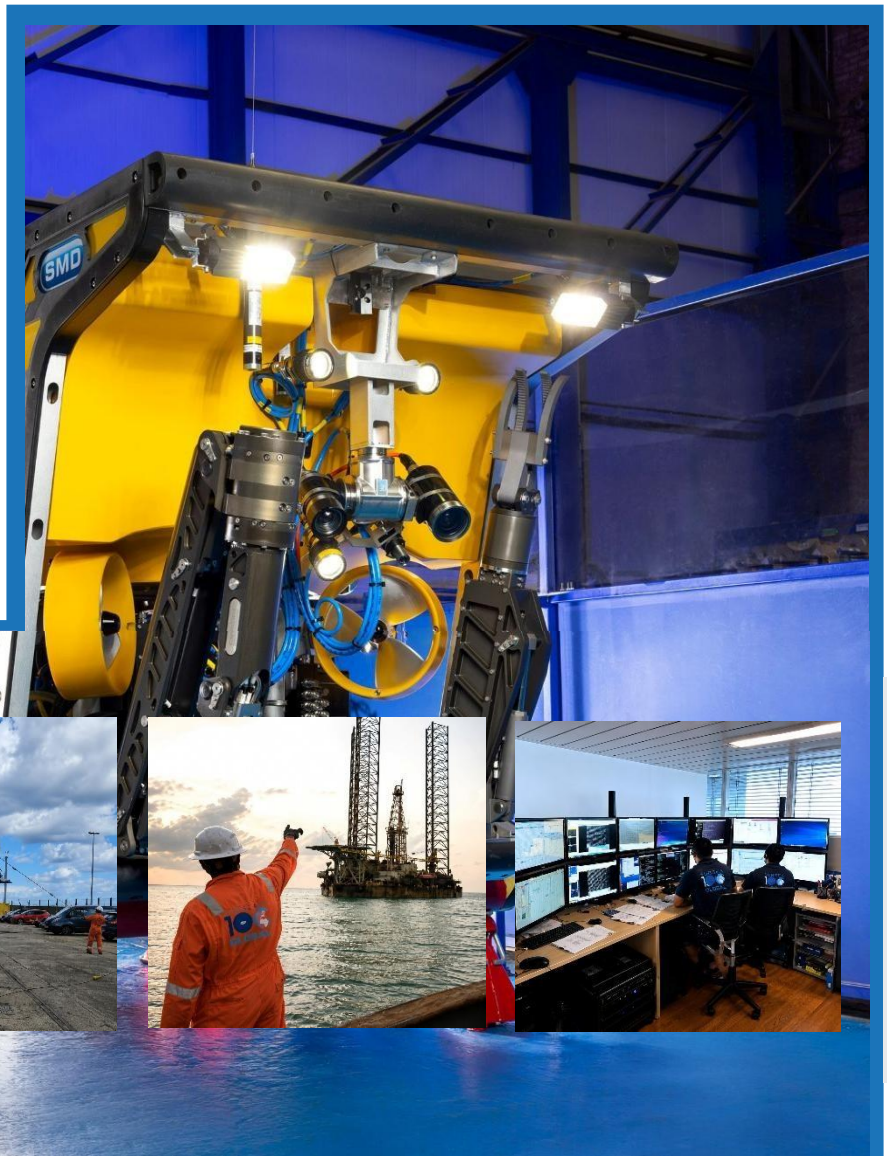


COMPANY PROFILE



SUBSEA100 GLOBAL LIMITED



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✉ Email : info@subsea100.com

🌐 Website : www.subsea100.com



WELCOME TO **OUR COMPANY**

Subsea100 Global Limited is a Survey and Construction Support Company incorporated in January 2012, registered as an indigenous company in Nigeria with a global presence in Houston Texas, USA to provide services to the Oil & Gas Sector.

Our head office is situated in Port Harcourt, Nigeria.

We have benefited from the high level of experience of our executive management team and network which has earned us a vast record of accomplishment that exhibit professional experience in a variety of subdivisions.

We have an impressive pool of well-seasoned Engineers, Surveyors, ROV techs/Pilots, AUV operators/Tech, GIS Analyst, Data Management, and QA/QC etc. Our services are provided with functionality and safety as key factors. We consistently achieve this by utilizing top of the class equipment. These services are, but not limited to Data Acquisition and Interpretation of Seabed Features such as mapping with: Geophysical Engineering Survey, Seismic (Nodes & Streamers), Aerial experienced Drone Pilots, Positioning Engineering of Shallow and Deep-Water Installations, Remote Monitoring Systems for Rig Construction, Survey Support and Monitoring during Topsides and Subsea Moves, Tow-out of Structures, and Prefabricated Pipeline Bundles; the installation of platforms and jackets; the placement of Subsea infrastructure; and the trenching of pipelines, etc.



COMPANY **ABOUT US**

Our Goal is to prioritize and commit to quality, health, safety and environmental high standards while maintaining impeccable integrity and saving time and money to the satisfaction of our clients. We work closely with our clients to establish the parameters and objectives of their projects, also contributing vast international experience of Inspection, Repairs & Maintenance, and decommissioning projects.

Our Aim is to provide a wholly integrated set of disciplines capable of performing the most challenging of remote inspection and intervention techniques with precise positioning, latest inspection technology and modelling services. Our construction support services are designed to address marine installation, construction, and maintenance activities across the entire field.

COMPLIANCE AND ETHICS PROGRAM

At SUBSEA100, we are committed to conducting all Offshore and Onshore operations with integrity, transparency, and accountability. Our Compliance and Ethics Program defines the principles, standards, and procedures that ensure we operate safely, responsibly, and in full compliance with applicable laws, regulations, client requirements and industry best practices

ETHICAL PRINCIPLES

We foster a culture of professionalism, inclusion, and ethical conduct across all levels of our organization:

- **Integrity:** We conduct business honestly and fairly, with zero tolerance for bribery, corruption, or unethical behavior.
- **Respect:** We promote equal opportunity, inclusion, and mutual respect for employees, clients, and partners.
- **Confidentiality:** We protect client information, project data, and proprietary technology in compliance with the Nigerian Data Protection Regulation (NDPR) and international data privacy standards.

LEGAL AND REGULATORY COMPLIANCE

SUBSEA100 adheres to all relevant Nigerian and international offshore, maritime, and environmental regulations, including:

- **Regulatory Requirements:** Compliance with NUPRC, NMDPRA, NCDMB, NIMASA, and other statutory authorities.
- **Anti-Corruption Frameworks:** Alignment with the EFCC Act, ICPC Act, UK Bribery Act, and U.S. FCPA.
- **Health, Safety, and Environment (HSE):** Certified to ISO 9001 and ISO 45001, we uphold a Safety First culture, enforce Stop Work Authority, and apply Behavior-Based Safety, Permit to Work, and Hazard Identification systems to achieve Zero Harm, Zero LTI, TRC and fatalities. Our operations comply with IMCA standards and emphasize Operational Integrity at every stage.
- **Environmental Stewardship:** We prevent marine pollution and manage waste responsibly in accordance with MARPOL and other environmental protocols.

We integrate these requirements into every aspect of our operations, from project planning to field execution, ensuring safe, responsible, and sustainable outcomes.

GOVERNMENT AND CONTINUOUS IMPROVEMENT

Our Compliance Officer leads the implementation of this program, supported by regular training, internal audits, and performance reviews. We continuously evaluate and enhance our compliance framework to reflect evolving legal obligations, client requirements, and industry innovations.

Our Commitment:

At Subsea100, compliance and ethics are not just policies, they are core values that shape our decisions, define our culture, and guide our work beneath the surface and beyond. We are dedicated to maintaining the highest professional, environmental, and moral standards in everything.

01. OUR CUSTOMERS

Our customer's satisfaction is our number one priority, and all efforts will be made to ensure customer needs are met and exceeded each time, by listening and using customers input to improve quality while in compliance to regulations and standards. Services will be provided timely and at very cost friendly terms competitive with industry standards.

02. OUR PEOPLE

Our commitment to our staff is to ensure job satisfaction by guaranteeing:

- Professional training to ensure continuous development of employee's talents and competence.
- Motivate employees towards achieving company's goals by industry competitive compensation, profit sharing and bonuses, and
- Maintain work life balance with a safe & conducive working environment.

03. HEALTH & SAFETY

Every risk factor is expertly determined, assessed and adequately mitigated as low as reasonably practicable, as our focus on safety can be compared only to the best in the industry with an objective of zero safety incidents.

04. ENVIRONMENT

Our belief in maintaining a safe environment is ensured by being environmentally responsible and observing environmentally safe practices in all our operations.



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POSITION ENGINEERING

RIG MOVE

Moving a rig safely and smoothly requires real strength, Precise preparation, and solid expertise. Subsea100 has a proven track record of excellence in offshore drilling, rig movements, the successful deployment of high- quality lead, and supporting tugs in moving across ocean areas. We make certain that our activities are carried out in accordance with all regulatory standards.



We provide accurate positioning; a fundamental parameter for all survey and engineering operations at sea. Our experienced team of specialists have completed numerous positioning projects ranging from shallow to deep water rig operations and developed advanced and robust survey and positioning solutions to support all offshore rig and mooring operations.

PIPE LAY

We provide positioning and survey support for rigid and flexible pipe lay installation operations, along with jacket and deck installations. We provide integrated solutions of USBL (ultrashort baseline), Gyro USBL, LBL (long baseline), and/or INS (inertial navigation system) depending on the type of pipe, flexible pipe, or platform/jacket installation, either in shallow or deep water.

We specialize in positioning and navigation services for lay barges during pipe/cable lay operations, as well as AHT management. We support the entire pipeline laying process, from developing an appropriate route to positioning surface vessels, monitoring the pipeline's touchdown point, executing post-lay surveys, and reporting.



POSITION ENGINEERING

MOORING SUPPORT OF FPSO AND TUG MANAGEMENT

We distinguish ourselves by our extensive understanding of mooring design and offshore mooring operations. We offer a comprehensive solution that includes engineering, mooring design, procurement, and installation, as well as maintenance and decommissioning.

We understand how important it is for your FPSO and FSO units to be installed, moored, and operated smoothly and reliably. Uptime and predictability are critical. With effective solutions for on-vessel mooring, riser pull-in, and offloading, we assist clients manage the offshore installation and operating phase of their FPSOs and FSOs.

Other key services include:

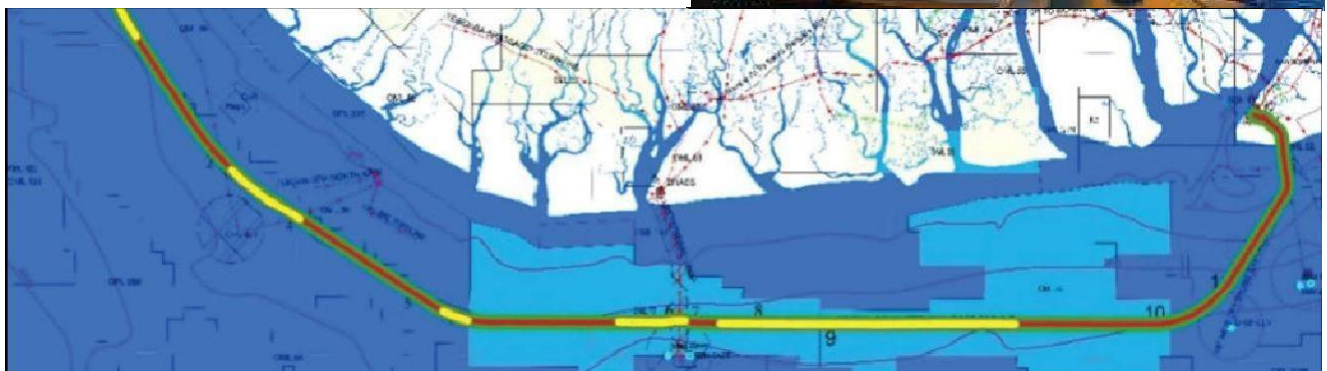
- Survey and positioning support during FPSO installations
- Unmanned rig position monitoring systems
- Calibration of Rig Gyros



GEOPHYSICAL ENGINEERING SURVEY

Geophysical Survey Services:

01. Airborne Lidar Bathymetry (ALB) Cable Route Survey
02. Environmental Baseline Surveys and Habitat Assessment
03. Burial Assessment
04. Desktop Studies
05. Fisheries Habitat
06. Hydrographic Mapping
07. Support for Engineering Projects
08. Hazard Surveys
09. Inspection/Debris Search
10. Underwater Infrastructure
11. Wreck Survey
12. Dredging Analysis
13. Stock Piling
14. Dredging Channel Survey



GEOTECHNICAL INVESTIGATION & BENTHIC ANALYSIS

We provide marine geotechnical services to determine and manage the ground risk associated with marine project development. Using technical expertise, advanced exploration tools, field and laboratory testing, computer simulations and quantitative methods, we identify, evaluate and resolve your geotechnical design challenges.

Our field data acquisition and sampling services are underpinned by our geotechnical expertise in executing complex and technically demanding projects.

Other key services include:

- Desktop studies
- Advanced laboratory soils and rock testing
- Soil and rock drilling
- Numerical and physical modelling of foundations
- Consultancy and Engineering analysis

From shallow coastal waters to ultra-deep-water ocean depths, our safe, cost-effective and technologically advanced geotechnical services include:

- Siting and stability of jack-up drilling rigs
- Foundation design for production platforms
- Slope stability analysis, mass flow simulation, and pipe impact assessments.



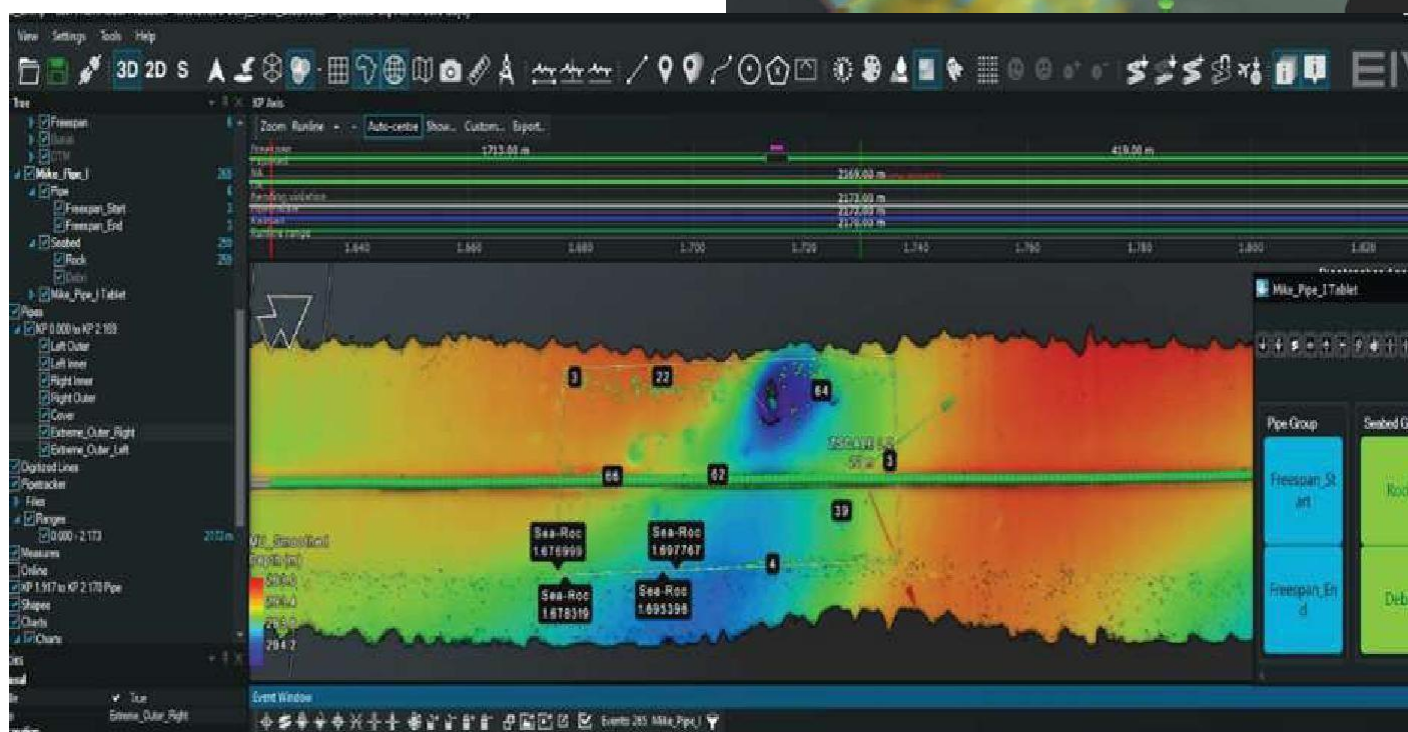
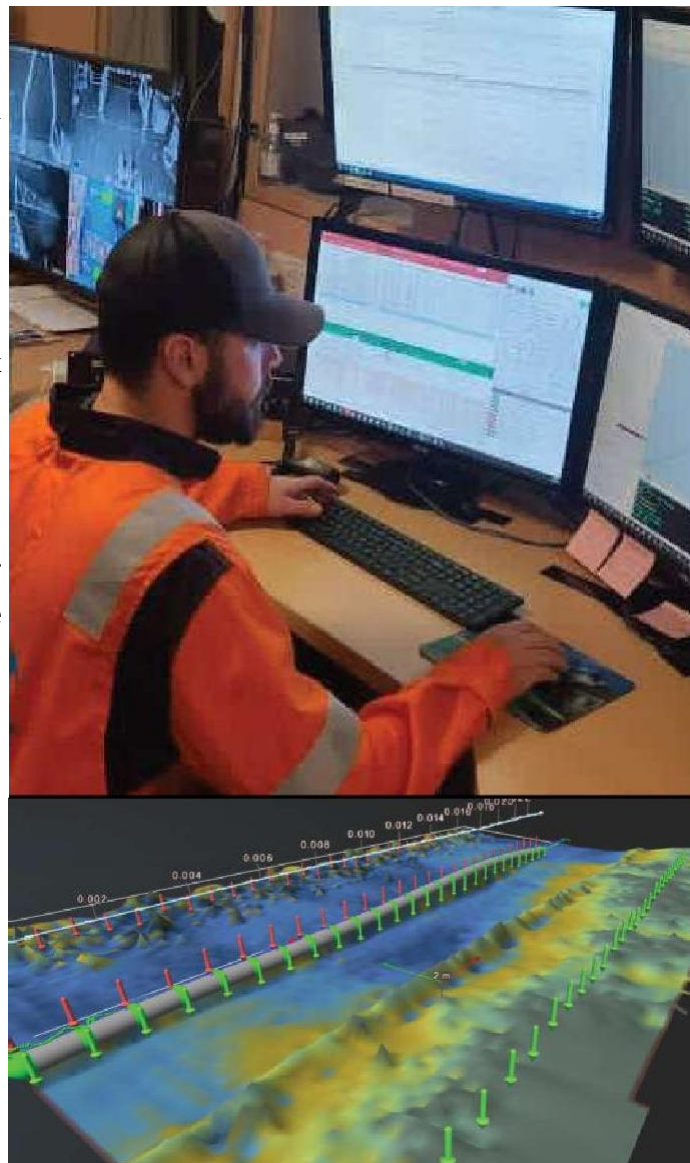
DATA PROCESSING, ANALYSIS & INTERPRETATION

Our Data Processing Services include Real-time Data Processing and Interpretation of 2D & 3D Bathymetric and Hydrographic Data ranging from single channel to advanced multi-channel using specialized software such as EIVA and Qinsy.

We carry out Bathymetric data processing, shipwreck data processing, Analogue survey data processing, Pipe inspection data processing, etc. for both onsite and remote operation.

We also carry out image processing and statistical modelling, identification of fault lines and landslide-prone areas.

We ensure accurate and transparent data reporting through comprehensive data collection and rigorous validation techniques. Our reports are clear and concise, designed for easy understanding by all stakeholders. This commitment helps us deliver reliable and insightful data for informed decision-making.



SUBSEA PHOTOGRAMMETRY

Subsea100 Global is at the forefront of subsea photogrammetry, delivering precise, high-resolution 3D models and measurements of underwater environments. Leveraging advanced imaging technologies and specialized software, we provide clients with accurate spatial data that supports engineering, inspection, and environmental monitoring in challenging offshore conditions.

We integrate remotely operated vehicles (ROVs), autonomous underwater vehicles (AUVs), and diver-operated systems with advanced photogrammetry equipments such as the Voyis Discovery stereo camera, with a depth rating of up to 4000m to ensure robust data capture in diverse environments.

We provide you with;

- High-Accuracy 3D modelling
- Inspection and Integrity Management
- Cost Effective survey
- Versatility Across Applications
- Cutting-Edge Technology

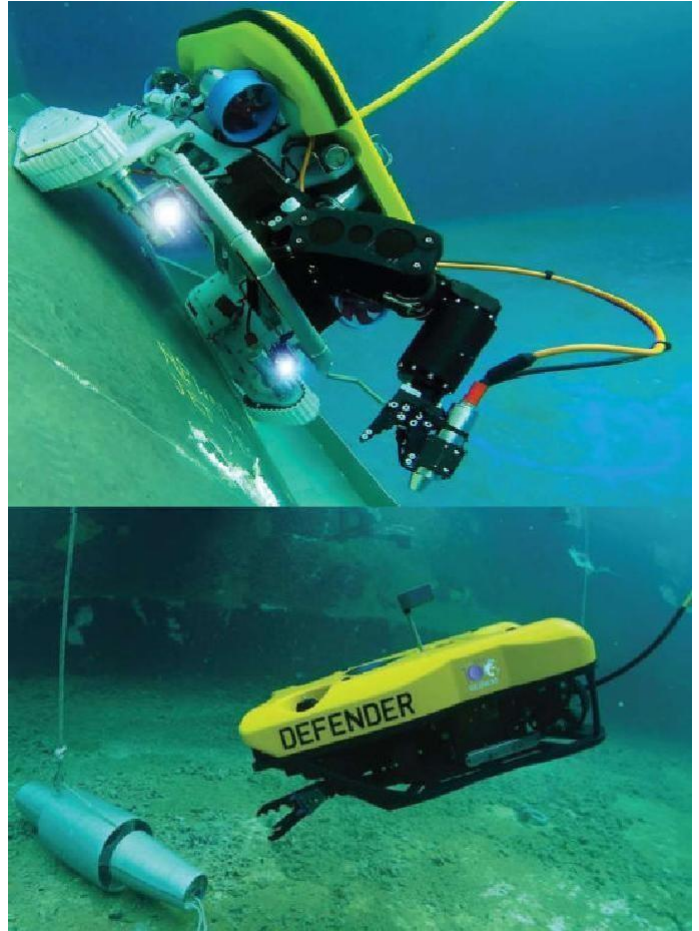
Our subsea photogrammetry capability empowers clients to make informed decisions, optimize offshore operations, and safeguard critical infrastructure. By combining technical excellence with innovative solutions, we deliver actionable insights that drive efficiency, safety, and sustainability in the marine and energy sectors.



UWILD SERVICES

Subsea100 Global Limited carry out Underwater Inspection in Lieu of Drydocking (UWILD) for inspection of marine vessel. By employing our divers or ROVs, we inspect the hull below the waterline to assess the vessel's condition, identify any damage, and ensure compliance with safety and regulatory requirements. With the capability of the defender, we carry out CP probe, Ultrasound, Scanning Sonar, Cavitation cleaning for UWILD purposes.

Subsea100 Team provide assets owner/operators a proven, responsive and cost-effective underwater inspection and integrity management partner. We deploy hi-spec Mini-ROV technology such as VideoRay pro4, pro5, Defender and Seatronics Valor Inspection ROV and tooling to inspect floating production assets, drilling assets and other offshore/marine vessels and structures. We pride ourselves on being agile, mobile, responsive, and extremely cost-effective, while delivering the highest inspection data.

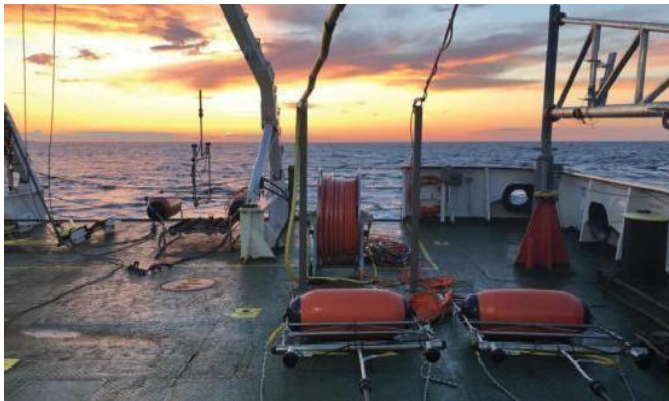


SEISMIC SURVEY, UHR, NODES & STREAMERS

Our Ultra High Resolution) (UHR) seismic services find their application in a wide range of activities, which requires a detailed knowledge of the sub bottom structures and seismic stratigraphy.

Drill site surveys, pipeline/cable route surveys
Offshore engineering projects/tunnels/bridges
Wind farms foundation studies, Dredging for coastal, river and harbor projects, Sand searches- /sand supply projects, Horizontal drilling projects, and Scientific seismic research projects.

Our UHR multi-channel seismic services are often used for the detection of gas pockets in site surveys, and also to investigate shallow sub-bottom structures for large- scale offshore engineering projects such as tunnels and bridges.



Complete seismic processing and reporting services can be provided through our partners and our trained staff who have an outstanding and experience in the elaboration of all UHR seismic data and associated data.

Our services also include: typical site survey data, Processing and interpretation of bathymetric data., Seismic data processing, from single channel to advanced multi-channel Seismic data interpretation from 2D to full 3D. We utilize industry-standard or proprietary navigation and positioning systems to support conventional 2D and 3D streamer data acquisition as well as ultrahigh resolution 3D systems such as P-Cable.



DIVE SUPPORT

Subsea100 provides expert underwater diving services and also owns a vast range of subsea tooling, inspection and support equipment to deliver diving services on diverse projects. Our experienced team can advise on divers, equipment, mobilization, and ensuring smooth integration with your vessel's dive spread.

Our experience ranges from air diving, saturation diving, deep water ROV support (observation, intervention, and work class ROV support), and our track record includes subsea engineering, hyperbaric welding, and cathodic protection retrofitting for asset life extension. With our diving services supported by a fleet of dedicated dive support vessels, ROVs, and survey services, we provide a "one-stop shop" solution for your subsea projects.

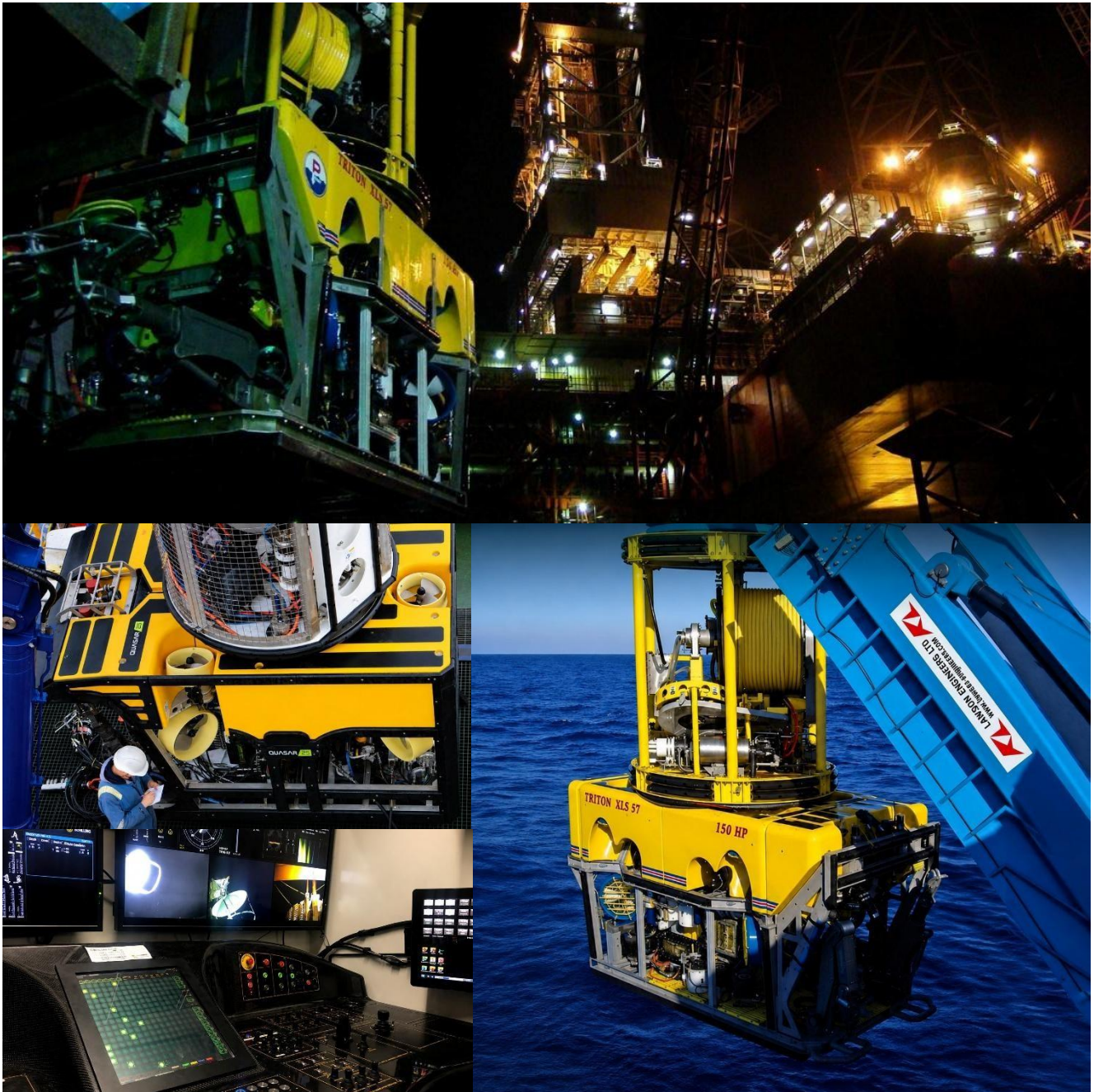


WORK CLASS ROV SERVICES

At Subsea100, we deliver reliable and integrated Work Class ROV services that span the entire subsea project lifecycle, from installation and construction support to complex intervention and full subsea inspections. Equipped with cutting-edge technology and operated by highly experienced personnel, our systems are built to perform in the world's most challenging offshore environments.

We understand that drilling and completion are the most critical, high-pressure phases of a well's lifecycle. Our ROV systems provide the precision, safety, and efficiency required to support these complex operations, ensuring flawless execution and long-term well integrity.

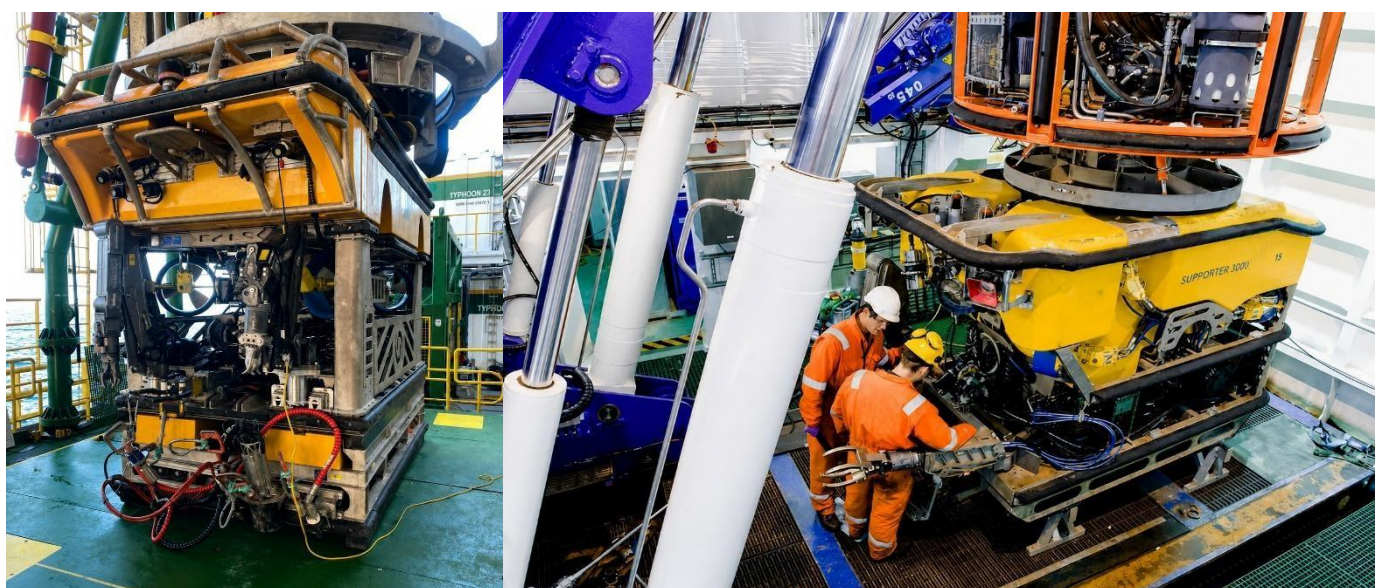
Beyond our standard operations, our comprehensive selection of subsea tooling is backed by in-house engineering capabilities, allowing us to develop customized solutions tailored to your specific project needs. To guarantee operational readiness and minimize costly downtime, we employ a proactive approach to asset management. Through strategic lifecycle tracking, predictive maintenance, and rapid-repair protocols, we ensure our equipment is always reliable, keeping your projects on track, on budget, and safe.



ROV TOOLING

At the heart of our ROV operations is a comprehensive and versatile tooling portfolio designed to tackle the most complex subsea challenges. We maintain an extensive inventory of high-performance equipment, ranging from heavy-duty manipulators, torque tools, and rotary cutters to cleaning brushes, hot-stab panels, and advanced non-destructive testing (NDT) packages. To support critical drilling and well-intervention campaigns, our capabilities extend to specialized heavy-duty tooling such as BOP intervention skids, wellhead cleanup tools, and other essential subsea hardware.

However, we recognize that off-the-shelf solutions do not always fit unique project demands. Through our robust in-house engineering capabilities, we go beyond standard catalogs to design, fabricate, and integrate bespoke ROV tooling and intervention skids tailored precisely to our clients' specifications. This self-reliance not only ensures rapid turnaround times and seamless hydraulic and electrical compatibility with our ROV systems, but it also provides the operational agility needed to adapt to evolving offshore environments. Ultimately, this approach minimizes downtime, enhances safety, and ensures we are always mission-ready to execute any subsea task efficiently.



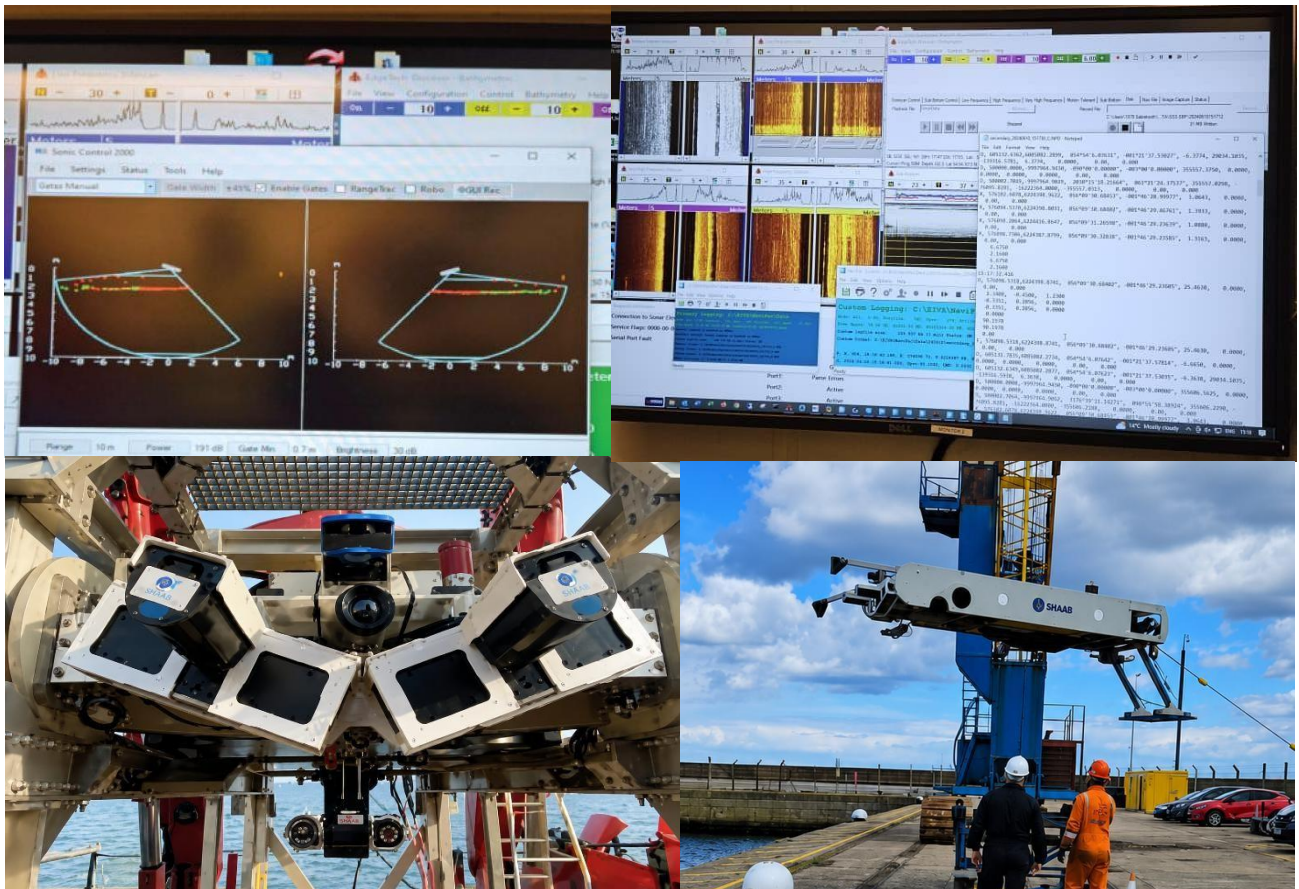
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AUV OPERATIONS

We have vast expertise providing AUV & HAUV support services for a variety of oilfield projects such as: Inspection, Repair, and Maintenance (IRM). We can provide a dependable solution for vehicle tracking and positioning by utilizing surface and subsea positioning equipment such as DGPS and USBL. In addition to positioning, we also offer inspection data acquisition and management.

Our Underwater Survey Services include:

01. Subsea video, 3D visualization and 3D metrology
02. Drilling support
03. Subsea Inspections, interventions and operations
04. Pipelines, cables, umbilicals, structures pre-lay and pre-engineering surveys.
05. Touchdown, installation monitoring, as laid, as-built, out-of-straightness, stability surveys, pre-installation and post installation survey Modelling



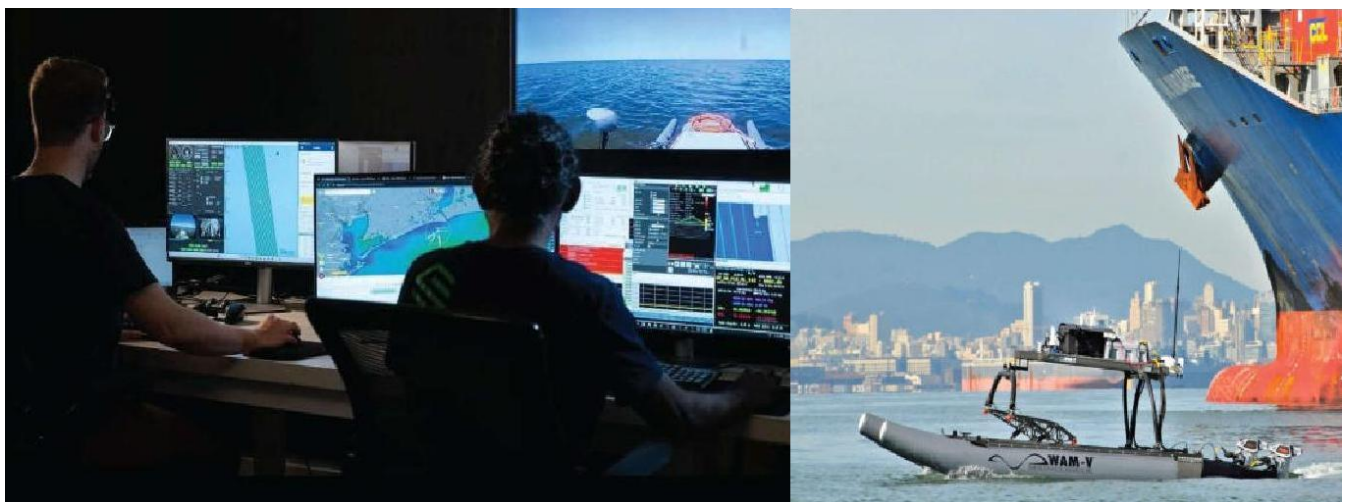
ASV OPERATIONS

At Subsea100 Global Limited, we specialize in providing top-tier hydrographic survey solutions, including robust support for Autonomous Surface Vessels (ASV). ASVs are paving the way for efficient, accurate, and cost-effective marine surveying, especially in challenging environments. With our deep expertise, we ensure seamless integration, deployment, and operation of ASVs across a range of survey missions, making us a trusted partner within the industry.



OUR SERVICES INCLUDES:

1. Survey Planning and Design: We tailor survey plans to maximize the capabilities of ASVs, ensuring precise data acquisition with efficiency.
2. Deployment and Operation: Our experienced marine professionals provide full support from deployment to real-time monitoring of ASV missions, ensuring compliance with safety protocols and seamless operation.
3. Maintenance and Technical Support: To maintain peak performance, we offer comprehensive maintenance, troubleshooting, and repair services for ASVs.
4. Custom Integration: We assist in integrating advanced technologies into existing ASV platforms, adapting to the specific requirements of coastal mapping, offshore exploration, and environmental monitoring.

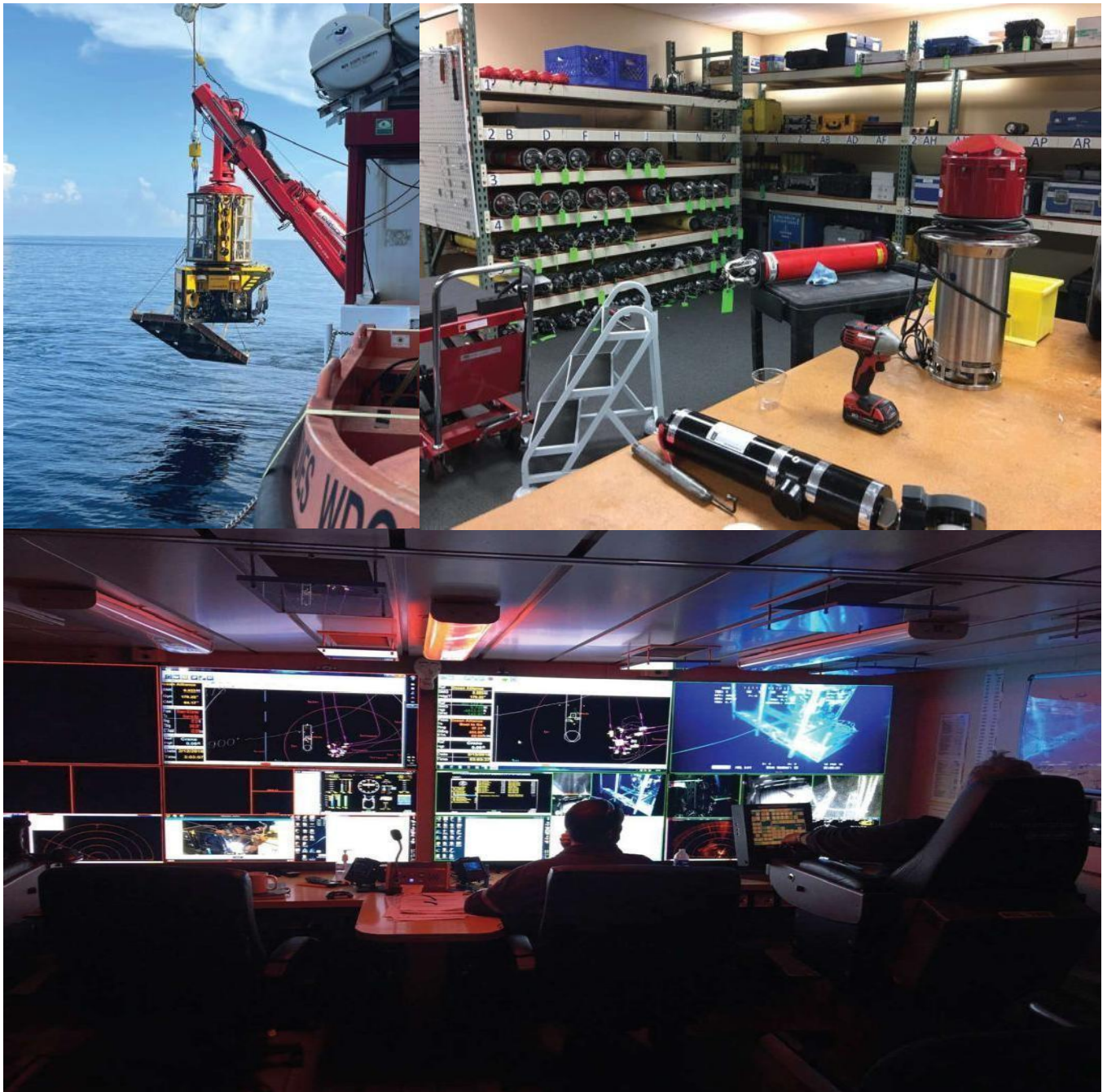


SUBSEA CONSTRUCTION SUPPORT

Our company provides specialized subsea construction support services, leveraging cutting-edge technologies like Remotely Operated Vehicles (ROVs) and other advanced tools. Our expert team delivers tailored solutions to ensure efficient, safe, and successful subsea construction projects.

Our Subsea Construction Support Services Include:

1. We provide shallow and deep water ROV operations for subsea construction, inspection, and maintenance tasks.
2. We conduct thorough subsea surveys and mapping to identify potential hazards, optimize installation routes, and ensure compliance with regulatory requirements.
3. We offer comprehensive support for subsea construction projects, including equipment setup, data acquisition, and data processing.
4. We provide Inspection, Maintenance, and Repair (IMR) services for subsea infrastructure, ensuring optimal performance and extending asset lifespan



ENGINEERING, PROCUREMENT AND FABRICATION SERVICES

At Subsea100, we provide integrated Engineering, Procurement, and Fabrication (EPF) services for offshore, subsea, and marine infrastructure projects. Our capabilities span engineering design, procurement of quality materials and equipment, fabrication, Dimensional Control (DimCon), and installation support, ensuring efficient project execution from planning through deployment.

We fabricate and assemble a wide range of offshore and subsea structures, including LARS sub-frames, elevated walkways, support frames, foundations, installation aids, and other bespoke engineered components. Through rigorous quality assurance, dimensional verification, welding inspections, and material traceability, we ensure all fabricated assets meet project specifications and industry standards.

By combining engineering expertise, strategic procurement, precision fabrication, and DimCon services, Subsea100 delivers reliable solutions that support the safe installation and long-term performance of offshore and subsea assets while minimizing project risks and enhancing operational efficiency.



LBL ACOUSTIC METROLOGY AND WELL MARKING/SPUDDING

At Subsea100, we specialize in the delivering precise acoustic metrology solutions for subsea infrastructure installations, leveraging Long Base Line (LBL) technology paired with fusion 2 software and compact 6+. This advanced system allows us to achieve submillimeter accuracy in positioning and aligning under-water structures, such as pipelines, manifolds, and risers. By using acoustic metrology, we ensure that all subsea assets are installed with the highest level of precision, reducing operational risks and enhancing the overall reliability of marine projects.

PRECISE ALTITUDE OF INSTALLATION ASSETS

Our expertise in LBL positioning enables Subsea100 to determine the exact altitude and orientation of the Installation assets with unmatched precision. We deploy seabed transponders that provide accurate spatial data, Facilitating the optimal placement of subsea structures. This approach minimizes the chances of misalignment, improves installation efficiency, and ensures the long-term stability and performance of the assets we install.



STATIC & DYNAMIC LIDAR OPERATION

FIELD MAPPING & ASSET INSPECTION

Using our Dynamic LiDAR solution, we can provide highly detailed 3D map with geolocated assets that pinpoint interconnecting cables and hydraulic lines.

We have several proven fast data collection methods for identifying leaks of production or commissioning fluids while in motion over well and manifolds. This capability provides the potential for early signs of failure awareness or delayed startup commissioning rather than the more serious failed pressure test.

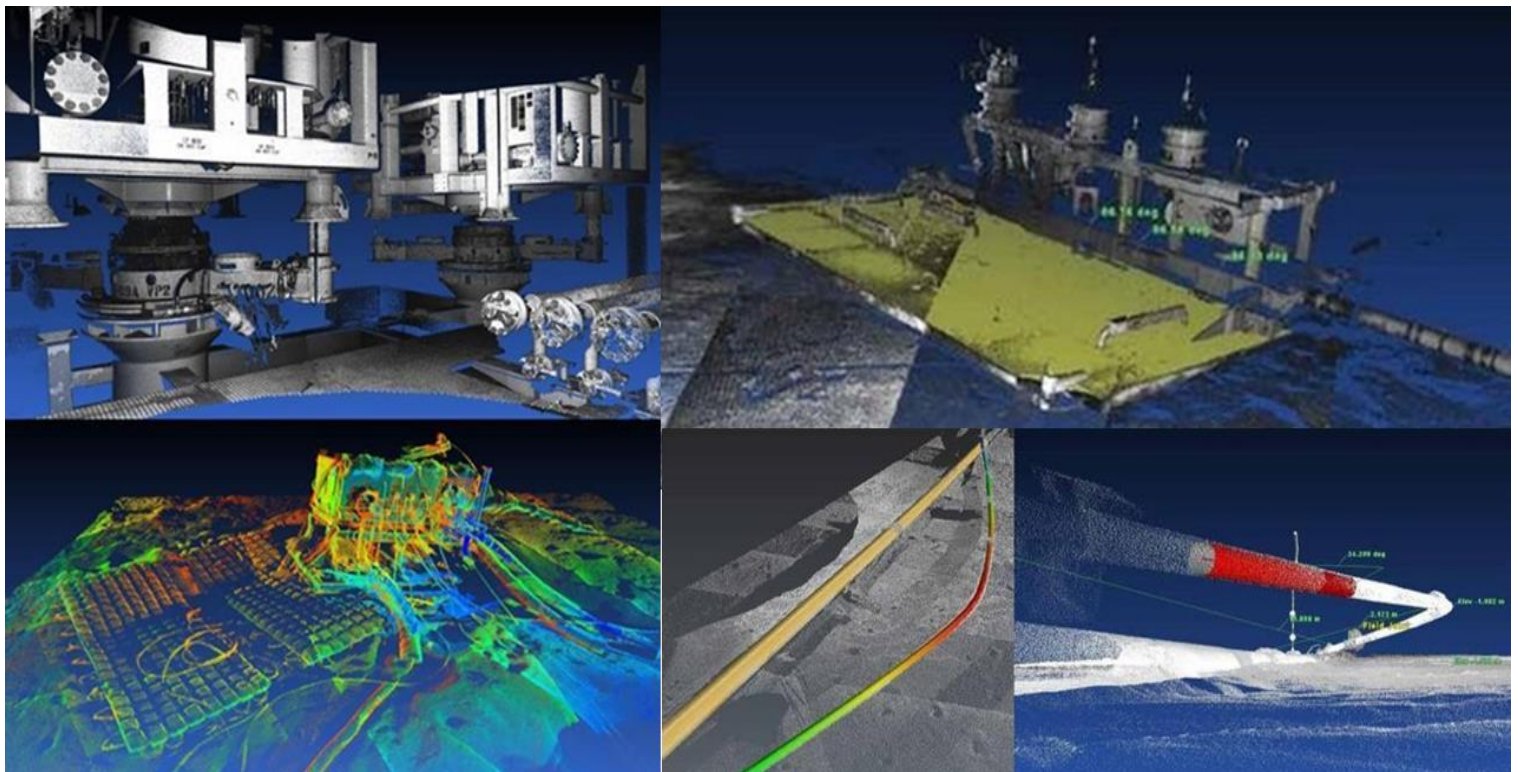
BENEFITS OF THE SUBSEA LIDAR

- Unparalleled accuracy in subsea imaging and mapping.
- As-found Mattress Installation using Lidar in 3-dimension.
- Faster turnaround of project data.
- Increased safety to assets due to zero exposure to damage.
- Decreased disruption of project environment “Touchless”. Create Baseline Point Cloud Maps for annual Vibration and movement displacement movement/settlement comparison.

SUBSEA LIDAR METROLOGY(HUB TO HUB)

PIPELINE CURVATURE ANALYSIS AND ANGULAR MEASUREMENT

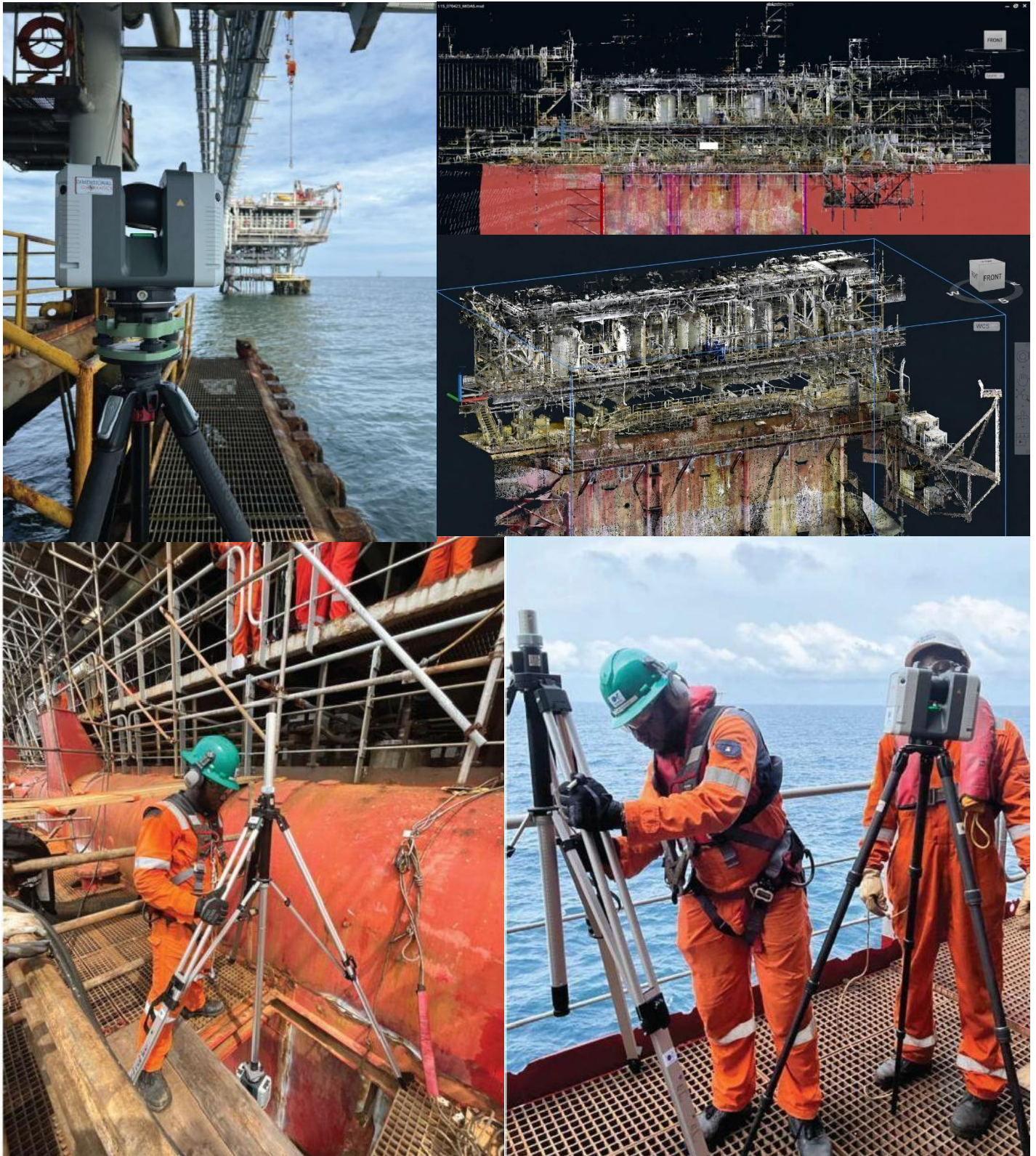
We offer cutting-edge Subsea LiDAR Analysis services to support pipeline integrity management. By leveraging advanced Light Detection and Ranging (LiDAR) technology, we provide high-resolution 3D models of subsea pipelines, enabling accurate pipeline curvature analysis and angular measurement.



3D LASER SCANNING & DIMENSIONAL CONTROL

We specialize in providing advanced 3D laser scanning and dimensional control services. Our cutting-edge technology enables us to capture precise and detailed 3D representations of physical objects and environments.

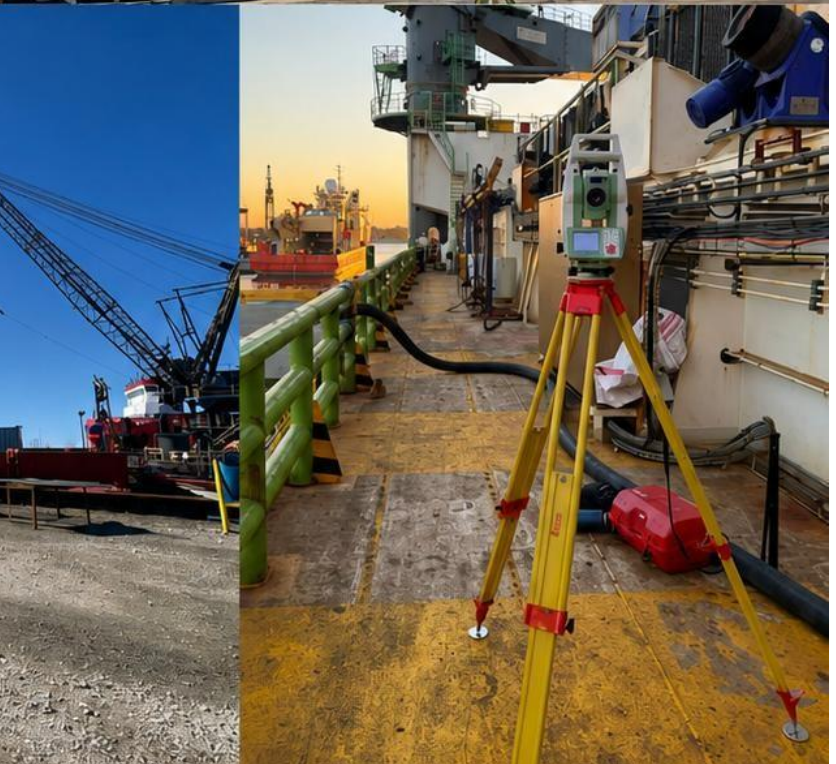
3D Laser Scanning offers high accuracy and efficiency in capturing spatial data. By using laser pulses to measure distances, we generate detailed point clouds that can be used for creating accurate models, verifying as-built conditions, and supporting reverse engineering processes.



At Subsea100 Global, we provide repeatable, reliable, and accurate Vessel Dimensional Control Surveys to ensure our clients' vessels comply with project specifications which is a critical factor for successful offshore operations. Our experienced team of surveyors are ready to support your next project mobilisation with precision and efficiency.

Our services include:

- Establishment of Quayside Baseline Control
- Vessel, AUV & ROV Offset Surveys
- Sensor Calibration & Verification
- Quick Turnaround Times for Reports.



3D LASER SCANNING, DESIGN/STRUCTURAL, PIPING AND AERIAL INSPECTION SURVEY

Subsea100 Global can help you measure terrain, design or monitor construction site progress, create drainage systems, conduct power line maintenance and inspections, inspect solar farms and telecommunication towers, agricultural mapping, monitor pipelines, and manage assets as well as many more projects in a variety of industries.

We offer a range of UAV acquisition either to supplement vessel-based surveys or as stand-alone campaign. Our mapping services include:

- 01. Terrestrial Laser
- 02. Scanning
- 03. Photogrammetry
- 04. Thermal Inspection
- 05. Search and Recovery
- 06. BIM Modelling
- 07. SLAM LiDAR
- 08. CAD Modelling

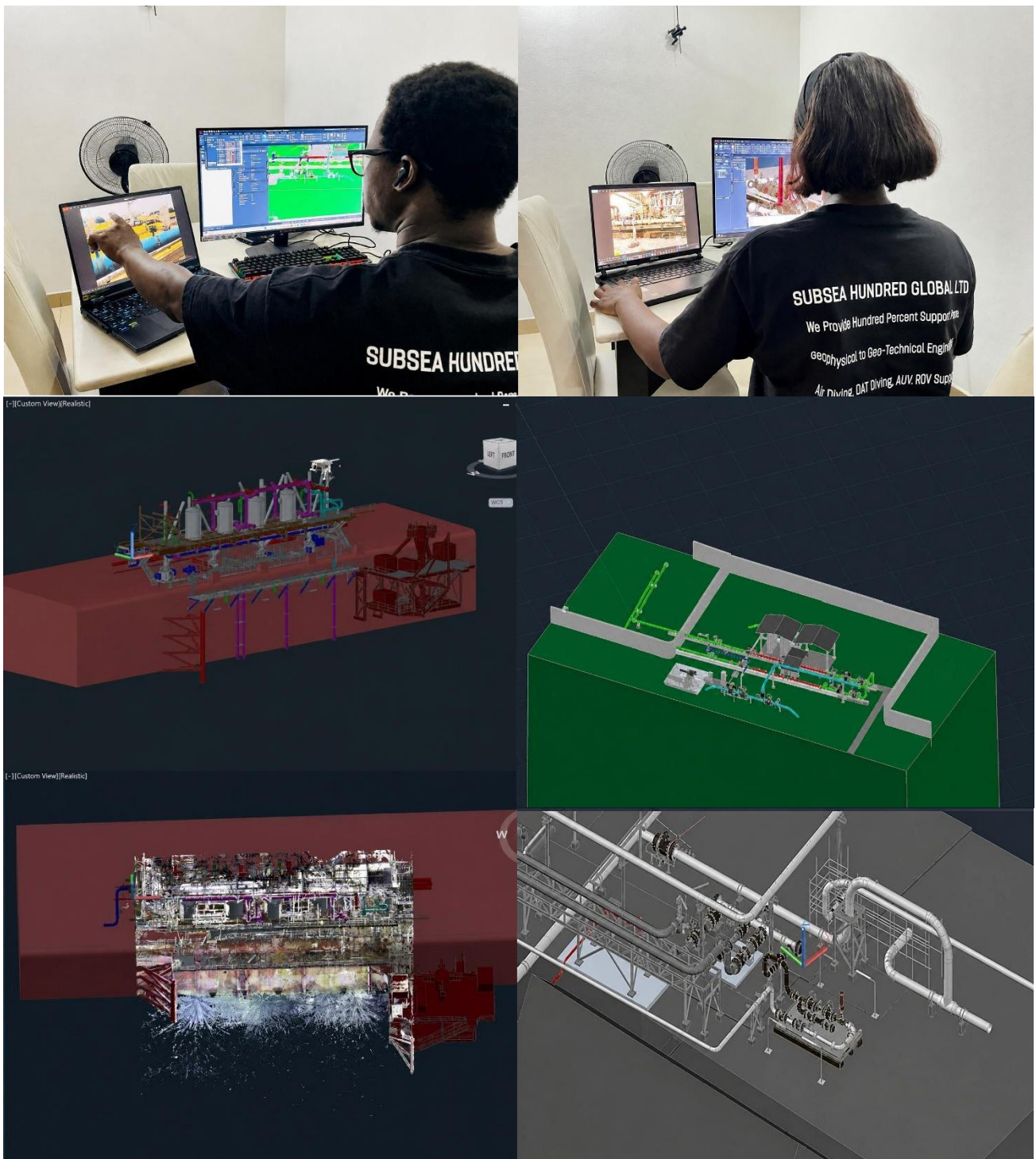


We have utilized the Wingtra, M300, and M600 drones on multiple projects for lidar and photogrammetry. For terrestrial scanning, we have multiple scanners available: Leica RTC360, Faro S series, or Z&F 5016 Wingtra One. Gen II is the perfect aircraft for large area photogrammetry and long linear runs. Phoenix Lidar Systems setup will capture it all in any Lidar project no matter how big or small.



At **Subsea100 Global**, we provide accurate and reliable **3D Modelling and CAD Design** solutions for structures, pipelines, and equipment. Using advanced surveying and reality-capture technologies, we develop detailed digital models that support engineering design, dimensional verification, project planning, fabrication, and asset management.

Our experienced team delivers high-quality models and drawings that help clients improve visualization, enhance decision-making, and ensure project requirements are met with precision and efficiency.





Subsea100 Global Marine Survey Team Carrying Out Vessel Inspection and Valuation

MARINE WARRANTY SURVEY (MWS)

Subsea100's main responsibility is to provide the maritime, oil, and gas industries with specialized and technically sound marine solutions through efficient services. Our Marine Warranty services commonly cover design assessments and on site supervision, generally concern with the following types of marine operations:

- Marine Offshore Consultancy
- Offshore and Marine Inspection and Audits
- FSO / FPSO Audits
- Vessel Owning and Chartering
- Owner's Representative
- Rescue Operations

INSPECTION SERVICES

NON-DESTRUCTIVE TESTING (NDT)

NDT is also known as Non-destructive Evaluation (NDE) and Non-destructive Inspection (NDI). The process allows materials to be evaluated without destroying or changing their properties.

NDT is intended to assure the long-term viability of your oilfield assets.

We have substantial experience utilizing the newest technologies that we make available to our customers making the most difficult projects a walk in the park.

CONVENTIONAL NDT SOLUTIONS

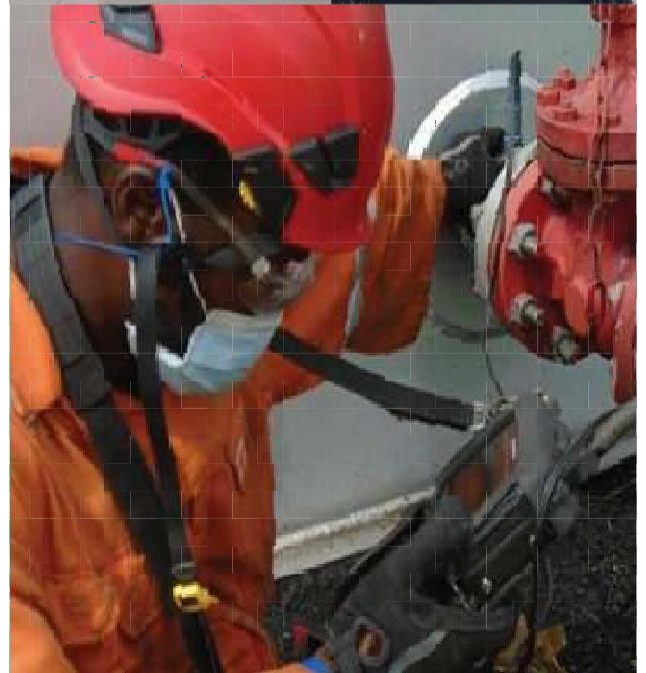
Our conventional NDT inspection methods include the following:

- Ultrasonic Testing
- Eddy Current Testing
- Magnetic Particle Inspection (MPI)
- Visual Inspection
- Cathodic Protection
- Thermography
- Dye Penetrant Testing
- Borescope
- Radiography Inspection
- Leak Test
- Vibration analysis

ADVANCE NDT SOLUTIONS

We offer the following advanced NDT inspection solutions:

- Digital Radiography
- AUT
- Alternating Current Field Measurement (ACFM)
- Magnetic Flux Leakage (MFL)
- Inspection under Insulation (CUI) / Pulsed Eddy Current Test
- Phased Array Ultrasonic Testing (PAUT)
- Internal Rotary Inspection System (IRIS)
- Time of Flight Diffraction (TOFD)
- Remote Field Eddy Current Test (RFT)
- B- Scan & Nano Scan Test for Elbow



We offer a complete solution for underwater inspection comprising of preparation, offshore execution, and final reporting tailored to best-fit client specifications and timescales. We understand the challenges and then apply the best techniques (alternating current field measurement, eddy current testing, or ultra-sonics) depending on our clients' needs.

CATHODIC PROTECTION

We provide a comprehensive range of cathodic protection services to protect and maintain the integrity of client assets.

These include project planning and coordination, offshore data acquisition, processing, and reporting.

Accurate site information is essential for successful offshore positioning.

An exposed cable or a free-span pipeline can easily result in a costly breakage, so Subsea100 Global provides a range of suitable methods for conducting route inspections.

Combined with time series analysis, we can visually demonstrate protection requirements due to currents, tides and movement of sediment.

We deploy specialized equipment such as ROVs for detecting, tracking, and mapping using Multi-beam, Side Scan Sonar and under-water videos to follow the route as accordingly and a remotely operated crawler for shallow water environment.

Subsea Hundred Global carries out pipeline inspection surveys to detect: freespans, damage, defects, leaks, erosion or pipeline movement, required innovative technology and experience.



PIPELINE INTEGRITY: LOCATE BURIED PIPELINE



PIPETRACKER COILS

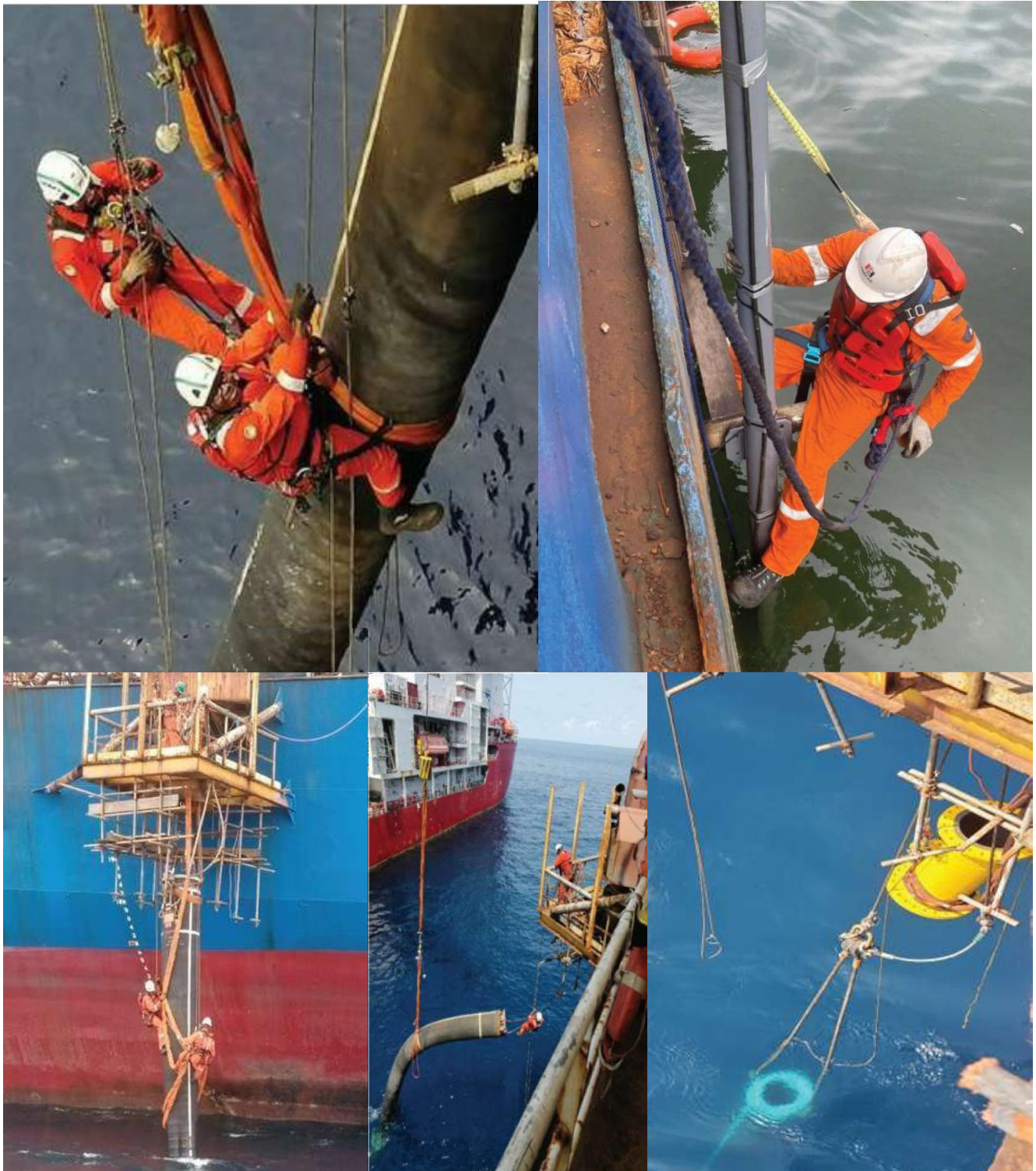


PIPETRACKER ELECTRONICS BOTTLE

ROPE ACCESS

In the Marine & Offshore Industry, application of rope access includes Hull Thickness Gauging, Close-up Inspection of vessels using CCTV system, Lifting Gear Inspections, Anode Replacement, Derrick & Crane Inspections, Conventional & advanced Non-Destructive Testing (NDT) techniques, Structural Condition Surveys, Maintenance and Mechanical jobs.

At Subsea100, we have a team that has been deployed on a number of projects. These projects have been safely carried out with Zero LTI.



PRESSURE TESTING SERVICES

Subsea100 is a leader in providing comprehensive pressure testing services designed to assess the integrity and strength of a wide range of pressurized equipment. Before being placed into service, and after repairs or shutdowns, our expert team ensures that your equipment meets required standards and is safe for operation, even under extreme conditions.

We offer complete pressure testing services for:

- Process Piping
- Pipelines
- Boilers
- Heat Recovery Steam Generators (HRSGs)
- Pressure Vessels
- Storage Tanks

Our comprehensive equipment inventory includes:

- Hydrostatic Test Pumps: A large fleet of electrically driven hydraulic flushing units, air-driven pumps, and hand-operated units capable of a wide range of pressures.
- Gauges & Recorders: A full range of certified analogue and digital test gauges (from vacuum to 30,000 psi), as well as mechanically driven single and twin-pen chart recorders for both pressure and temperature.
- Ancillary Equipment: A complete complement of supporting equipment, including pressure test hoses, manifolds, and block and bleed valves.
- Specialized Tools: We also utilize dataloggers, pressure transmitters, and air-driven chemical injection pumps to meet unique project requirements.

We understand that every project is unique. We plan, design, and implement customized testing procedures to ensure the integrity of your specific equipment. Our proven process is designed to save you time and money, and it includes:

1. Detailed Planning
2. Safety & Quality Assurance
3. Accurate Documentation



ENVIRONMENTAL IMPACT ASSESSMENT AND MONITORING

As part of our commitment to sustainable offshore operations, Subsea100 Global Limited offers a full range of Environmental Impact Assessment (EIA) and Environmental Monitoring services. These services help clients identify, predict, and manage the environmental effects of subsea and marine activities in compliance with FMEnv, DPR, IFC, and ISO 14001 standards.

Our environmental team integrates scientific field surveys, remote sensing, and GIS-based modeling to assess water, sediment, and ecosystem health around operational sites. Through baseline and impact studies, we evaluate potential risks from drilling, construction, and survey activities, ensuring environmental safeguards are embedded from planning to decommission.

Subsea100's monitoring programs track real-time environmental parameters such as water quality, benthic ecology, air and noise levels, and biological diversity. These continuous assessments allow clients to meet both regulatory and corporate sustainability goals while minimizing their ecological footprint.

Our Services Include:

- Environmental Impact Assessments (EIA)
- Baseline Environmental Studies (BES)
- Marine water and sediment quality analysis
- Benthic and biological assessments
- Noise and vibration monitoring
- Air quality and meteorological studies
- Post-Project Environmental Audits (PPEA)



Through these services, Subsea100 reinforces its dedication to environmental stewardship, supporting safe, compliant, and sustainable offshore operations.



ASSET INTEGRITY MANAGEMENT

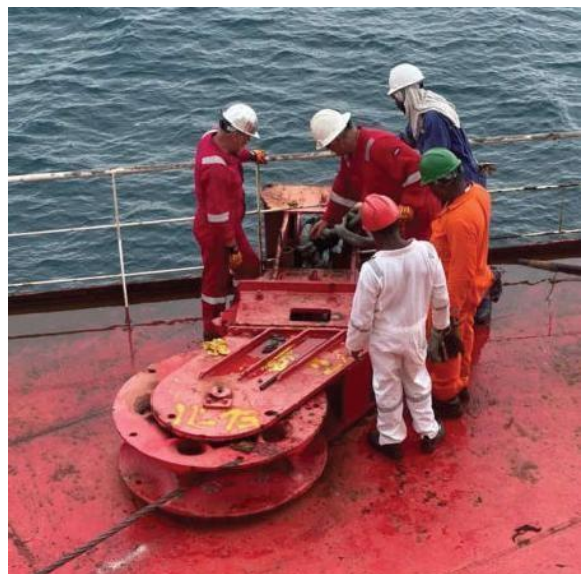
To prevent major accident and environmental hazard events, it is essential that the integrity of systems and hardware is maintained throughout the lifetime of all assets. To achieve this, a systematic approach is required to identify all potential degradation threats and ensure barriers are in place, effective, managed, and monitored.

We have a very experienced team of integrity engineers and technical staff who fully understand the importance of implementing bespoke, practical, and effective management frameworks for asset integrity management.

ABS VESSEL INSPECTION

Recognized by the American Bureau of Shipping and awarded approved service provider status to conduct Hull Gauging to check the watertight integrity of the ship by inspecting the following areas of the ship:

- Close-up survey of the structures such as Shell, frames, bulkheads.
- Thickness measurement of hull
- Inspecting and Testing of Cargo Tanks
- Inspecting and Testing of Ballast Tanks
- Inspection and Testing of Hatch Covers and Coamings
- Inspecting and Testing fuel tanks, side and double bottom Tanks
- Inspecting Tanks On Board Ships



OFFSHORE RENEWABLE ENERGY

We provide a range of services to address the expanding need for offshore energy, including traditional oil and gas, as well as renewables such as: wind, wave, and solar energy.

Our clients benefit from our application of machine learning, remote access and advanced processing techniques.

Our experts understand the seabed and sub-seabed risks to your offshore energy project throughout its lifecycle and will apply a thorough understanding of your project objectives to design effective hydrographic, geophysical, and geotechnical site investigations. we also provide a cost-effective and efficient risk- based approach to mitigation Unexploded ordnance (UXO).

Our Services includes:

- Assessment of offshore sites and ground conditions, as well as early feasibility studies for offshore wind farms.
- Cable trenching, burial and protection assessments.
- Development and maintenance of geological and engineering 3D ground models for offshore wind farms.
- Geotechnical interpretive reporting (GIR)



GEOGRAPHIC INFORMATION SYSTEM (GIS) SERVICES

We take your industry to the next level with our Geographic Information System (GIS) Services.

GIS DATA ANALYSIS AND MAPPING

At Subsea100 Global we offer a wide range of tasks and applications related to managing, analyzing, and visualizing geospatial data.

DATA ANALYSIS

1. Hotspot Analysis
2. Precision Agriculture
3. Mineral Exploration
4. Land Use/Land Cover Analysis
5. Suitability Analysis
6. Hydrology Analysis



CARTOGRAPHIC MAPPING

1. Street Guide Map
2. Topographic Mapping
3. Cadastral Mapping
4. Web-Mapping and Dashboard
5. Project Evaluation and Monitoring

DATA COLLECTION AND MANAGEMENT

1. Creation of Geodatabase and Management
2. Land Parcel Delineation and Management
3. GPS Coordinates
4. Data Crowdsourcing



ONBOARD REPORT COORDINATION

We excel in Onboard Report Coordination, ensuring seamless communication and accurate documentation during offshore and marine operations. This process is critical for maintaining operational efficiency, safety, and compliance with regulatory standards.



PRE MOBILIZATION MEETING

At Subsea100, we believe that the safe delivery of successful projects depends solely on thorough project management and engineering proficiency.

Our project management team have extensive experience and expertise in planning, engineering and design, offshore construction, offshore installation, commissioning as well as decommissioning.

As we aim to proactively develop this capability, we aim to significantly add value to every phase of our projects.



REMOTE SUPPORT IN REAL TIME

We provide Remote Support in Real-Time to ensure uninterrupted operations, regardless of location. Our experts offer immediate assistance and troubleshooting for offshore and onshore teams, leveraging advanced communication tools and remote-access technology.





OUR EQUIPMENTS

SUBSEA100 GLOBAL LIMITED holds various survey equipment (Hydrographic and Land) in stock, for rental and Job execution purpose. Various end-users have selected our equipment as the best currently available in the Industry. In response we continue to develop new methods to satisfy their demands.



EDGETECH 2205

Side scan Sonar +
Sub-Bottom Profiler +
Bathy (4000m depth
rating)



INSPECTION ROV

VideoRay Mission
Specialist Defender
(Depth rating up to
1000m)



Gaps M7

High performance
USBL positioning &
communication
system (4000m depth
rating)



G-882 MAGNETOMETER

Geometrics' G-882
Marine Magnetometer
(2700m Depth rating)



WAM-V 22

WAM-V technology to an
expanded field of opera-
tions.
Speed up to 15kn
Endurance up to 72hrs



R2 SONIC 2024

Sonic™ 2024-V
Multibeam Echo-
sounder (4000m
deph rating)



TSS DMS-05

TSS Dynamic Motion
Sensors



EDGETECH 3400

3400-OTS
POLE-MOUNT SUB-BOTTOM
PROFILER
(100m depth rating)



EDGETECH 4200

4200 Series SideScan
Sonar System
(2000m depth
rating)



C-NAV X3

C-Nav X3®
GNSS Receiver



APPLANIX POS MV

Trimble Applanix®
POS MV
OceanMaster



KONGSBERG MS1000

Sector Scan for Touch
Down Monitoring (TDP)
with Tripod (2000m
depth rating)



MIDAS SVX2

Valeport-MIDAS-
Multi-Parameter CTD



PIPE LOCATOR

Leica Detect DD130
Locator



ECHOTRAC E20

A portable, compact and
robust echosounder.
(Depth rating up to
6000m)



TSS MERIDIAN

Teledyne-TSS-
Meridian-Standard-Gy-
rocompass



LEICA TS12

Leica Geosystems
Robotics Total Station



VS1000 HEMISPHERE

Vector™ VS1000 GNSS
Receiver
Position & Heading



SONARDYNE LBL

Wideband Sub-Mini
6+ Transponder/Re-
sponder



DRAGONFLY

Dragonfly UASDrone
Photogrammetry +
Lidar



1000Series Beacons

Applied Acoustics
Beacon (4000m
Depth rating)



iWand

Transponder test and configuration unit.



Mini-Ranger 2 USBL

Underwater tracking and communications system



VALOR ROV

Valor ROV with Discovery Stereo camera. depth rating up to 4000m



Sound Velocity Profiler

Valeport Swift Sound Velocity Profiler (SVP)



TSS660 Pipe Tracker

Teledyne TSS660 Hydropact subsea pipe tracking system



R2 SONIC 2024

Dual Multibeam Transducers (4000m depth rating)



R2 SONIC 2024

Dual Multibeam Transducers (4000m depth rating) placed in water



LEICA RTC 360

High-speed 3D laser scanner with integrated HDR spherical imaging system



LEICA SCANSTATION P50

Highest quality 3D data and HDR imaging at an extremely fast scan rate



VIPERFISH ROTV

Ensures High-resolution data collection and provides flight control software



SEASPY MAGNETOMETER

High sensitivity magnetometer that can be integrated inside an AUV with glider



VOYISDISCOVERY STEREO

Compact stereo camera solution for 3D photogrammetric modelling



CYCLONE CP PROBE

Compact and lightweight solution for cathodic protection tasks



CAVIBLASTER 1440-E

CaviBlaster 1440-E (14 gpm / 4000 psi)



Valor ROV with Discovery Stereo Camera

Integration with Discovery Stereo camera and- VALOR ROV (Versatile and Lightweight Observation)



SATURN GYRO

Saturn 50 AHRS Surface Fiber-optic Gyrocompass



WORK-CLASS ROV

DWTEK Monew all electric work class ROV system with high degree of customization



CANOPUSLBL + USBL TRANSPONDER

Smart seabed transponder equipped with an inclinometer and depth sensor for positioning and range aiding INS



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