

# CAPABILITY STATEMENT

## OFFSHORE SERVICES

### THE PURPOSE

This document is composed to assist our clients and the supply chain to understand our group operating structure, as well as provide them with a high-level overview of the benefits, services and specialist packages associated with our offshore capabilities.



**VERITECH  
GROUP**



**GEO OCEANS**



**SONOMATIC**

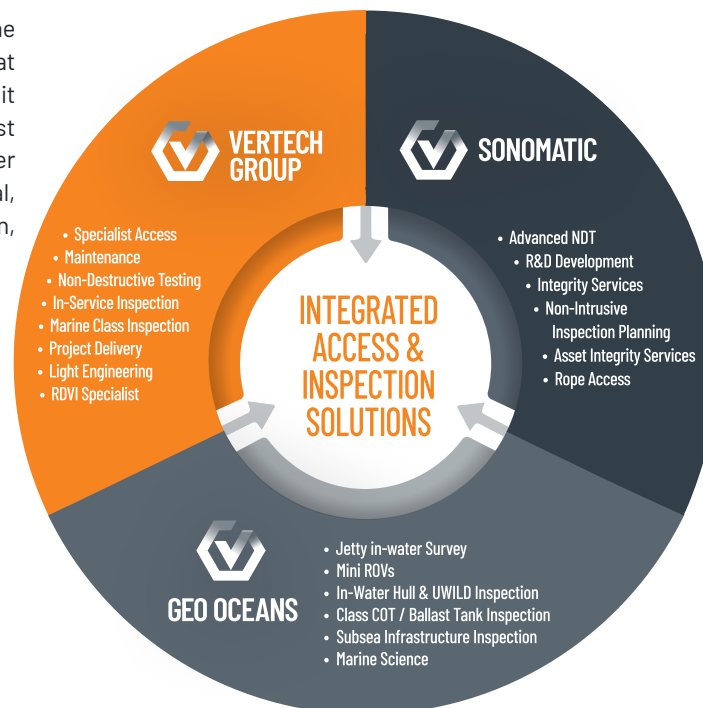


**BLUE OCEAN  
MARINE SERVICES**



# COMBINED SERVICES

Vertech, Sonomatic, Geo Oceans and Blue Ocean Marine Services have combined into a single group that compliments each other's strengths. As a cohesive unit we can provide a wide range of services and specialist packages tailored to the needs of each client. No matter what the scope, we offer the very best mechanical, coating, alternative access, rigging, visual inspection, ROV, AUV, and NDT services, all within one group.



## OWNERSHIP STRUCTURE



## OFFICE LOCATIONS



# OFFSHORE PRODUCTION

For more than a decade Vertech Group has been a key provider of offshore inspection and maintenance services in the Asia Pacific region. This success is due to three key factors; a focus on client satisfaction, Vertech's world-class team of experts, and a diverse suite of innovative solutions. These three pillars united to ensure that our clients get the best result, first time, every time.

Vertech's body of work speaks for itself, with our team having delivered countless highly complex scopes such as derrick decommissioning, flare tip replacements, riser IRM, underdeck platform construction and subsea tie back modification projects.

## ASSET OPERATING EXPERIENCE



## GROUP ACCREDITATIONS



- ISO 9001: 2015
- ISO 14001:2015
- ISO 29001:2010
- ISO 45001:2018



- ABS Hull Gauging Firm
- ABS Approved Supplier for UAV
- ABS Remote Inspection Techniques (ROV)



- BV Remote Inspection Techniques
- BV Thickness Measurements of Hull Structures
- DNV Close up Survey



- DNV NDT on Classification Projects
- DNV Thickness Measuring
- DNV in-Water Survey (ROV)



- Vertech IRATA Operator & Trainer
- Lloyd's Register Remote Inspection (UAV)
- Lloyd's Register Remote Inspection (ROV)
- LR Thickness Measurements of Hull Structure



- NATA Lifting and Lifted Inspection
- NATA Pressure Vessel Inspection
- NATA NDT Inspection

## WE PRIDE OURSELVES ON OUR





# OFFSHORE SERVICES

## NON-DESTRUCTIVE TESTING

Vertech has a wealth of NDT experience across the offshore sector and can provide recommendations & solutions to ensure compliance with international standards.

Vertech Group is certified to ISO 17205 as an NDT inspection body by the National Association of Testing Authorities (NATA). Our NDT inspection personnel are highly qualified, skilled and experienced in applying a wide range of conventional and advanced inspection and testing methods.

## PRESSURE EQUIPMENT INSPECTION

Vertech have been carrying out intrusive and non-intrusive inspections on pressure equipment for offshore operators across Australia since its inception. All of our statutory pressure equipment inspectors are well trained in in-service inspection with either AICIP and/or API in-service inspection qualifications.

Our inspectors are well-versed in the industry codes and standards, as well as the controls required for safe access to pressure vessels and confined spaces.

## MARINE CLASS INSPECTION

Vertech specialise in the statutory inspections for the classification of ships & offshore floating structures using the latest technology, inspection tools and software solutions. Our expert team can also provide ongoing integrity management of Floating Production Storage & Offloading facilities (FPSOs), Floating Storage and Offloading vessels (FSOs), Floating Liquefied Natural Gas (FLNG), and Merchant Marine Assets.

## RDVI & ROBOTIC INSPECTION

Remote Digital Visual Inspection (RDVI) is the use and application of digital inspection systems to internally inspect equipment without the need for Confined Space Entry (CSE). Our RDVI & Robotics Division's client focus, commitment to innovation, and multi-disciplined site based crews help ensure cost and safety benefits on every project. Vertech was the first company in Australia to be recognised as an approved service supplier by Lloyd's Register for UAV inspections of classification vessels and structures.

## LIFTING INTEGRITY, TESTING & MANAGEMENT

Vertech holds the necessary certification and accreditations including, ISO 17020 and NATA Lifting & Lifted Equipment Inspection Accreditation.

Our highly experienced and multi-skilled people hold LEEA, NDT, and IRATA certification, with many individuals also holding API 2C & 2D crane inspection certification.

## OFFSHORE INSPECTION



## SPECIALIST MAINTENANCE

## ACCESS MANAGEMENT

Vertech was a pioneer of rope access in Australia, importing the first decking systems to the Asia Pacific region as well as designing & installing the first offshore safety netting & tension netting systems. Our highly experienced team has installed scaffolding and custom access platforms on offshore assets across the country. This pedigree and experience gives us the expertise to recognise and provide the right access system for each situation.

## RIGGING & LIFTING

Our team use their extensive industry experience to design, implement and review detailed rigging & lifting plans and Safe Work Method Statements (SWMS). Vertech has consistently delivered on some of the most complex rigging projects in the offshore sectors through all phases of an asset's lifecycle with an unparalleled safety record.

## MECHANICAL & PIPE FITTING

Underpinned by our range of access services, we provide multi-disciplinary mechanical teams, equipment and a range of specialist mechanical tooling to complete high mobility maintenance, upgrade, repair, or remediation services to our client's assets.

## HIGH-MOBILITY FABRIC MAINTENANCE

Our team are on hand to perform maintenance and repairs during ongoing drilling campaigns to ensure the structure's longevity. We provide a high mobility painting and blasting service using single coat marine coating systems, insulation repairs and a range of composite wrap services.

## ELECTRICAL & EEHA INSPECTION

We regularly provide end-to-end project solutions, including engineering design & technical support, product sourcing & procurement, installation & repair, and personnel contracting services. Our offshore customers frequently utilise our pool of multi-skilled electrical and EEHA personnel for hazardous area inspections, testing, compliance, installations, cable-pulling and general electrical maintenance.

## PROJECT & PROGRAM MANAGEMENT

We believe the key to effective project management is early stakeholder engagement, understanding our client's principal drivers, effective planning, staff selection and maintaining strong communication during the entire project or program life-cycle.

Using a suite of project management software systems, our highly experienced team work through all scope, quality, and cost boundaries before entering a detailed planning phase that implements everything needed to meet the customers' needs.



# SPECIALIST PACKAGES

## OFFSHORE PRODUCTION - SPECIALIST PACKAGES

Vertech Group's offshore specialist packages offer real value to our clients by combining our services, products and expertise into one complete solution.



### V-COMM (DECOMMISSIONING PACKAGE)

Vertech's V-COMM Decommissioning Package was formed to support the full decommissioning cycle. Providing a collection of specialist services, systems, processes, and products, Vertech's experts will work alongside each client to achieve environmental & safety excellence, reduce cost through efficiency, and exceed all regulatory requirements.



### V-FLARE (FLARE TIP REPLACEMENT PACKAGE)

A specialist package designed for the safe and efficient replacement, remediation, or repair of flare tips and associated structures. Includes planning, access management, helo integration and specialist maintenance services which have been refined over 10 offshore and a number of onshore flare projects.



### V-LIFT (LGI MANAGEMENT PACKAGE)

The V-LIFT Package is a collection of specialist services, systems and products which have been refined for over a decade to provide unparalleled support for cranes and lifting equipment. The V-LIFT Package was built first and foremost with efficiency, quality, and compliance to Australian legislation in mind then refined to maximise cost, time, and safety benefits for our customers.



### V-CLASS (CLASS INSPECTION PACKAGE)

A carefully curated package to service all of a client's class inspection needs. V-Class combines marine class planning, engineering, ROVs, UAVs, manned inspection and confined space entry management into a single end-to-end inspection package that will satisfy and exceed the standards of all class accreditation bodies.





# SONOMATIC OVERVIEW



Sonomatic is a worldwide organisation whose expertise in ultrasonic inspection design, development and application dates back more than 30 years to our roots in the nuclear sector. Today the company has widened its focus and provides proven yet pioneering services to customers in defence and power generation but our largest client base is in the challenging oil and gas industry, both upstream and downstream.

Sonomatic's capabilities for the development of software, systems and scanners, often for bespoke applications, coupled with the expertise of our engineers, means we are among the leaders within this highly specialised field.

Sonomatic pioneered industrial application of a range of inspection methods now widely used, e.g. Time of Flight Diffraction (TOFD), and continues with active development of innovative inspection and deployment methods that are applied by our own team of experienced field service engineers.

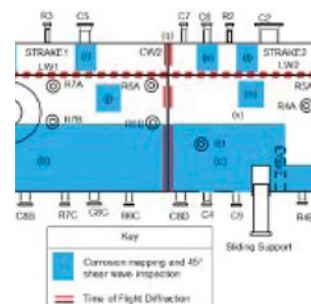
Sonomatic also provides Integrity Services, supporting our clients with planning and evaluation of inspections and using advanced statistical methods to maximise the value of data obtained. Integration of our integrity and inspection services for Non-Intrusive Inspection (NII) benefits the client by allowing vessels and equipment suitable for NII to be identified and reduces the need for costly plant shut downs to assess the internal condition.



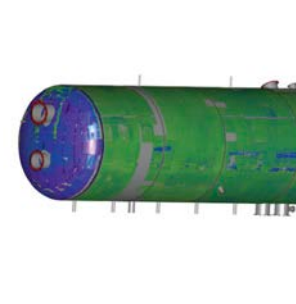
Advanced NDT Inspection



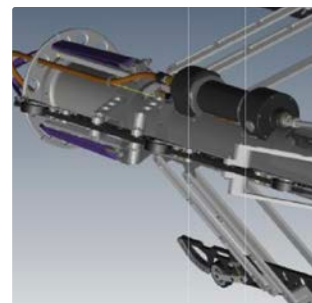
Subsea Inspection



Integrity Services



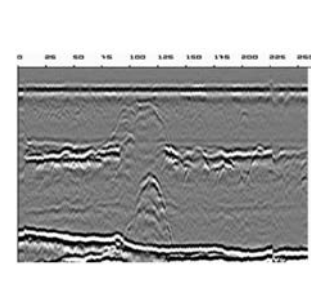
Non Intrusive Inspection



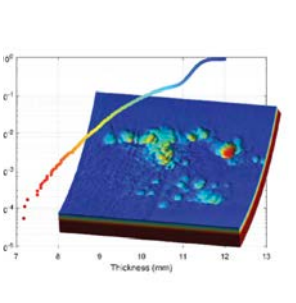
Research and Development



Robotics Inspection



Welding Engineering



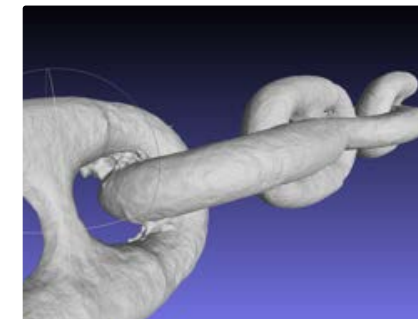
Data Science

# GEO OCEANS OVERVIEW



Geo Oceans develops innovative mini-ROV technology to provide clients with asset deployed ROV inspection services. The Mini-ROV Class Survey System (CSS) consists of advanced sensor, tooling and manipulator technology that has been developed by Geo Oceans to provide cost savings compared to traditional diver and work-class ROV methodologies.

Geo Oceans also work with Vertech to provide our clients with industry-leading and turnkey Class inspection services using Remote Access technologies. Sonomatic compliment this team by bringing Specialist Advanced NDT services which are deployed using the mini-ROV CSS.



3D Component Modelling Services



Advanced Subsea NDT Services



Asset Deployed Inspections



Light Tooling Services



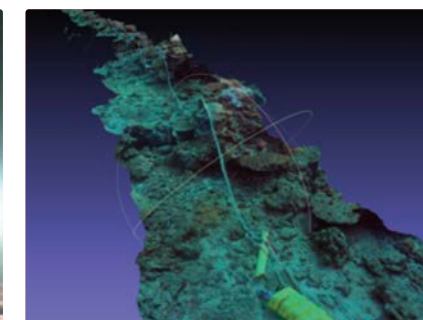
Unmanned (ROV) Hull Survey Package



Fixed Platform Mini-ROV Package



Unmanned (ROV) Class Tank Inspection & NDT Package



Unmanned Marine Science & Survey Package



Subsea Construction and Decom Support Services

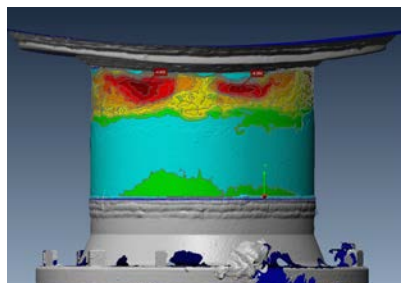


# VERTECH'S OTHER SERVICES

Vertech are a Specialist Access, Inspection and Maintenance provider. We pride ourselves on our client focus with an emphasis on supplying high value, innovative and quality services to achieve excellence in all the projects we execute. We apply world's best practice on the basis of extensive industry experience to excel in industries where safety, quality and reliability are of the highest importance. The core value we place above all others is our care for each other, our clients and the environment.



Project Delivery



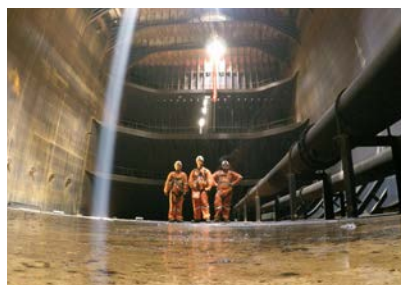
Integrity Management



Specialist Access



NDT Inspection Services



Marine Class Survey



Remote Digital Visual Inspection



Specialist Maintenance Packages



Irata Training



[vertech.com.au/downloads](http://vertech.com.au/downloads)

PEOPLE, SAFETY, QUALITY, INNOVATION

VERTECH CORE VALUES

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