our engineers and technicians are amongst the first to be trained in support for new systems. Strong communication links with supplier engineering development teams means that we can source new and innovative ideas for applying technology.

We have the depth of understanding and communication with engineering development teams to ensure that RAS systems are set to work and have the function and performance to meet the requirements of the most demanding customers.

RESEARCH & DEVELOPMENT

Our commitment to Research and Development (R&D) provides innovation that drives the company forward. BlueZone Group invests in R&D, particularly ocean engineering and associated technologies, to ensure we are known as an essential contributor to Australia's ocean engineering capability, especially in the field of underwater vehicles and systems.

In 2012, ATSA received an Australian National Engineering Excellence Award for the SeaUrchin™ Marine Power Generator project. ATSA completed original engineering development of a subsea generator, constructed prototypes, and completed at-sea proof-of-concept and performance testing. ATSA provided project management for the complete project, including leading the development team of Elemental Energy.



COMPONENT DEVELOPMENT

Through close cooperation with customers, BlueZone Group specialises in developing new components for in-service systems. Innovation in component development leads to new and improved ways to operate systems increasing the function and performance and extending system life.

Tether Connection Mk II

Unsolicited improvement developed to improve performance and changeover times in Mine Disposal Vehicle operation. Original changeover time 2-3 hours reduced to a "plug & play" solution to connecting to the Double Eagle Mk II Mine Disposal Vehicle.

ATS Transponder Mount

Design of a new location and new mount for a larger Acoustics Transponder System beacon to address an obsolescence issue. The location and new mount needed to consider a thorough risk analysis and was designed and prototyped to meet customer requirements.

Portable Operator Control Board (POCB)

The Mk 2 POCB provides the same function and performance as the original POCB but with a reduction in size and component count. The reduced size and weight allows for easy operation, handling, and storage of the POCB Mk 2. The use of the latest available electronic components together with a reduction in parts count, leads to increased reliability and robustness and addresses all known obsolescence issues.

PRODUCT DEVELOPMENT

Special Forces Submarine Surveillance

Design, manufacture and commissioning of a low-light camera network for external monitoring of COLLINS Class Submarine activities during night operations. The system consists of 4 low-light underwater cameras with an on-board monitoring and control unit for viewing and recording of activities as required. The on-board control unit provides remote viewing at various locations around the bridge and electronic warfare unit.

RON Camera System

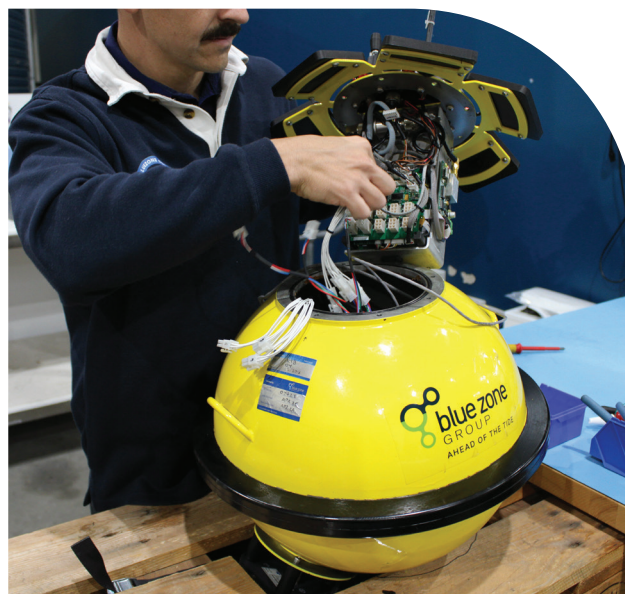
Design, manufacture and commissioning of a Pan/Tilt/Rotate colour camera system for installation onto the COLLINS Class Submarine fleet. Seven systems in total, designed to allow for flexible external viewing of mast, periscope and general operations. A colour camera was mounted onto the fin of each submarine with a monitoring and control unit installed in the bridge to allow for control of the Pan & Tilt functionality as well as for local viewing and recording of images.

External outputs were also made available for routing of video to other submarine locations such as the sailor mess and captain quarters.

OG05 Teledyne Reson T20 Integration Kit

The OG05 Teledyne Reson T20 Integration Kit provides for fast and easy integration of the SeaBat® T20 Multi Beam Echo Sounder into small boats or other survey vessels as required. Using the OG05 Teledyne Reson T20 Integration Kit the complete T20 MBES can be re-packaged from multiple shipping cases to just four rugged cases making for fast mobilisation, and easy integration by land, sea or air and fast setup onboard small boats or other survey vessels as required.

As used in the LAND 1771 Littoral Riverine Survey System program.



OG04 Kailani Telemetry Buoy

The Kailani Telemetry Buoy (KTB) implements seafloor to space communications for ocean floor instruments. The compact sea surface buoy package is just 460mm in diameter and less than 25kg making it ideal for deployment from small boats. Inside the buoy is a battery power supply providing a minimum of 30-days endurance with longer durations possible using on-board solar photovoltaic charging. Computing power in the KTB provides for communication with ocean floor instruments, reception and batching of data and transmission by either satellite or VHF radio link.

The "Internet of Things at Sea" – IoT@Sea – is made real by the Kailani Telemetry Buoy for receiving real-time data from your deployed instruments.

Optus "Clever Buoy"

BlueZone Group completed development of the world-first Optus "Clever Buoy", an innovative device for detection of sharks at beaches. In twelve weeks, BlueZone Group rapidly assembled a skilled engineering team that took the concept from the whiteboard to at-sea testing and global launch. The Clever Buoy integrates a sonar detection system, interface software, battery power and communications systems in one rugged buoy that can be deployed at beaches around the coastline.





AHEAD OF THE TIDE™

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