

CAPABILITY STATEMENT

CAISSON AND SPLASHZONE INSPECTION

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 Caisson and Splashzone Inspections.



SONOMATIC

WHO WE ARE



Sonomatic is part of a group of companies, an international consortium that delivers a comprehensive range of asset integrity, inspection, maintenance and specialist access services across a wide range of industries and sectors.



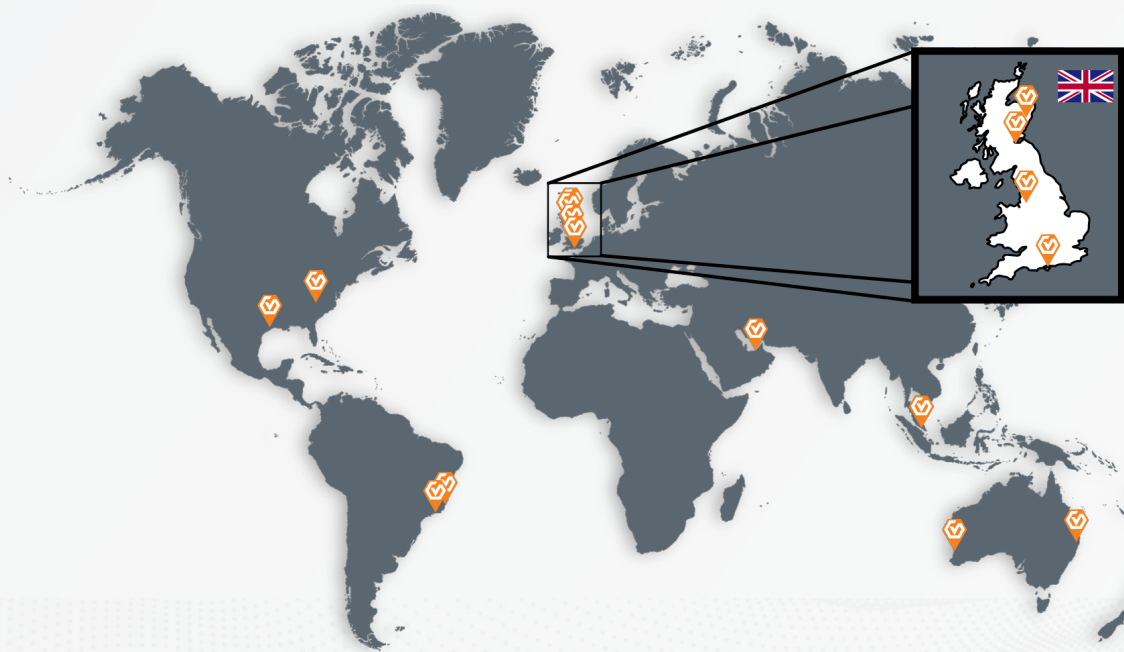
FTI-INTL



Sonomatic specialise in the design, development and application of Non-Destructive Testing (NDT) inspections. Since the company's formation in the 1980s, we have combined these NDT processes with integrity engineering capabilities to provide fully integrated inspection packages that directly meet the needs of the client.

Bringing innovative bespoke inspection solutions to the market through in-house development of equipment, software and robotics, Sonomatic resides as the global leader for ROV-deployed subsea inspection and Non-Intrusive Inspection (NII) technologies.

Our team is committed to providing accurate, proactive inspection and engineering solutions that enable clients to manage the integrity of newly constructed assets and make informed decisions crucial to the safe continued operation of maturing ones.



WHAT WE DO

Sonomatic provide integrity engineering and NDT services at every stage of a project's life cycle. NDT subject matter experts assess each scope of work individually to ensure that the inspection solution(s) will meet the desired deliverables. If a unique solution is required, our R&D department can design and manufacture inspection technologies and scanners that will exactly meet our client goals. Our integrity service offerings provide industry leading inspection and engineering evaluations of the inspection data to enable recommendations for repeatable inspection programmes.

SUBSEA/ SPLASHZONE



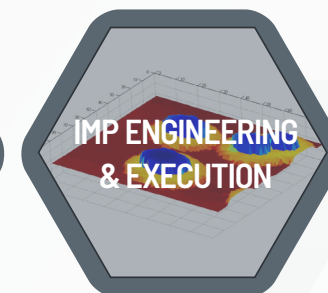
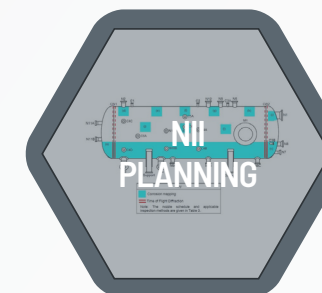
ONSHORE/ TOPSIDE



RESEARCH & DEVELOPMENT



INTEGRITY SERVICES



THE SPLASH ZONE

SPLASH ZONE & CAISSON INTEGRITY SOLUTIONS

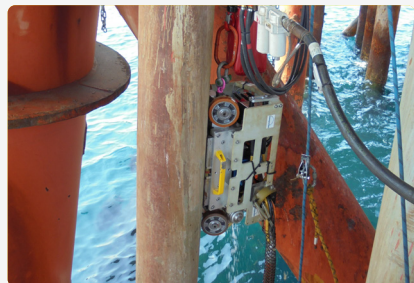
The splash zone is the area of a structure intermittently exposed to seawater due to wave and tidal action, presenting elevated risks of corrosion, marine growth and fatigue that can impact the integrity and performance of caissons, conductors, risers and associated components. Caissons are critical to offshore assets, and their condition directly influences ongoing operational integrity.

Sonomatic provides complete topside and subsea inspection solutions, supported by bespoke tooling developed to meet project-specific requirements, across the splash zone and internal and external caisson surfaces. Capabilities include high-pressure cleaning, screening, CVI/GVI, ACFM, ultrasonic inspection (including phased array and corrosion mapping), MEC™ for corrosion detection through coatings, internal cleaning, eddy current inspection, scanning and detailed reporting.

Subsea caisson inspection can also be performed using the Subsea Stingray Inspection Tool—an ROV-deployed robotic crawler equipped with PAUT, DLA and DMA probes designed to inspect at subsea guides and detect guide wear and fretting corrosion. This integrated approach delivers a clear understanding of condition, supports informed integrity decisions and helps extend the safe operating life of offshore assets.

KEY OFFERINGS

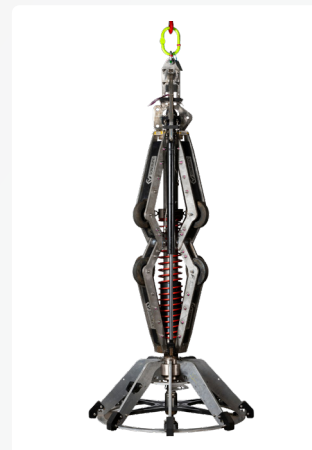
MEC™ MPS 200+



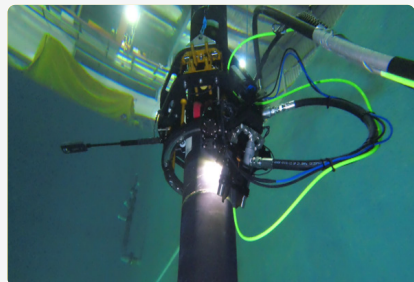
ROTO PILER



ICT



ROTO CLIMBER® ASSESSOR MINI



MK2 ROTO CLIMBER®



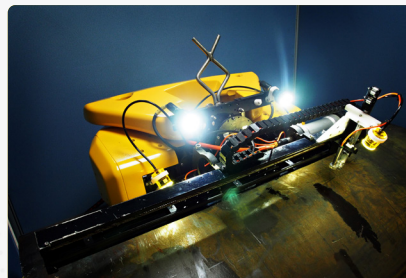
SPIRO



STINGRAY



MAG-ROVER

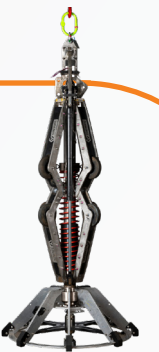


CAISSON INSPECTION

CAISSON INSPECTION PROCESS FLOW

1 CLEANING

Phase one of the inspection program involves cleaning the caisson's internal surface with a diesel-driven twin jetting unit and BJV spinning nozzles, removing corrosion and marine growth to ensure accurate ultrasonic inspection.



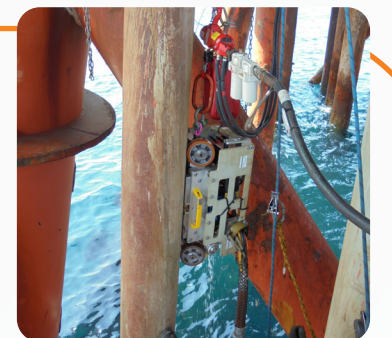
2 INTERNAL INSPECTION

Sonomatic provides Specialised Ultrasonic and Eddy Current solutions to the requirements of Internal Caisson inspection using our Internal Inspection Caisson Tool.



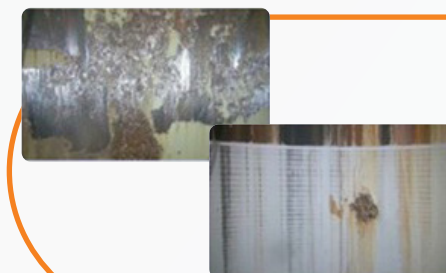
3 EXTERNAL INSPECTION

Sonomatic provides external caisson inspection solutions deployed via rope access or ROV depending on the inspection zone. Purpose-designed external scanning tools are utilised to perform ultrasonic and electromagnetic inspection through coatings. For subsea guide regions, the Subsea Stingray Inspection Tool enables inspection at the guides to assess condition and identify wear or fretting corrosion.



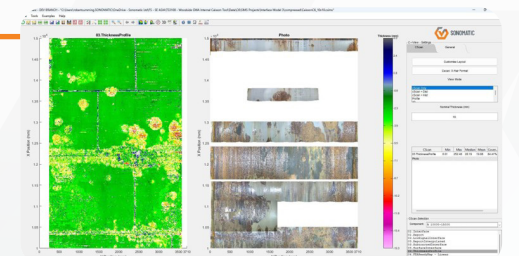
4 REPORTING - VISUAL

Using high-definition video camera systems, Sonomatic employs a sensible approach to the Categorisation of visual indication during a GVI and any subsequent CVI survey.



5 DATA ANALYSIS

Sonomatic integrity team will maximize value from data collected by extracting as much information as possible.



GROUP PARTNERS

GEO OCEANS

Geo Oceans is a specialist provider of small ROV inspection services and has developed asset-deployed ROV technology that enables efficient, reliable and cost-effective subsea inspection without the need for large vessels, commercial diving or work-class ROV systems. This capability is particularly suited to caisson inspection, where access, mobilisation footprint and environmental conditions can limit traditional approaches.

Working in collaboration with sister company Sonomatic, Geo Oceans integrates advanced NDT inspection methods into compact ROV systems to support internal and external caisson inspection scopes. This includes visual inspection (GVI/CVI), cathodic protection assessment, anode condition checks, and deployment of bespoke NDT tooling developed through Sonomatic's inspection engineering expertise. Together, the Geo Oceans and Sonomatic teams deliver a combined solution that provides safe access, efficient mobilisation and high-quality inspection data to support caisson integrity management.



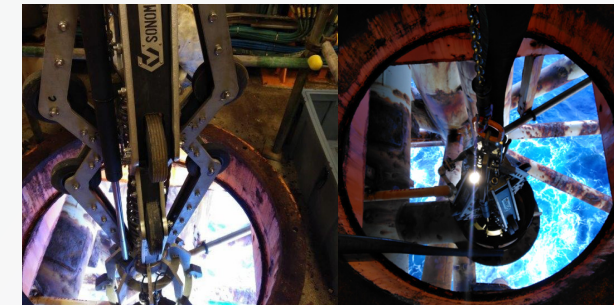
ROTOTECH

RotoTech is an innovative sister company specialising in the robotic Inspection, Repair and Maintenance (IRM) of risers, conductors and caissons in the splash zone. We work alongside Sonomatic, helping to enhance their advanced toolbox of solutions, providing customers with safer, more cost-effective, and environmentally sustainable alternatives to traditional methods.

Our flagship technology, the Roto Climber® Assessor Mini, is the lightest robotic solution available for IRM in the market. It offers a simple, vessel-free approach that requires minimal platform power and deck space, making it an ideal solution for offshore operators. The Roto Climber® Assessor Mini is designed to ascertain the presence of defects in risers, conductors or caissons efficiently and cost-effectively. If no defects are detected, the asset can be scheduled for future inspection. However, if issues are identified, RotoTech's Roto Climber® Mk 2 can be deployed, equipped with advanced cleaning, inspection techniques, and a specialist wrapping system for strengthening in cases of severe corrosion.

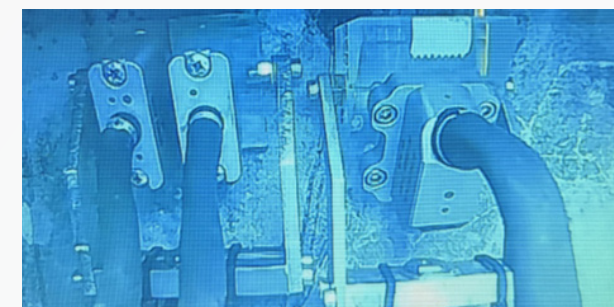


CASE STUDIES



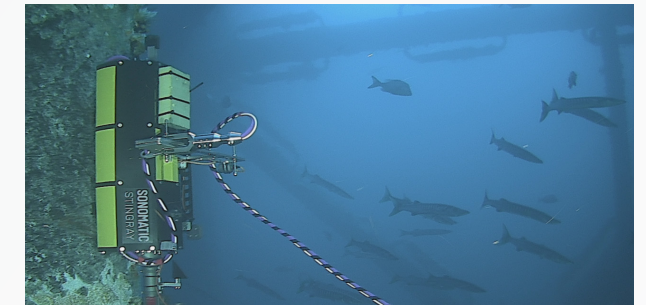
CAISSON INTERNAL CLEANING AND INSPECTION

Sonomatic completed an internal caisson cleaning and inspection campaign using our purpose-built Caisson Internal Cleaning Tool, designed and operated in-house. The system enabled controlled cleaning and ultrasonic thickness measurement to be carried out by the same offshore team under one work scope, reducing interfaces and simplifying execution. Its modular configuration allowed navigation around internal features, while integrated filtration and buffering systems supported efficient operation. The campaign delivered a clean internal surface and high-quality inspection data to support ongoing integrity planning.



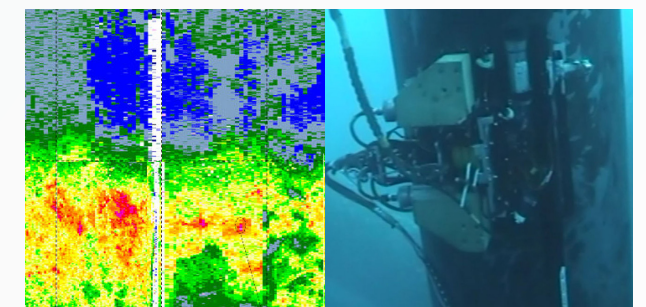
SUBSEA CAISSON GUIDE INSPECTION

Sonomatic deployed the Subsea Stingray Inspection Tool to inspect caisson guide locations on an offshore asset—an area historically difficult to access and assess. The ROV-deployed crawler uses advanced ultrasonic inspection to detect and quantify guide wear and fretting corrosion. This approach is believed to be a world first in delivering reliable, high-resolution inspection data at subsea caisson guides without diver intervention, enabling informed integrity decisions and supporting ongoing asset life management.



PLATFORM SUBSTRUCTURES MISIP INSPECTION

Geo Oceans and Sonomatic jointly delivered a Substructures MISIP inspection campaign for an offshore platform in Western Australia. The scope included GVI and CVI of jacket members, caissons and risers, marine growth assessment, anode condition checks and targeted CP measurements. Geo Oceans' small ROV systems enabled efficient, diverless access while Sonomatic provided specialist inspection methods and tooling for critical areas, including caisson guide supports. The project was completed safely and on schedule, providing high-quality integrity data to support ongoing asset management.



AUTOMATED CAISSON CORROSION MAPPING

A client required detailed condition assessment on caissons affected by in-service degradation. To avoid diver-based inspection, Sonomatic deployed the MAG-Rover, an ROV-operated corrosion mapping tool that captures full circumferential data while eliminating diver risk. The inspection provided accurate wall-thinning measurements and digital records to support integrity decisions and enable reliable corrosion growth monitoring for future campaigns.

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