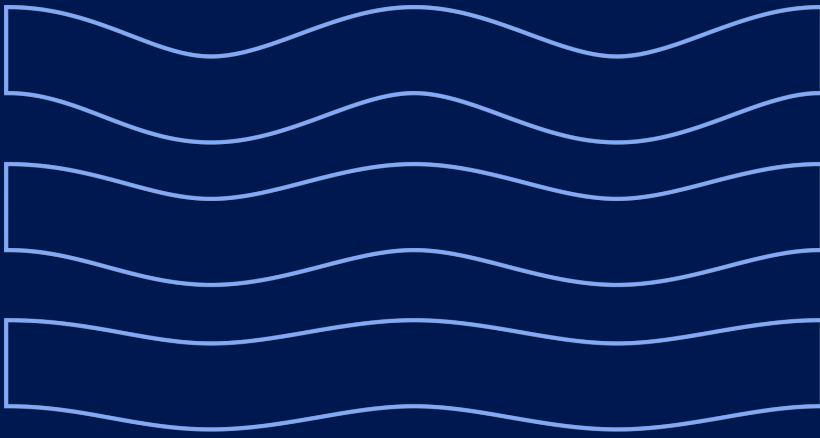




UNDERWATER SOLUTIONS

Inspection Maintenance & Repair





Our mission

SAFETY, QUICKNESS, QUALITY, AND RESPECT FOR THE ENVIRONMENT in providing professional diving services, prioritizing safety and respecting the environment, providing customers, collaborators, and partners satisfaction.



UNDERWATER SOLUTIONS

Inspection Maintenance & Repair

Experienced in underwater maintenance and repairs, with expertise in research, consultancy, planning, and project execution. AQUASUB provides to the market an efficient and effective solutions, based on the following premises: Safety, Quickness, Quality, and respect for the Environment.

Ratified by the major classifying societies, such as Lloyd's Register, Korean Register, American Bureau of Shipping, Det Norske Veritas, and Bureau Veritas, AQUASUB always ensures the quality, safety, and integrity of operations, through strengthening relations and effective communication between stakeholders, to achieve the best results in their operations. AQUASUB is also included in the rigorous Registration Certificate for PETROBRAS suppliers (CRC).

Committed to quality and always aiming for improvement, AQUASUB has been setting partnerships with highly qualified companies to jointly add knowledge, innovation, and efforts, therefore, accomplish its mission.





UNDERWATER SOLUTIONS

Installation Maintenance & Repair

- Installation of unwelded cofferdam for internal hull repairs (magnetic fixing)
- Removal with reinstallation or replacement of thrusters
- Replacement of sealing seals with or without vulcanization
- Underwater welding services
- Polishing of propellers
- Plugging in general (holes, cracks, side valves, sea chests and others)



SUCCESS
Case





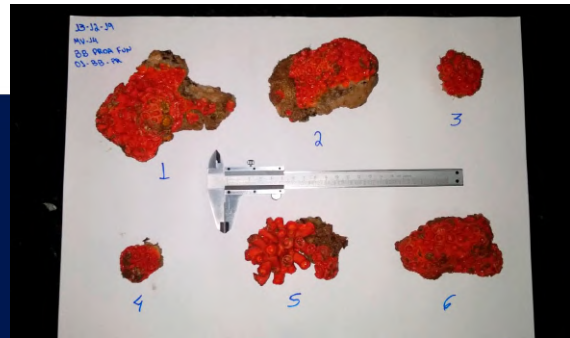
UNDERWATER SOLUTIONS

Survey & Biofouling Removal WITH DIVER AND/OR ROV

- Quantitative and qualitative analysis (mobile lab)
- Drawing up the waste removal and final disposal plan (with traceability)
- Monitoring the process with credentialed biologists by IBAMA and INEA (Brazilian Environmental Authorities)
- Issuance of ART, CTF and "Attestation of hull free from sun coral"



SUCCESS
Case



Exotic biofouling, removed with hand tools



Technical laboratory analysis of exotic biofoulings



Selective collection of biofoulings for correct final disposal



UNDERWATER SOLUTIONS

Hull Cleaning & Propeller Polishing

AQUASUB has an experienced and trained team in cleaning propellers, hulls, and hull accessories, through the removal of hard and soft incrustations, with the aid of manual and/or hydraulic tools. The cleaning level is defined by the customer and can even reach the polishing standard.



SUCCESS
Case



Hull cleaning with hydraulic brushes



Underwater propeller polishing



Rupert standard "A" scale polish



UNDERWATER SOLUTIONS

Underwater Visual Inspection

AQUASUB can perform underwater visual inspections, with a team of cutting-edge divers and advanced technology - ROV (Remote Operated Vehicle). All modalities have audio and video recording features, in addition to an innovative remote transmission system for the surveyor and crew in order to monitor in real-time, eliminating contact with the diving team, complying with COVID-19 safety protocols.

- Underwater Inspection in Lieu of Dry-Docking (UWILD);
- In-Water-Survey (IWS);
- Underwater inspection for the shipowner.
- Inspection for identification and qualification of exotic and non-exotic biofoulings.



SUCCESS
Case



ROV for underwater
visual inspections



Remote ROV operator system for
underwater visual inspection



Captured image by ROV, for analysis
of the condition of the propeller



UNDERWATER SOLUTIONS

Inspections & Non-Destructive Tests

AQUASUB is aligned with the most advanced procedures in underwater non-destructive testing (NDT) and has modern and calibrated equipment, within the most rigorous standards. In addition, it is continually investing in retraining its technicians, keeping them motivated and updated.



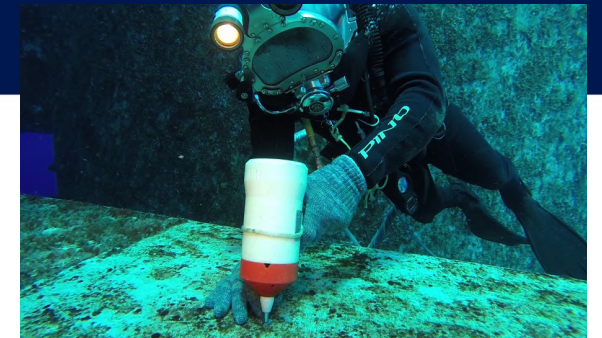
SUCCESS
Case



Ultrasound Thickness Measurement



Magnetic Particle Testing



Electrochemical Potential
Measurement



UNDERWATER SOLUTIONS

Safety, Environment & Health

AQUASUB has extensive experience in locating and preparing rescue plans for sunken ships or equipment, always focusing on its premises:

- Oil spill control
- Mitigation of environmental impacts
- Safeguarding the assets





UNDERWATER SOLUTIONS

Consulting & Environmental Projects

With a multidisciplinary team, which includes experienced professional divers, biologists, engineers and occupational safety professionals, AQUASUB can carry out work in the naval and environmental areas, in the onshore and offshore markets, in addition to hydrographic support and underwater work in general.

- Environmental Advice with Technical Responsibility
- Quality management
- Waste management
- Environmental monitoring
- Corporate sustainability
- Environmental licensing

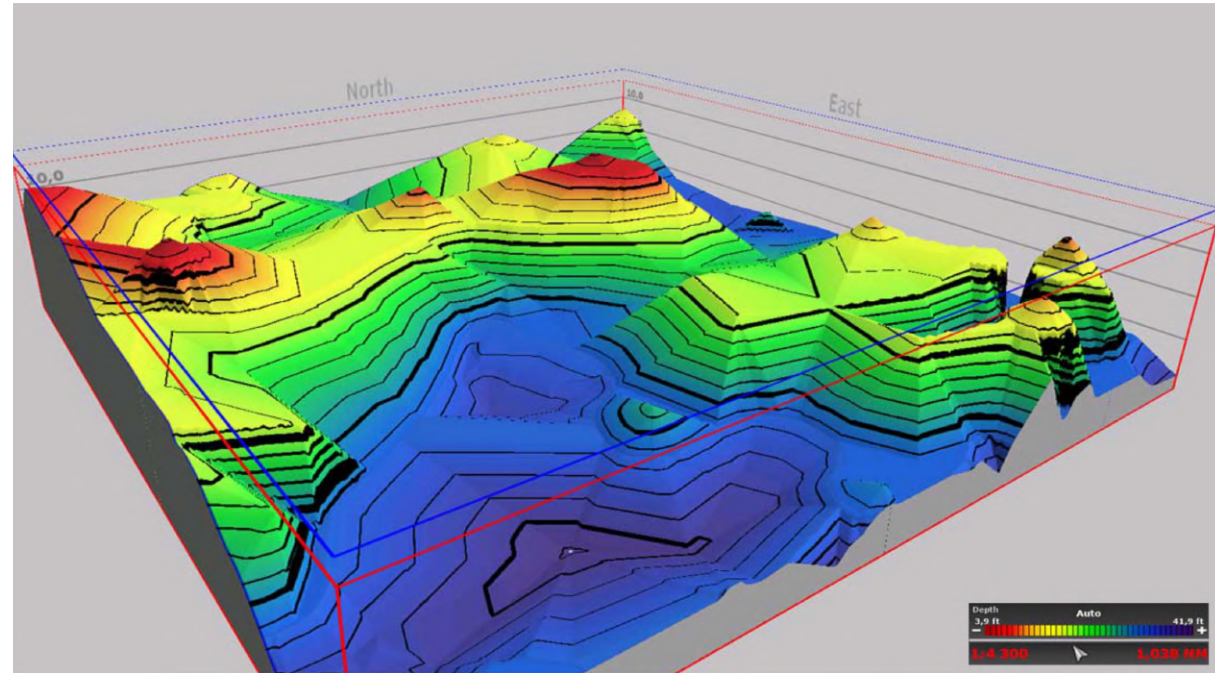




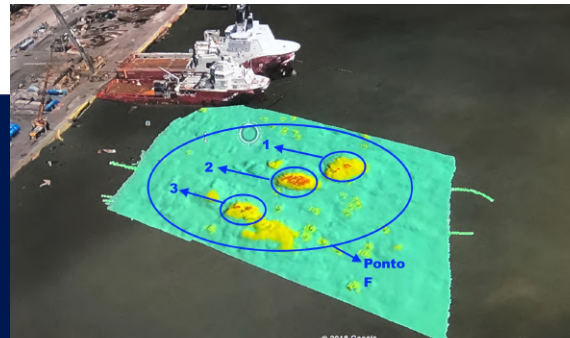
UNDERWATER SOLUTIONS

Support for Scientific Research

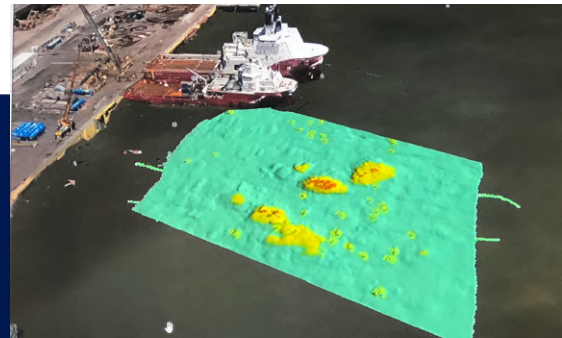
- Seabed bathymetry.
- Lifting and dredging by the Air Lift method;
- Rock demolition, with low environmental impact;
- Feasibility study for the installation of pipelines and/or cables on the seabed.



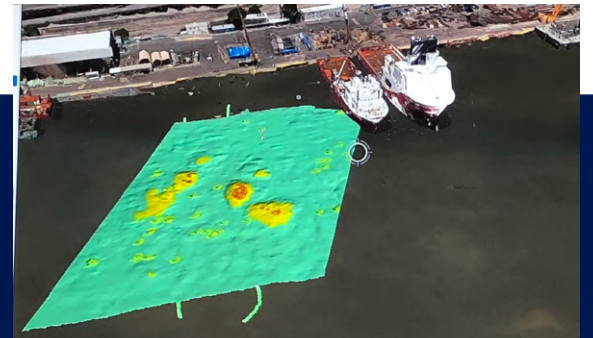
SUCCESS
Case



Seabed bathymetry in the Port of Santos



Seabed bathymetry in the Port of Santos



Seabed bathymetry in the Port of Santos



UNDERWATER SOLUTIONS

AQUASUB Staff

For AQUASUB, there is no greater and more valuable asset than its employees! The staff is guided by a strict internal code of conduct based on discipline and respect, as well as an ethical relationship with its customers and suppliers.

PROFESSIONAL
Diving
Team





UNDERWATER SOLUTIONS

AQUASUB Specialist



Marcius Mendonça

COMMERCIAL DIRECTOR

With over 30 years of experience in the field of commercial diving, starting in 1985, Marcius started as a professional diver, rose from supervisor to superintendent of diving operations. Overall these years, he has participated in several important projects of thruster exchanges, salvage, and propeller repair projects, such as blades balancing, bent blade cutting, blade crack drill stop, damaged blade removal, etc. He has participated in port slab removal projects for the draft increase and various offshore services among other underwater operations.



Vinícius Rigon

OPERATIONAL DIRECTOR

With over 16 years of experience in professional diving, extensive and exemplary experience as a visual inspector and diving supervisor. Vinícius planned, coordinated, and executed several underwater operations, such as Salvage, thruster exchanges, class surveys, underwater welding and cutting, various repairs, among others. Welder qualified by BV, qualified in non-destructive tests (ultrasound, electrochemical potential, and visual inspection), and also qualified as EMED (Underwater Medical Emergencies).



Humberto Montezuma

PROJECT MANAGER

Building on 19 years of experience in the industrial area and 11 years in the naval area, Industrial Engineer Montezuma is also a Subsea Engineer, post-graduated in Naval and Offshore Engineering, and post-graduate student in Work Safety Engineering. His expertise stands out in the areas of planning and executing underwater maintenance activities or in workshops, whether in dry-docking or maintenance scheduled for thrusters exchange (with or without overhaul) on drillships or semi-submersible drilling rigs, as well as training and quality certifications.

+55 (21) 2617-4332
+55 (21) 99923-9582

aquasubdive.com.br
contato@aquasubdive.com.br

Velha de Maricá Road, 1195
Unit 12A, Square 07, Inoã
Maricá/RJ - Brasil, CEP: 24942-380