DOVAHEIGHTS
ENERGY LIMITED

COMPANY PROFILE



Optimizing Client Asset Uptime...

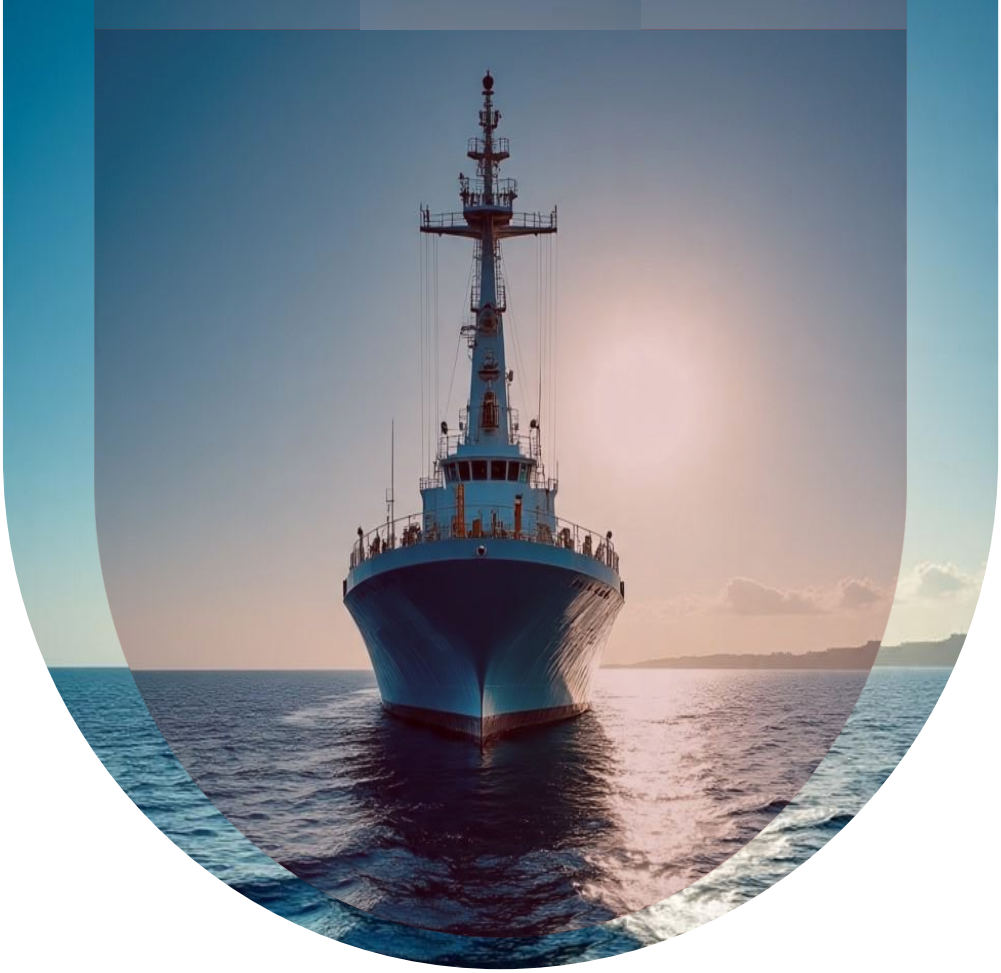


TABLE OF CONTENT

3 About Dovaheights

4 Mission & Vision

5 Core Values

6 Our Locations

7 Executive Summary

8 Our Services

10 Underwater Inspection Services

13 UAV Inspection Services

14 Subsea Leak Detection Services

17 Manpower Services

18 NDT Inspection Services

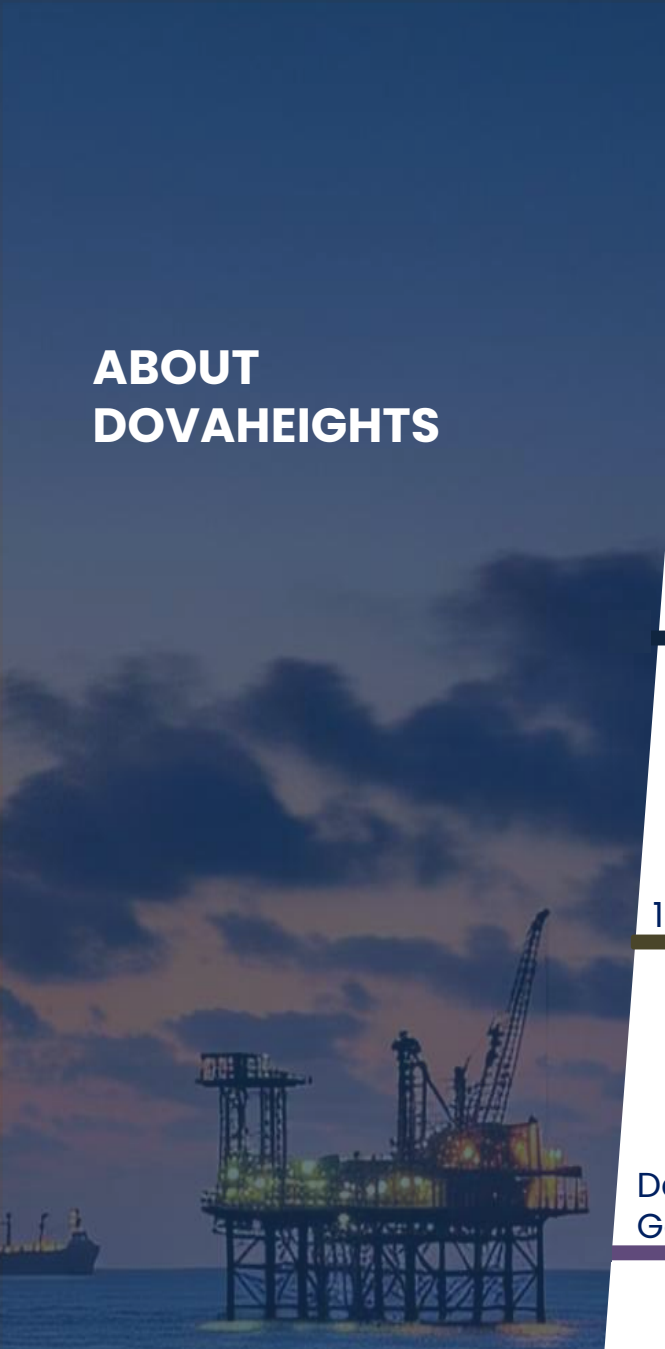
20 Filtration Services

21 Procurement Services

22 Third Party Inspection Services

23 Our Valued Clients

ABOUT DOVAHEIGHTS



Trailblazer in Mini-ROV Services in Nigeria.

100 % Locally Owned, Established in 2012.

Delivering Advanced Support Solutions to the Oil & Gas Sector.

Committed to World-Class Safety and Quality Services.

A trusted partner in the oil and gas industry.

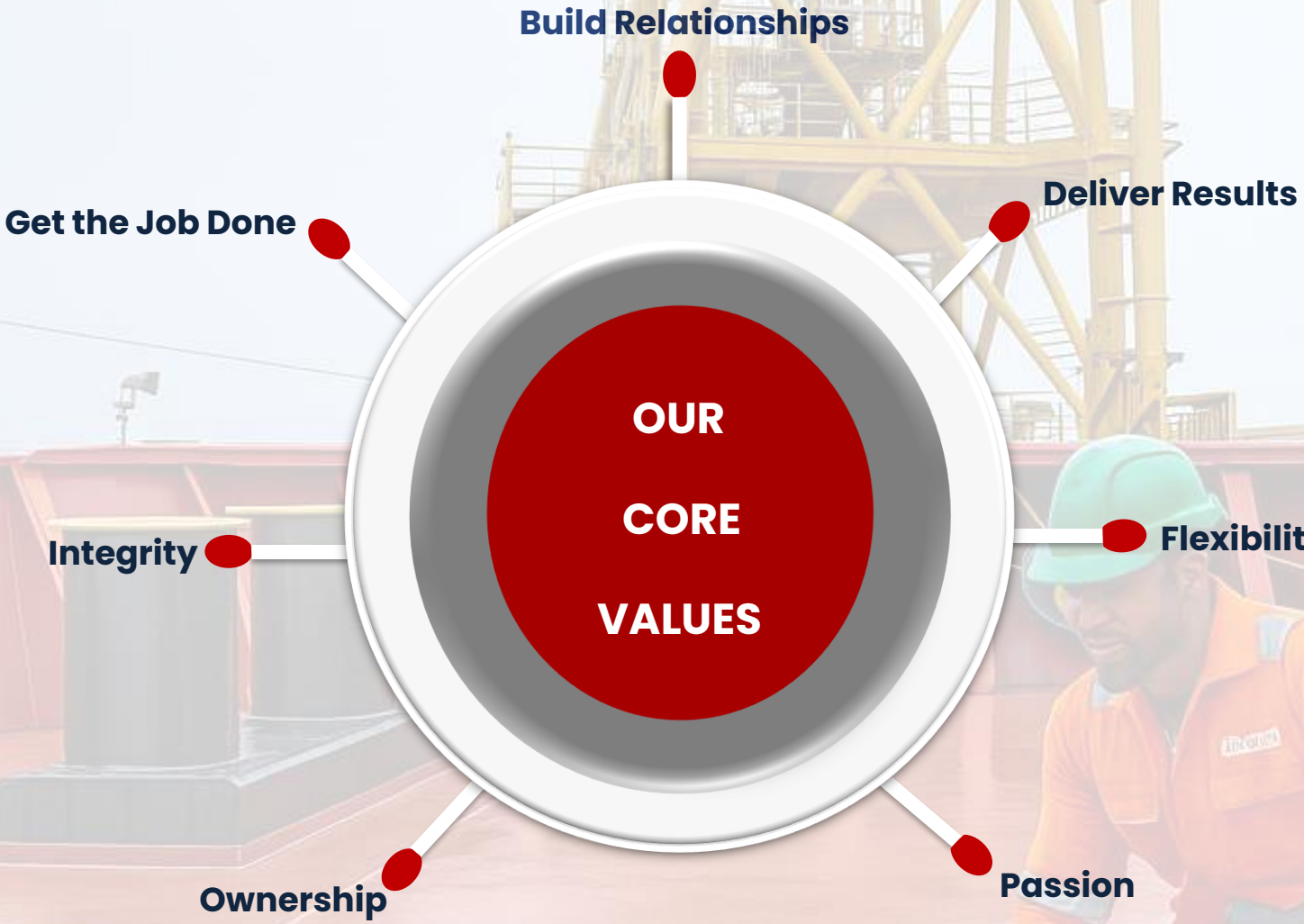


MISSION

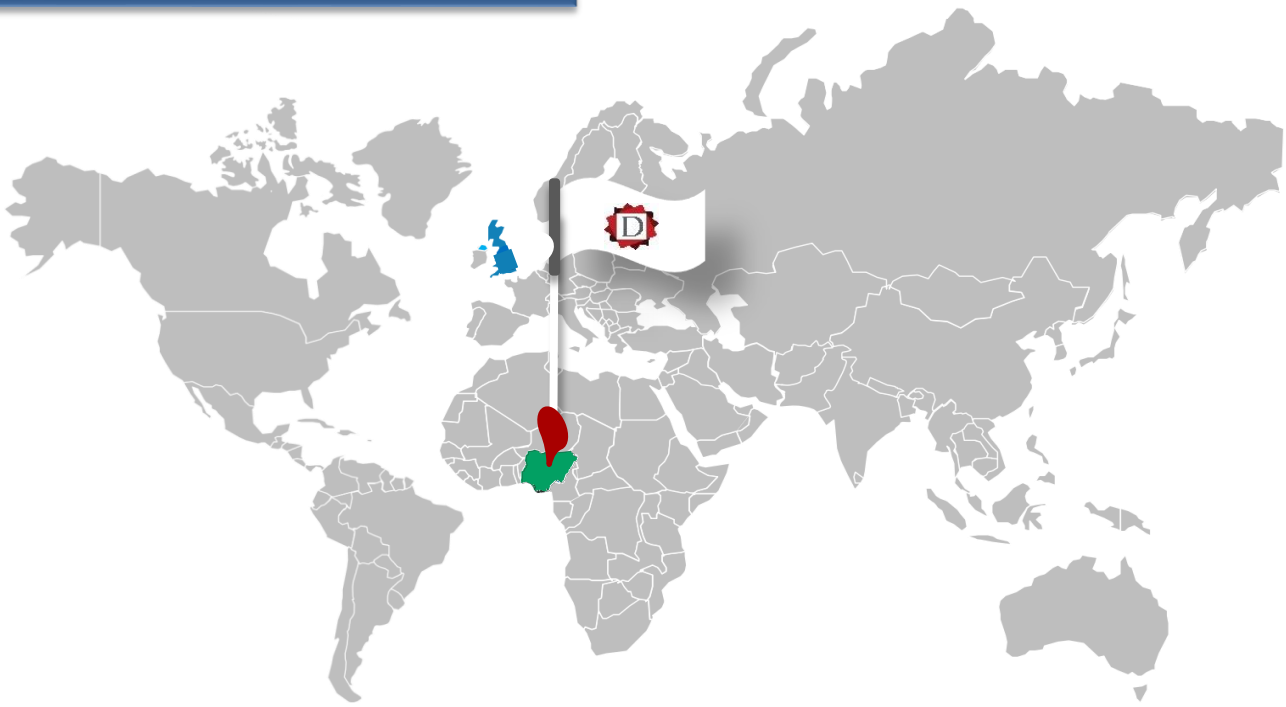
To be acknowledged by our clients, our people, and our shareholders, as the leading strategic partner in underwater-to-surface inspection.

VISION

It is our mission to offer our clients, industry, products and services that are fit for purpose and provide our partners a vehicle with which to support their clients.


Build Relationships
Deliver Results
Get the Job Done
OUR
CORE
VALUES
Integrity
Flexibility
Ownership
Passion

OUR LOCATIONS



LAGOS (HQ)

15 Jasper Ike Street,
Oniru-Layout,
Lekki,
Lagos, Nigeria.

PORT HARCOURT

1c IPIC Estate,
Akpajo,
Port Harcourt,
Rivers, Nigeria.

CERTIFICATIONS

CERTIFIED ISO 9001:2015 COMPANY

BUREAU VERITAS 1828

BUREAU VERITAS

EXECUTIVE SUMMARY



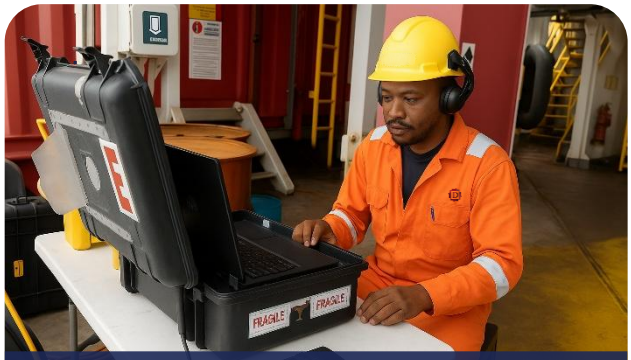
Dovaheights has a Proven track record in offshore asset inspection, including FPSOs, FSOs, and fixed platforms.

Dovaheights operates modern fleets of Mission Specialist Series (MSS) Remotely Operated Vehicles (ROVs).

Dovaheights boasts an impeccable Safety Record with zero fatalities and injuries throughout our history.

Dovaheights partners with International Oil Companies (IOCs), National Oil Companies (NOCs), and servicing companies.

OUR SERVICES



Underwater Inspection Services

Remotely Operated Vehicle (ROV) inspections.

Autonomous Underwater Vehicles (AUV) Inspections.

Underwater structural assessments.

Pipeline and asset integrity monitoring.



Subsea Leak Detection Services

Emergency detection in case of oil spill or hydrotest failure.

Inspection, Repair & Maintenance (IRM).

Acoustic Leak Detection Support.

Standby Acoustic Inspection During Pressure Testing And Pigging.



Advanced Filtration Services

Seawater filtration for oilfield applications.

Advanced water filtration systems for optimal performance.

Reliable automatic screen filters for efficient operation.

Self-cleaning filtration technology for reduced maintenance.



Procurement Services

Sourcing and supply of high-quality equipment.

Logistics and inventory management.

Vendor management and contract administration.

OUR SERVICES

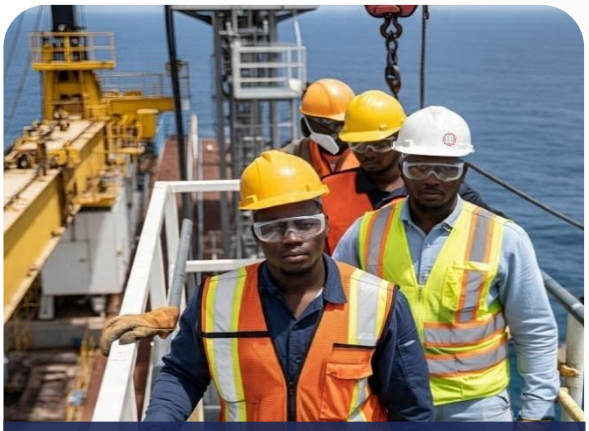


Third Party Inspection Services

Independent Inspection Of Oil And Gas Asset.

Compliance Verification And Certification Support.

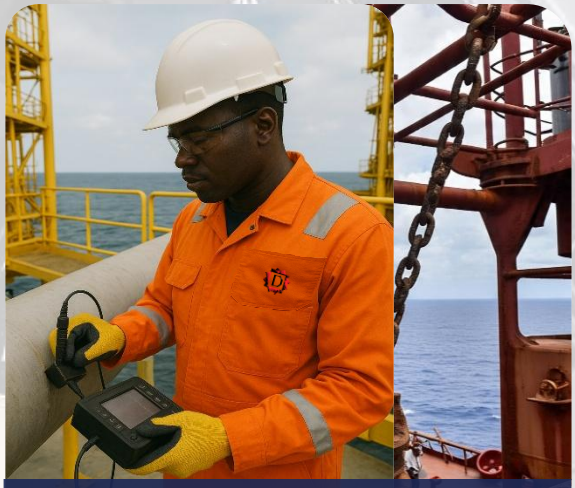
Risk Assessment And Failure Analysis.



Manpower Services

Provision of skilled Technical Personnel for Offshore Projects.

Contract Staffing and workforce Management.



Non-Destructive Testing (NDT) Services

Ultrasonic Thickness Measurement (UTM).

Eddy Current Testing.

Magnetic Particle Inspection.

UNDERWATER INSPECTION SERVICES



Dovaheights' underwater inspection utilize advanced ROVs and AUVs to conduct efficient inspections of offshore assets with expertise in navigating complex underwater environments, our team provides high-quality data to support informed decision-making and asset management.

Using the latest internationally recognized ROV classes, we offer our clients maximum flexibility and versatility. Through the strategic allocation of our subsea resources, we provide cost-effective and timely responses to our clients' offshore operations.

Services:

We provide efficient inspection services to fully accommodate client's needs, which can include:

- ✓ Underwater Inspection in Lieu of Dry Docking (UWILD)
- ✓ Sea Chest Inspections
- ✓ Platform Inspections
- ✓ Hull and Mooring Surveys
- ✓ Riser Surveys
- ✓ Full Internal Ballast Tank Inspection
- ✓ Emergency Response

At Dovaheights Energy Limited, we combine world-class ROV technology with local expertise to deliver safe, efficient, and reliable subsea inspection solutions. Our commitment is to help clients achieve operational excellence while minimizing downtime and costs.

Our Mini-ROVs

Mission Specialist DEFENDER



Mission Specialist PRO 5

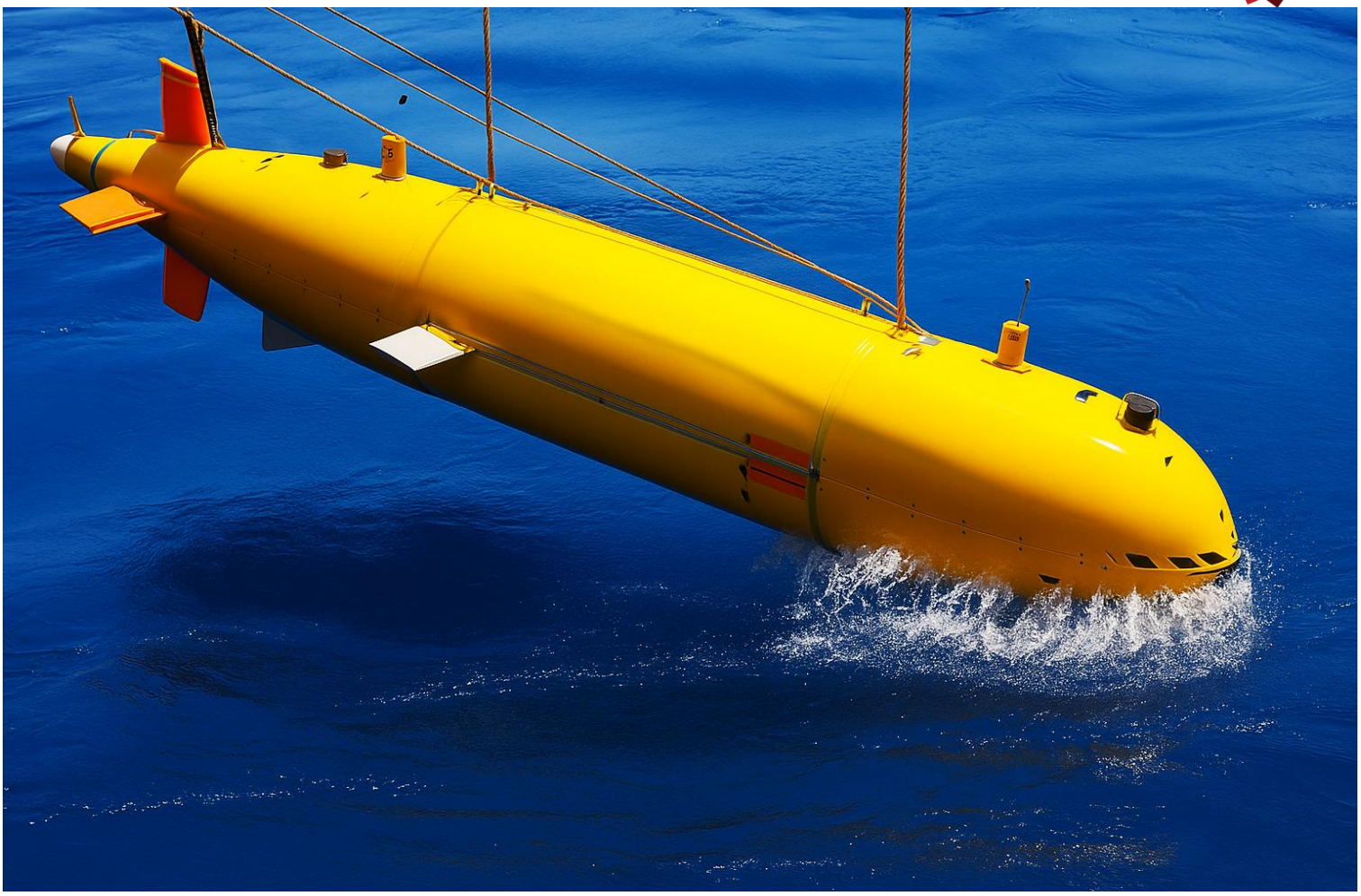


System Information	
• **Power Requirements**	110/220VAC (1 to 2.6kW)
• **Depth Rating**	Up to 1,000m (3280ft)
• **Weight in Air**	17.2kg (38lbs)
• **Total System Weight**	32.5kg (71.6lbs)
• **Communications Protocol**	RS -485 and Ethernet
• **Speed**	3 Knots (forward)
• **Bollard Pull**	23.5kg (52lbs)
• **Lift**	11.3kg (25lbs)
Cases	2 Watertight Rugged Hard Cases
• **Owner's Manual**	Online Digital
• **System Tool Kit**	Included





Subsea Robotics and AUV Capabilities



With the growing role of advanced subsea robotics in offshore inspection, maintenance, and survey operations, our expertise extends to the successful deployment of ROVs, and we maintain a forward-looking focus on AUVs as part of the evolving landscape of subsea inspection technologies.

By combining the proven versatility of Subsea Robotics with its emerging capabilities, Dovaheights is shaping the future of subsea operations. Our commitment to innovation ensures that clients benefit from smarter solutions that set new benchmarks in offshore inspections.

Subsea Robotics

Through our fleet of mini-ROVs and specialized tooling, we deliver precise, efficient, and cost-effective inspection and intervention services on fixed and floating offshore assets. Our robotics solutions are engineered to operate safely in challenging subsea environments, ensuring accuracy while minimizing downtime.

AUV Technology

With the industry's shift toward autonomous systems, Dovaheights is positioned to integrate AUV solutions for large-area seabed mapping, pipeline route surveys, and advanced digital data acquisition. These platforms complement ROV operations by providing extended endurance, greater coverage, and high-resolution geospatial data without the need for surface vessel tethering.





Elios 3

M350

Our Unmanned Aerial Vehicle (UAV) have capabilities for Tank Inspection satisfying Classification Society Requirements.

Dovaheights' UAVs are designed for **Rapid Visualization, data recording** and inspection of assets including (not limited to) Naval Crude Oil Tanks both offshore and onshore.

Our Drone Services Includes:

- Internal tank wall and floor visual inspection (no confined space entry required)
- Corrosion, cracking, and coating defect identification
- Roof and structural member condition assessment
- Thermal imaging for leak detection and insulation assessment
- 3D mapping and digital twin creation of tank interiors
- Post-repair verification and quality assurance
- Real-time video feed for remote inspection teams
- Gas detection and atmospheric monitoring (with optional sensors)

They feature high-resolution 4K data capture in real-time and playback mode, suitable for visual inspections and structural assessment.

These custom-built UAVs can provide aerial coverage even in hazard class 3 environments, helping to reduce the risk of operational downtime due to tank leaks.

LEAK DETECTION SERVICES



Leaks in oil, natural gas, LPG, gasoline, and other product pipelines can have far-reaching consequences - from environmental pollution and ecosystem damage to operational disruptions, safety hazards, asset losses, reputational harm, and significant financial setbacks.

Globally, the cost of remedying pipeline leaks continues to rise, placing a significant financial burden on pipeline owners. In partnership with CO.L.MAR, a renowned expert in inspection techniques**,** Dovaheights delivers cutting-edge solutions for subsea leak detection. Leveraging CO.L.MAR's advanced ALD technology and expertise, we provide prompt and reliable inspections, ensuring the integrity of subsea installations.

Our goal is To provide our clients with the world's fastest, most efficient, and most accurate system for detecting and locating leaks in their pipeline network"

The system detects leaks on:

- ✓ Pipelines
- ✓ Flanges
- ✓ Clamps
- ✓ Risers
- ✓ Pipe-in-pipe systems
- ✓ Wellheads, and more.

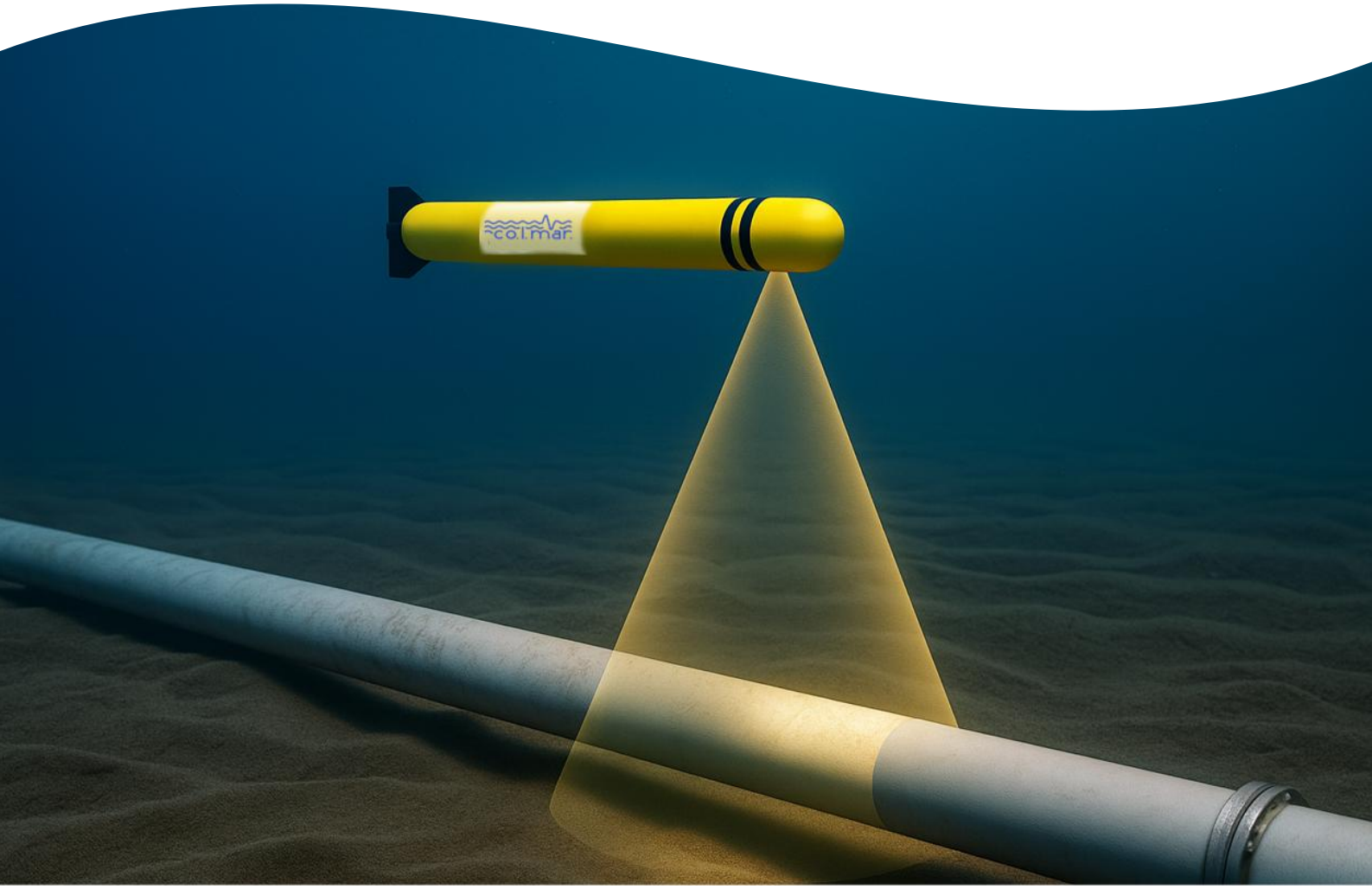
Through extensive field experience, we can confidently confirm that acoustics is the most reliable technique for detecting leaks, making it the most efficient underwater leak detection system. It allows operators to quickly pinpoint problems, minimize risks, avoid costly downtime, and protect both valuable assets and the environment.

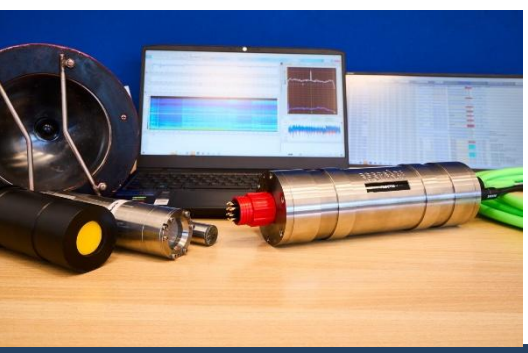
Acoustic Leak Detection (ALD®)

The ALD® system consists of:

- ✓ An underwater acoustic sensor
- ✓ A POD (underwater electronic unit)
- ✓ A transmission line Acoustic Leak Detection (ALD®)
- ✓ A receiving unit
- ✓ A PC-based processor
- ✓ Display software

Additionally, a specialized application of ALD® technology, known as "Stationary ALD®", has been developed to monitor subsea installations for leaks caused by any fluid (Gas, Hydraulic Oil, etc.).
In other words, our subsea leak detection and underwater leak monitoring solutions effectively support all activities related to surveying, analysis, and investigation.









Subsea Leak Detection Deployment Techniques



Towfish

The sensor is a towed body.
The transmission line is the towing line.



ROV Mounted

The Vehicle drives the sensor along the pipeline; data transmitted through the Mini-ROV umbilical.



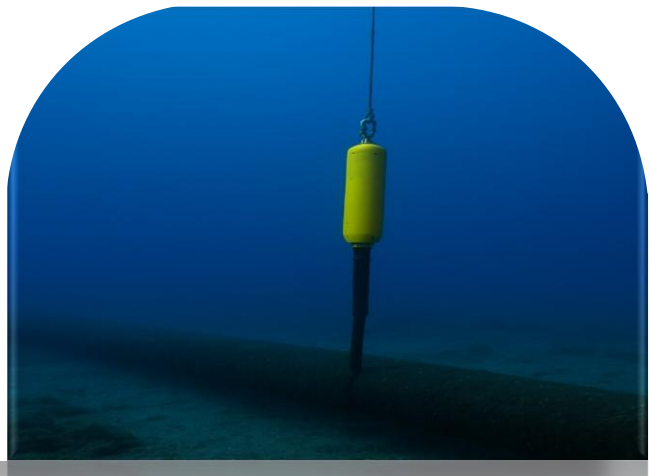
Diver Handheld

The sensor is hand held by the diver to check flanges or short pipe segment.



Stand Alone Version

Suitable For Integration Into any AUV for Low-cost integrity inspection at all Sea Line Asset.



Vertical Deployment

The sensor is lowered vertically from a vessel, using ballasts or weights to maintain position above or near the structure

MANPOWER SERVICES

Dovaheights provides reliable and competent manpower to support offshore and onshore oil & gas operations. Our workforce is certified to international standards, ensuring safe and efficient project delivery while meeting Nigerian Content requirements.

We provide certified and experienced personnel across engineering and project support, as well as onshore and offshore technical operations. From subsea inspection, maintenance, and HSE management, our manpower ensures safe, efficient, and compliant project execution in the oil and gas sector.

Our Strengths

- ✓ Certified workforce
- ✓ Rapid mobilization and flexible deployment
- ✓ Strong focus on safety and operational excellence
- ✓ Committed to Local Content Development

Onshore Technical & Support Personnel

- ✓ Operators & Maintenance Personnel
- ✓ Fabrication & Welding Personnel
- ✓ Logistics & Supply Chain Personnel
- ✓ Administrative and Finance Support Staff



NDT INSPECTION SERVICES

Dovaheights offer a range of specialized Non-Destructive Testing (NDT) solutions designed to optimize oilfield assets by detecting defects, ensuring process reliability, and maintaining compliance with international standards.

Our extensive experience in inspection projects, combined with access to advanced NDT technologies, ensures that our clients receive the best solutions for any job, no matter how demanding the task may be.

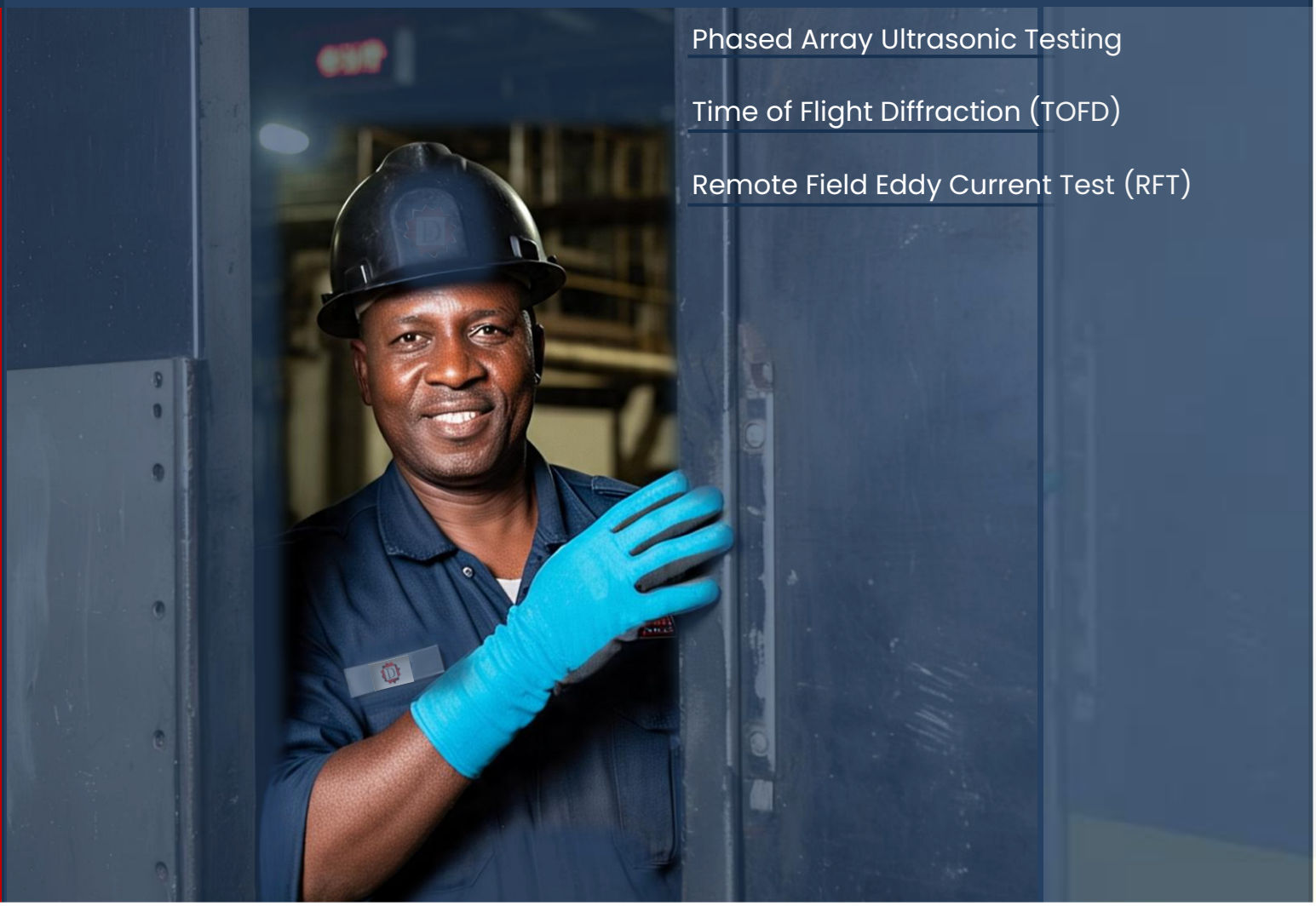
As a result, we provide accurate and valuable data, enabling you to make informed asset management decisions with confidence.

Conventional NDT Services

- Ultrasonic Testing
- Eddy Current Testing
- Magnetic Particle Inspection (MPI)
- Visual Inspection

Advanced NDT Services

- Digital Radiography
- Alternating Current Field Measurement
- Magnetic Flux Leakage (MFL)
- Pulsed Eddy Current Test
- Phased Array Ultrasonic Testing
- Time of Flight Diffraction (TOFD)
- Remote Field Eddy Current Test (RFT)



Why Choose NDT from Dovaheights?



Our (NDT) services provide comprehensive or sample examinations of your assets using well-structured procedures and highly trained, certified NDT inspectors.

We offer the most effective NDT methods to assess the integrity of your equipment and assets.

Our comprehensive range of NDT techniques helps you:

- Monitor asset integrity using intrusive or non-intrusive methods.
- Detect defects and irregularities before they lead to severe damage or non-compliance.
- Save time and costs through fast, efficient testing at every stage of an asset's lifespan—from manufacturing to on-site operation.
- Ensure the safe and reliable operation of your facility.

FILTRATION SYSTEM SOLUTION

At Dovaheights, we understand the critical role of water in energy, and community development. In partnership with Aqua-Chem, Inc., a world leader in water purification technologies, we deliver reliable, efficient, and sustainable filtration systems to meet the diverse needs of clients.

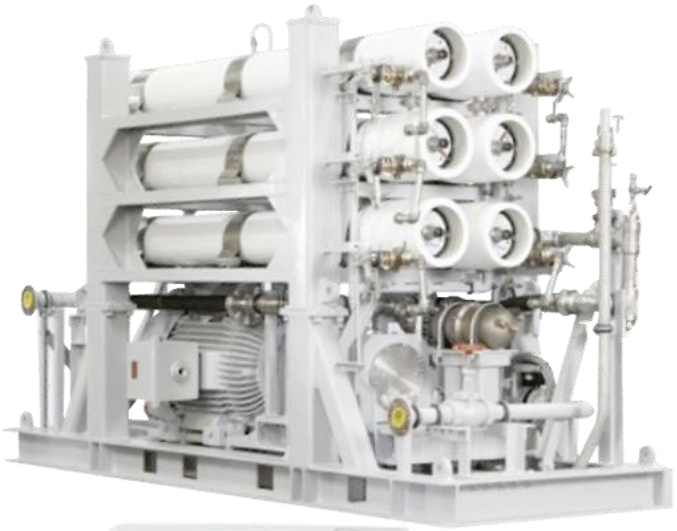
Delivery

From project conception to long-term operation, we deliver end-to-end support. We begin with water quality analysis and system design, proceed with professional installation and commissioning, and continue with maintenance, spare parts, and operator training. This lifecycle approach ensures efficiency, reliability, and regulatory compliance.

Our Solutions

We provide complete water treatment systems that cover every stage of purification.

REVERSE OSMOSIS



Compact and efficient technology for producing clean water from seawater or brackish sources.

Reverse Osmosis Series

- ACS3 Series
- ACT3 Series
- ACX1 Series
- ACX2 Series
- ACX3 Series

VAPOR COMPRESSION



An energy-efficient distillation technology that uses mechanical compression to recycle heat and produce high-purity water.

Vapor Compression Series

- SR Series
- SV Series
- Seawater Plate Distillers

PROCUREMENT SERVICES

Dovaheights Energy Limited is strategically positioned to provide technical procurement for a wide range of equipment. Our expertise is reinforced by a team of highly qualified technical personnel and a joint venture with reputable Original Equipment Manufacturers (OEMs) abroad. Through this synergy, we guarantee our clients access to genuine products and reliable after sales support.

Our Specialties

We specialize in the procurement of:

- Casing & Tubing
- Line Pipes
- Drill Pipes
- Flanges
- Valves
- Tees
- Pumps and compressors
- Process Equipment
- Machinery & Spares

Whether you need inventory or project-related items, we guarantee efficient service, premium products at competitive rates, and timely delivery to meet your requirements.

Our world-class procurement services are backed by advanced it systems, experienced supply chain and logistics personnel.









THIRD-PARTY INSPECTION SERVICES

Dovaheights offers industrial third-party inspection services on behalf of purchasing customers, ensuring quality, compliance, and reliability in every project.
With years of expertise in engineering, design, and construction management, our deep understanding of technical standards and regulatory compliance allows us to deliver accurate and effective inspections.

Our approach guarantees tangible results, minimizing risks and ensuring that all inspected components meet the highest industry standards.

Compliance

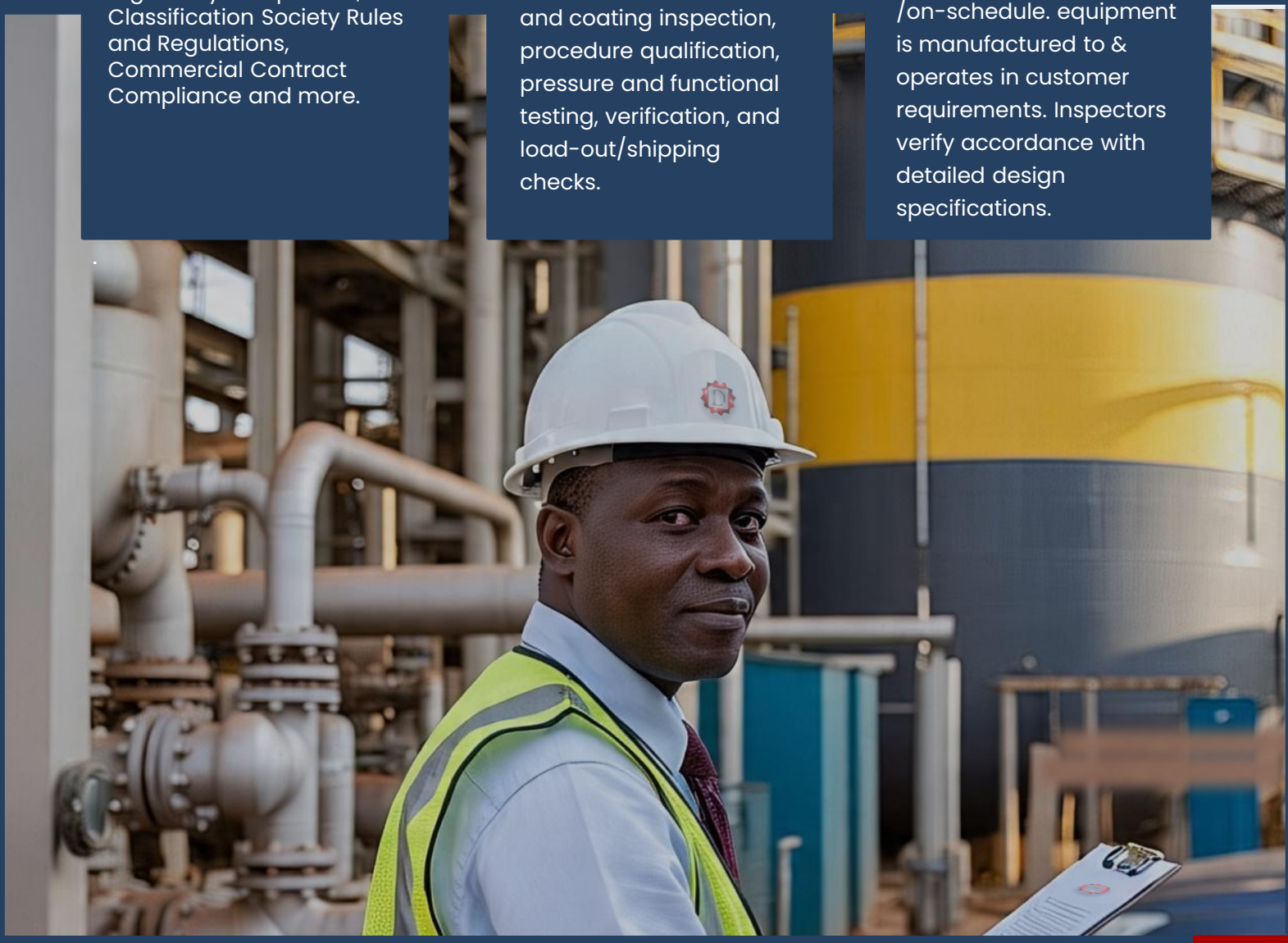
We monitor Specification and Code Compliance, Cost/ Schedule Compliance, Government & International regulatory compliance, Classification Society Rules and Regulations, Commercial Contract Compliance and more.

Vendor Surveillance Inspections

Surveillance & inspection services include material and equipment testing, weld and coating inspection, procedure qualification, pressure and functional testing, verification, and load-out/shipping checks.

Factory Acceptance Testing (FAT)

Dovaheights inspectors attend & coordinate FAT activities to ensure the FAT is completed satisfactorily /on-schedule. equipment is manufactured to & operates in customer requirements. Inspectors verify accordance with detailed design specifications.



OUR VALUED CLIENTS

TotalEnergies
Chevron
ExxonMobil
Shell
Seplat Energy
LES Les Energy Services Limited
WAV West African Ventures
YINSON
VALARIS
SPIE
PACE OIL & GAS LTD
Kaztec OIL & GAS SOLUTIONS
TechnipFMC
RUSSELSMITH

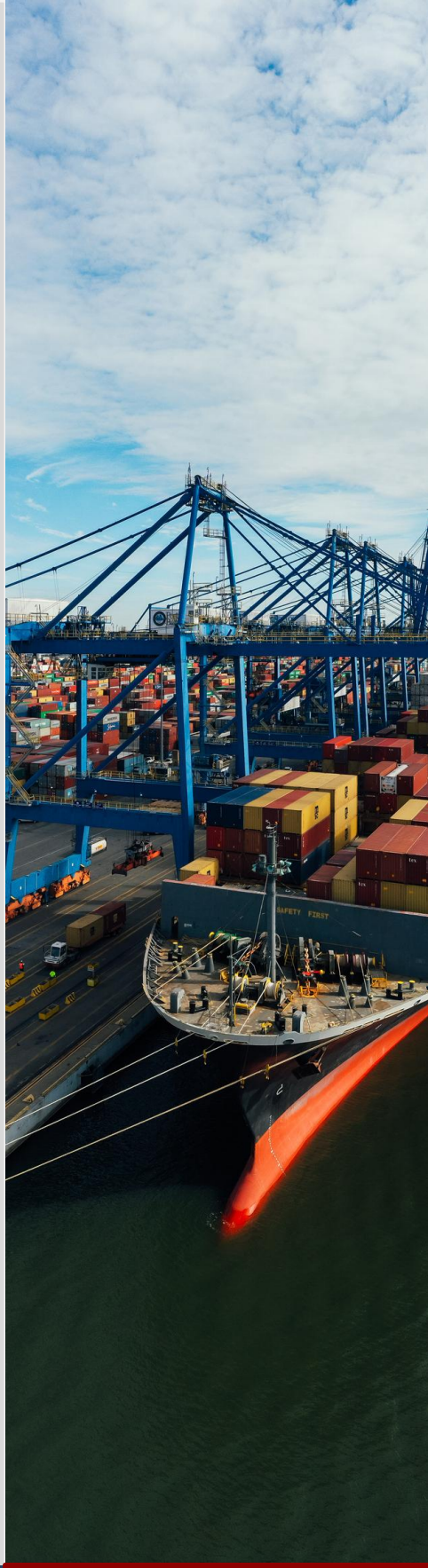
Our Technical Partner

PROCEANIC

Our OEMS

VideoRay
aqua-chem
BARDEX CORPORATION
co.l.mar.

www.dovaheights.com



Dovaheights Energy Limited

+234 (0) 8100688978

sales@dovaheights.com
consulting@dovaheights.com

15 Jasper Ike Street,
Oniru-Layout, Lekki , Lagos,
Nigeria.