

CAPABILITY STATEMENT

UPSTREAM DRILLING

THE PURPOSE

This document is composed to assist our clients and the supply chain to understand our group operating structure along with a high-level understanding of the benefits, services and specialist packages associated with our upstream drilling capabilities.



VERITECH
GROUP



GEO OCEANS



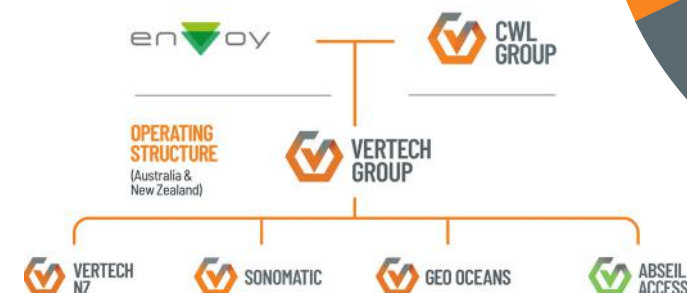
SONOMATIC



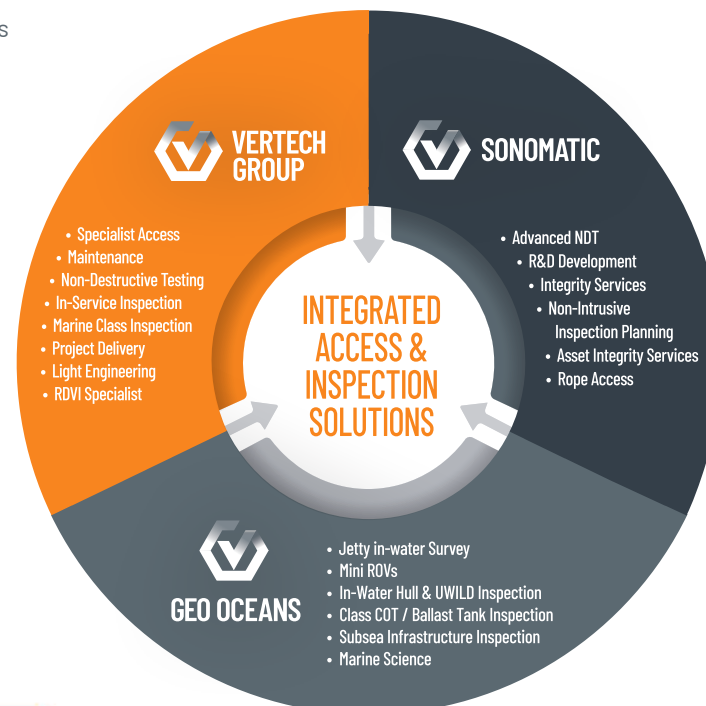
COMBINED SERVICES

The bringing together of the services and specialisations provided by Vertech, Geo Oceans and Sonomatic couldn't be more complimentary or interlink more seamlessly with a combined offering including Remote Digital Visual Inspection, alternative access, Mini ROV's, conventional and advanced NDT, integrity management and specialist maintenance packages all within one group.

OWNERSHIP STRUCTURE



OFFICE LOCATIONS



VERTECH UPSTREAM

Vertech has a wealth of experience in supporting the upstream drilling market, having serviced the majority of offshore drill rigs in the Asia Pacific region for over a decade. We completely understand the specific challenges and drivers faced, and as such have tailored our approach to ensure minimal impact to drilling operations while providing a safe, high-performing and cost-effective service that is compliant with the statutory requirements.

A drilling campaign and its contractors require speed, efficiency and high-quality. Vertech prides itself on its ability to meet these needs by utilising; a workforce strategically located across the globe, an experienced project management team and innovative technology. These elements combined, guarantee our clients achieve a best-in-class outcome.

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

• Lloyds Register Remote Inspection Techniques (UAV)

• Lloyds Register Remote Inspection Techniques (ROV)

• LR Thickness Measurements of Hull Structure

• NATA Lifting and Lifted Inspection

• NATA Pressure Vessel Inspection

• NATA NDT Inspection

WE PRIDE OURSELVES ON OUR



UPSTREAM DRILLING SERVICES

LIFTING INTEGRITY, TESTING & MANAGEMENT

Our multi-disciplined teams can provide inspections, repairs and maintenance services to offshore lifting equipment across the Asia Pacific drilling fleet. Inspections are conducted to API RP 2D, manufacturer recommendations and/or class requirements ensuring crane structures, hoisting & lifting equipment inspection and ancillaries are safe, reliable and compliant to statutory requirements.

We can also work with clients to implement a framework of processes to effectively manage the administrative burden & gaps usually encountered in effective lifting gear management.

CLASS & SPECIAL SURVEY

Vertech's Marine Department comprises of a dedicated team of office and site-based professionals who specialise in the statutory inspections for the classification of mobile offshore drilling units (MODU). We can provide a best-in-class delivery of Special Periodic Surveys (SPS) or Hull Preservation Surveys (HPS).

PRESSURE PIPEWORK

Vertech provides a comprehensive in-service inspection of drilling asset pressure systems. We actively reduce both risk and cost to keep people safe, meet statutory & legislative requirements and ensure un-interrupted drilling operations.

NON-DESTRUCTIVE TESTING

Non-Destructive Testing (NDT) involves detecting and assessing flaws in materials without causing damage. Vertech has a wealth of NDT experience in the drilling market and can provide recommendations & solutions to ensure compliance to international standards.

DROPS PROGRAMMES

Dropped Objects Prevention Schemes (DROPS) assist clients to identify dropped object risks; conduct corrective actions such as reliable securing, removing or remediating the potential risk; and provide detailed risk or zone based categorisations for future inspections.

INSPECTION



MAINTENANCE

MECHANICAL & FITTING

Underpinned by our range of access services, we provide multi-disciplinary mechanical teams to complete high mobility maintenance, upgrade, repair, or remediation services to our drilling customers.

PAINTING & BLASTING

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

DERRICK SURVEYS

Our Derrick surveys are completed to Category I to Category IV requirements in accordance with API RP 4G. Our multi-disciplined teams take a "find & fix" approach while conducting these surveys to reduce risk to the drill crew and minimise future corrective actions within our reports.

HAZARDOUS AREA INSPECTION

We can provide end-to-end project solutions including engineering design & technical support, product sourcing & procurement, installation & repair, and personnel contracting services. Our upstream drilling customers usually draw upon services including Ex hazardous area inspections, testing, compliance, installations and general electrical maintenance.

ACCESS MANAGEMENT

Vertech was a pioneer of rope access in Australia. We imported the first decking systems to the Asia Pacific region and designed & installed the first offshore safety netting & tension netting systems in Australia. Our highly experienced team has installed scaffolding and custom access platforms on oil & gas sites across the country.

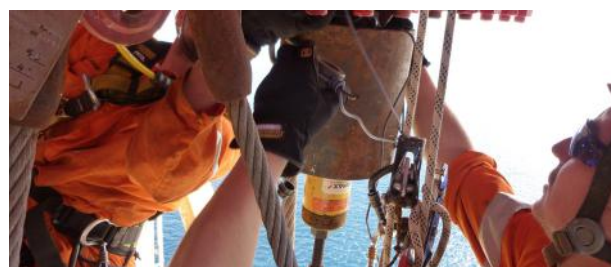
WELDING & BOILER MAKING

The Vertech team utilise the latest in welding and boiler making techniques to repair & maintain our client's boilers, pressure vessels and other storage assets.

SPECIALIST PACKAGES

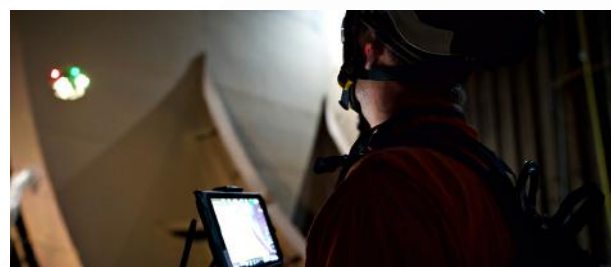
UPSTREAM DRILLING - SPECIALIST PACKAGES

Vertech is proud to offer top services when it comes to upstream drilling, in addition to providing the very best people across Australia, New Zealand and the USA.



V-DROPS (DROPPED OBJECTS PACKAGE)

A detailed and comprehensive dropped object inspection, management and prevention package including identification, recommendations and reliable securing and ongoing management. Effective DROPS management is critical to ensuring the safety of the drill crew and facility.



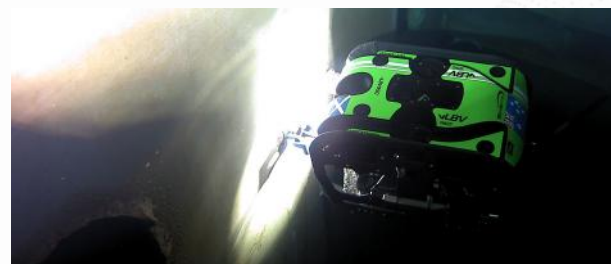
EYE-FLY (ACCREDITED UAV PACKAGE)

As the first company in the Asia Pacific to achieve both the ABS & LR accreditation for unmanned aerial Vehicle (UAV) inspections we are able to offer a comprehensive array of visual inspections be it on a crane, Derrick structure or jack up leg inspection to remove working at height, conduct period inspections of potential DROPS or as part of a full Class Survey or part of a Special Periodic Survey.



V-LIM (LGI MANAGEMENT PACKAGE)

Vertech provides a world leading lifting equipment and drill handling tool inspection and management package. We combine high quality, multi-disciplined inspectors, a custom-built inspection and integrity management system (Viiper), the latest inspection and access systems with an experienced and customer focused projects team to ensure our drilling customers have a responsive end to end service to save cost, increase efficiency and drive safety excellence.



MODUWILD - SPECIAL SURVEY PACKAGE

Our multi-disciplined and high mobility IRATA Accredited inspectors are some of the most experienced in the Asia Pacific at conducting inspections of marine structures as part of class and special survey requirements. Our package includes accreditation for NATA for NDT, ABS, DNV, Lloyds register for class as ABS and LR for Unmanned Aerial Vehicle (UAV) and Remotely Operated Vehicles (ROV).



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.

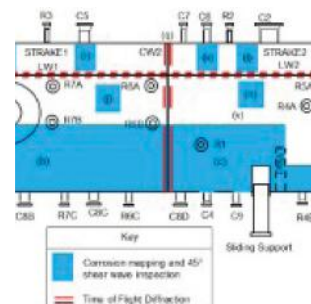
Sonomatic also provides Integrity Services, supporting our clients with planning and evaluation of inspections and using advanced statistical methods to maximise the value of data obtained. Integration of our integrity and inspection services for Non-Intrusive Inspection (NII) benefits the client by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



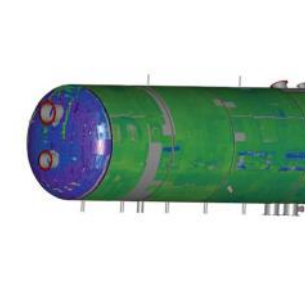
Advanced NDT Inspection



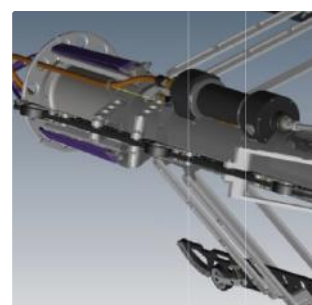
Subsea Inspection



Integrity Services



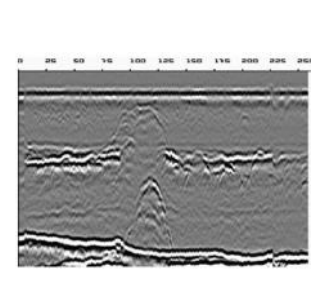
Non Intrusive Inspection



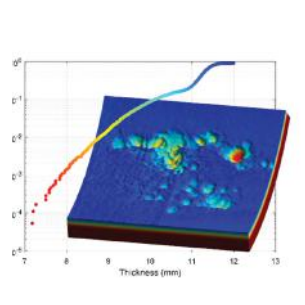
Research and Development



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



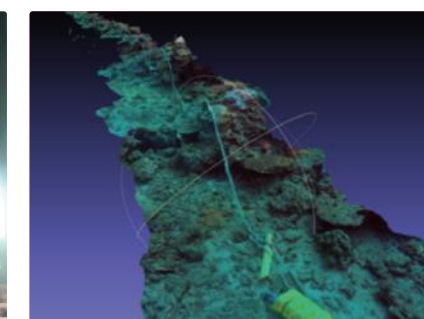
Unmanned (ROV) Hull Survey Package



Fixed Platform Mini-ROV Package



Unmanned (ROV) Class Tank Inspection & NDT Package



Unmanned Marine Science & Survey Package



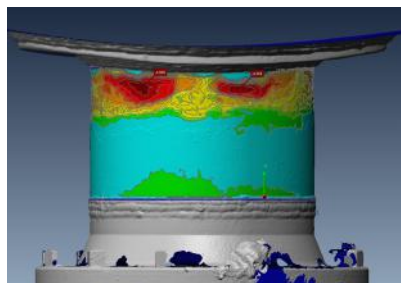
Subsea Construction and Decom Support Services

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



verttech.com.au/downloads

CONTACTS

VERTECH

Bruce McKenzie (AU)

Offshore Department Manager
T: +61(8) 6168 7600
E: Bruce.McKenzie@verttechgroup.com.au

Don Rheeders (AU)

Project Manager
T: +61(8) 6168 7600
E: Donovan.Rheeders@verttechgroup.com.au

Anthony McCorkill (AU)

Project Coordinator
T: +61(8) 6168 7600
E: Anthony.McCorkill@verttechgroup.com.au

Geordie McPherson (NZ)

Project Manager - Vertech New Zealand
T: +64 6751 0910
E: Geordie.McPherson@verttechgroup.co.nz

Andy McKenzie (NZ)

Operation Director - Vertech New Zealand
T: +64 6751 0910
E: Andy.McKenzie@verttechgroup.co.nz

Sergio Ochoa (USA)

Vice President - Vertech USA
T: +1 281 769 2395 ext. 102
E: Sergio.Ochoa@Vertechusa.com

SONOMATIC

Alessandro Cesan

General Manager - Australia
T: +61(0) 498 442 666
E: Alex.Cesan@sonomatic.com

Judd McCann

East Australia Manager
T: +61(0) 488 442 019
E: Judd.McCann@sonomatic.com

Tyron Kimble

Engineering Services - Australia
T: +61(0) 427 277 603
E: Tyron.Kimble@sonomatic.com

Zach McCann

South East Asia Regional Manager
T: +61(0) 404 797 670
E: Zach.McCann@sonomatic.com

GEO OCEANS

Ben Brayford

Geo Oceans
T: +61(8) 6168 7600
E: Ben.Brayford@geooceans.com

Nick Veitch

Geo Oceans
T: +61(8) 6168 7611
E: Nick.Veitch@geooceans.com

PEOPLE, SAFETY, QUALITY, INNOVATION

VERTECH CORE VALUES