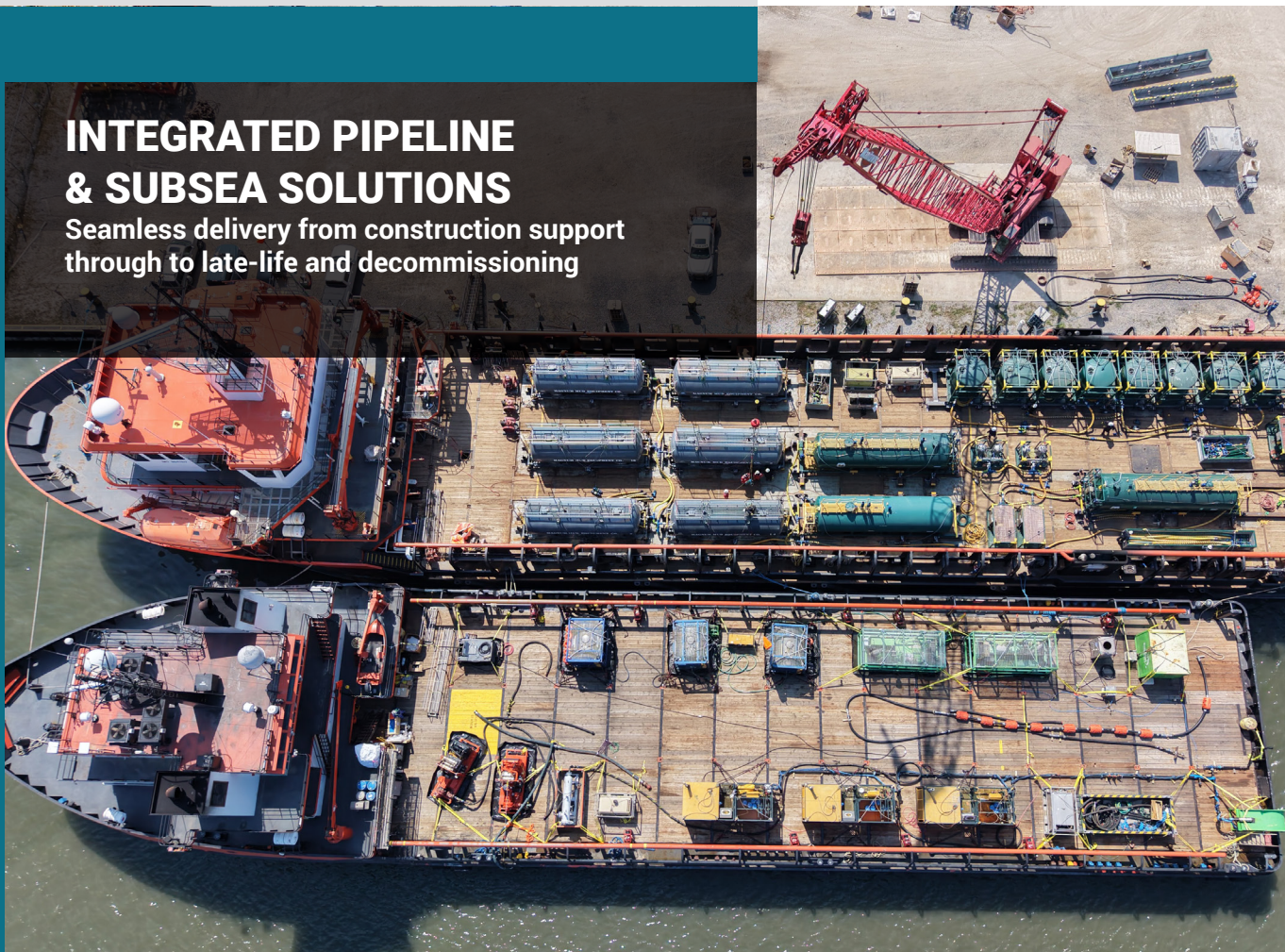


YOUR LOCAL PIPELINE & SUBSEA PARTNER



INTEGRATED PIPELINE & SUBSEA SOLUTIONS

Seamless delivery from construction support
through to late-life and decommissioning





From construction to installation and hook-up, our extensive global presence ensures consistent service delivery worldwide.

We provide ongoing support throughout your asset's life-cycle, applying a standardized approach to service delivery that maximizes uptime and minimizes operational risk.

95%

LOCAL CONTENT
across the business in Africa, Caribbean, South America, Caspian, and SE Asia.

26

OPERATING FACILITIES & OFFICES
to provide local service delivery wherever there are global energy hubs.

56

COUNTRIES
where we have successfully executed projects.

SME

GLOBAL COMMUNITY
of subject matter experts.

WHY ENERMECH IS YOUR PARTNER OF CHOICE

1.

WE ARE SPECIALISTS

We deliver and self-perform a broad range of specialist services discretely, bundled, or fully integrated to maximize efficiency, safety, and value.

2.

WE ARE TRUSTED

We combine decades of expertise, advanced technology, and equipment to deliver projects safely, reliably, and consistently worldwide.

3.

WE ARE GLOBAL

We operate in major energy hubs, blending local insight with global reach to deliver integrated solutions wherever customers need us.

4.

WE ARE SOLUTIONS-ORIENTED

We share lessons, adopt best practices, and innovate – refining processes to exceed expectations with efficient, forward-thinking solutions every time.

5.

WE ARE KNOWLEDGEABLE

We leverage technical capability and global scale to deliver across the full asset life-cycle – optimizing safety, performance, and value.

WHERE EXPERTISE MEETS INNOVATION ON A GLOBAL SCALE

At EnerMech, we take pride in leading the way in pipeline and subsea solutions. Our team of experts utilizes innovative technologies and practices to offer a comprehensive suite of pipeline and subsea services.



From onshore pipelines to deepwater projects, we provide integrated solutions across all asset life cycle stages – construction support, pre-commissioning, completions, ongoing maintenance, and decommissioning. Our goal is to deliver tailored solutions worldwide.

Collaboration, attentive listening, and cost-effective turnkey solutions define our approach. What sets us apart is our commitment to providing a range of innovative technologies that match your specific needs. Whether adapting existing technologies or developing new ones, we work closely with you to determine the optimal solution for your project requirements.

Our dedicated teams, including project management, engineering, and multi-disciplined field personnel, ensure a seamless and efficient process, minimizing interfaces and enhancing project delivery.

At EnerMech, safety and quality are non-negotiable. With our right-first-time mindset, we offer a partnership that blends industry-leading expertise, innovative solutions, and an unwavering commitment to safety and quality.

Your success is our top priority, regardless of the complexity or location of your pipeline or subsea project.

Integrated Service Offering

- Project management and engineering
- Pre-commissioning and commissioning
- Conventional flooding, pigging, gauging, cleaning, and testing
- Subsea remote pigging, flushing and testing
- Chemical injection and pumping services
- Pipeline dewatering, conditioning, and drying
- Nitrogen packing and pressure equalisation
- Conventional umbilical pre-commissioning services including electrical and fiber optic testing
- Remote subsea testing of umbilicals, both hydraulic and electrical
- Riser annulus testing
- Pipeline decommissioning

EMPOWERED EXPERTS INNOVATIVE SOLUTIONS

Leveraging our deep industry expertise, EnerMech's skilled pipeline and umbilical team provides cost-effective, innovative, and turnkey solutions.

PIPELINE PRE-COMMISSIONING AND COMMISSIONING

EnerMech offers a comprehensive suite of pipeline pre-commissioning and commissioning services, seamlessly managed by a dedicated project management team. Our empowered teams utilize innovative equipment and technologies for the safe and timely delivery of both onshore and offshore pipeline projects, regardless of size.

- Water winning
- Pipeline flooding, gauging, and cleaning
- Hydrostatic and pneumatic testing
- Leak testing
- Dewatering
- Air drying
- Air cleaning and drying
- Nitrogen drying
- Chemical conditioning
- Vacuum drying
- Baseline ILI survey
- Nitrogen packing
- Subsea leak detection
- Turnkey pre-commissioning vessel support

PIPELINE MAINTENANCE

Ensuring the optimal performance of pipelines is critical for your asset. Maintaining a clean pipeline is key to maximizing flow rates, enhancing asset longevity, improving reliability and safety, and reducing overall risk. Our diverse range of maintenance solutions addresses common challenges, including:

- Subsea pumping of hydrate inhibitors and production chemicals
- Pipeline cleaning using chemical, gel, or mechanical methods
- Revalidation testing employing water, air, or nitrogen
- Custom pumping and nitrogen solutions for propelling ILI tools in low-flow or low-pressure situations
- Revalidation testing employing water, air, or nitrogen
- Purging pipelines before repair or modification
- Pig tracking

UMBILICALS AND FIBER OPTICS

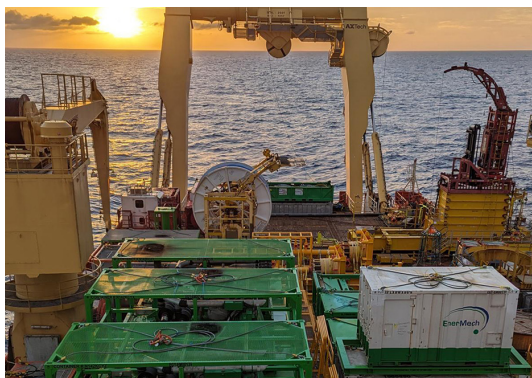
EnerMech's seasoned team, using our specialized equipment fleet, offers comprehensive support in hydraulic, electrical, and fiber optic testing, wireless monitoring, and umbilical cleanliness management and flushing.

- FAT testing per client requirements
- SIT testing tailored to client specifications, with the provision of a temporary HPU
- Load-out monitoring
- Post load-out testing
- Transit and installation monitoring
- Post installation/hook-up testing
- Fluid change out/displacement
- Fluid management
- Specification and build of topside systems

LATE-LIFE PIPELINE SUPPORT AND DECOMMISSIONING

We understand the importance of extending the life of your assets. Our expert team collaborates to manage your assets throughout their life cycle, enhance efficiency in late life, and, when the time comes, prepare for production cessation. Services during late life or decommissioning encompass:

- Subsea pumping of hydrate inhibitors and production chemicals
- Pipeline cleaning using chemical, gel, or mechanical methods
- Custom pumping/nitrogen solutions for propelling ILI tools in low-flow/low-pressure situations
- Revalidation testing using water, air, or nitrogen
- Purging of pipelines prior to abandonment
- Pipeline decommissioning
- In the decommissioning phase, we offer the capability to flush and clean pipelines for in-situ abandonment or removal.

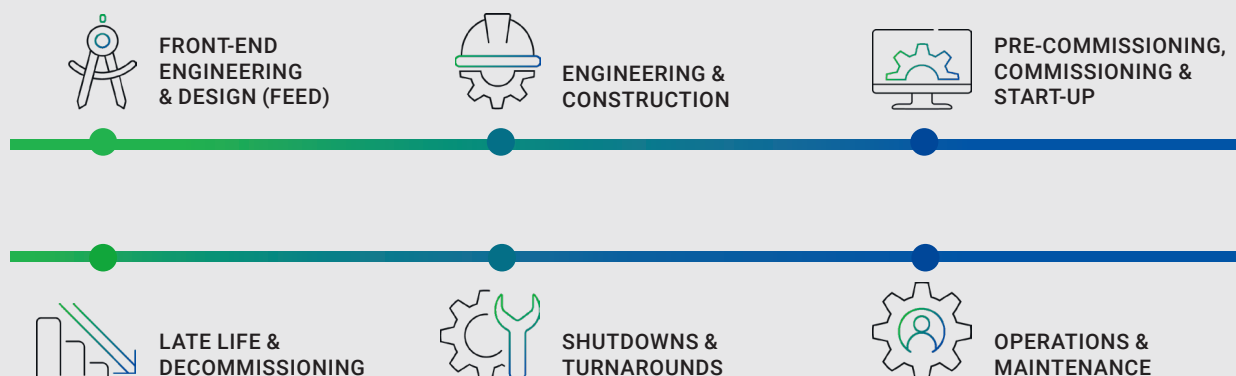


SERVICE EXCELLENCE AND CONTINUOUS IMPROVEMENT

At the foundation of our operations lies an unwavering commitment to service excellence and continual improvement. We achieve sustained service excellence by fostering an environment of continuous transformation, engaging the hearts and minds of our team members. Through this ongoing commitment to improvement, we cultivate a workforce of highly engaged individuals who not only deeply understand your unique needs, but also consistently deliver superior performance.

This approach ensures that our services are not only exceptional but continually evolving to exceed your expectations.

DELIVERING ACROSS THE ASSET LIFE-CYCLE



UNDERSTANDING THROUGH EXPERIENCE. DELIVERING THROUGH INNOVATION.

EnerMech's pre-commissioning subsea technologies consistently deliver remarkable cost savings exceeding 50% on both equipment and personnel. Compared to traditional vessel-based approaches, our innovative solutions also significantly reduce vessel schedule days.

Over the past decade, we've pioneered a suite of subsea equipment tailored for operations in water depths ranging from 20m to 3,000m. Our industry-leading technologies have been deployed successfully, making a significant impact on more than 120 projects worldwide. Experience efficiency and savings with EnerMech's proven subsea solutions.

Key Benefits



Cost reduction



Schedule reduction & flexibility



Reduced vessel POB



Reduced deck space requirements



Less environmental impact



Option to deploy small vessels



Reduced potential weather risks



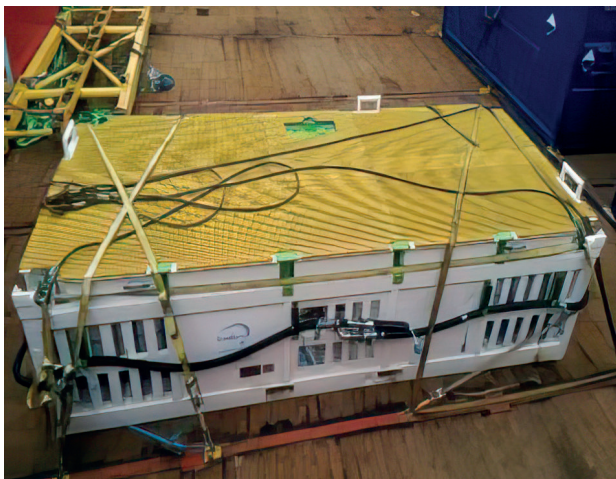
Remote subsea collection

REMOTE FLOODING CONSOLE

Our Remote Flooding Console (RFC) operates by utilizing natural hydrostatic seawater pressure to fill and pig subsea pipelines. It incorporates technology and hydraulically powered subsea boost pumps, effectively avoiding differential pressure.

Key features of the RFC include no down-line requirement, the ability to deploy and recover with smaller vessels, complete ROV compatibility, reduced crewing needs, a smaller deck space footprint, and a quicker thermal stabilization time for hydro-testing. The vessel can also be used for other tasks while the RFC is in operation.

Working seamlessly with the RFC, the Optical Link (OL) facilitates real-time data and historical data upload from the Subsea Test Pump and Manifold (STPM) to a nearby ROV without the need for a hard connection. This integrated system enhances the efficiency and effectiveness of subsea operations.



TAILORED SUBSEA FLOODING SOLUTIONS

We understand that different situations need different solutions, and one size doesn't fit all. This is why we engineered the RFC to be scalable, and produced variations such as the RFC Lite and the RFC Ultra Lite (RFC UL) to ensure that we had a solution suitable for all of our clients' needs.

Our tailored subsea flooding solutions are ideal for deep and shallow projects, be it flooding during lay, flushing, and fluids collection and treatment.

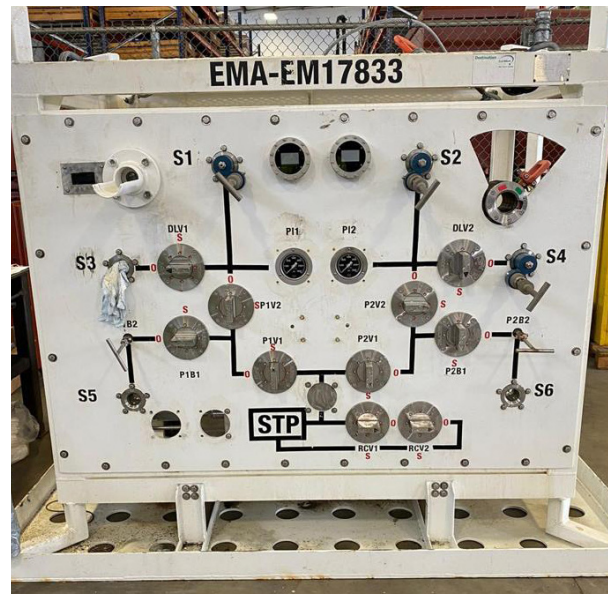
The RFC Lite provides all of the filtration and dosing benefits but without the integrated boost pump and instrumentation package, which makes it ideal for pipe lay. The RFC UL was created for chemical dosing during lay down of the initiation heads where buoyancy issues are present and require immediate flooding during lay.

SUBSEA TEST PUMP AND MANIFOLD (STPM)

The STPM uses the ROV's hydraulic power to run the onboard pump and perform pipeline and umbilical hydro or leak testing without the use of downlines, as well as recording and monitoring multiple tests utilizing its onboard data systems. We have recently improved the ROV functionality of our subsea units.

The STPM's ability to hold and depressurize subsea without the need for a downline allows the pipeline and umbilical to be tested without the vessel, which means the vessel availability and flexibility is increased significantly for other tasks as the manifold continuously logs.

Chemicals can be stored on board for pressurisation fluid treatment, and all fluid entering the system is guaranteed to be filtered to 50 micron. Optical Link (OL) also works hand in hand with the STPM, providing real-time data and historical data upload from the STPM to a nearby ROV without a hard connection, eliminating the need for vessel time as there no need to retrieve the manifold during operations.



SUBSEA STORAGE/COLLECTION TANK

Our team holds a record of accomplishment in the design and build of unique solutions for subsea storage and collection tanks to suit specific client requirements.

As an example, we have provided a bespoke subsea bladder collection tank with the ability to collect 10 different chemicals with varying toxicities that is capable of holding up to 25,000 liters and to operate at 1,200m water depth preventing any chemical discharges. Similarly, we worked in partnership with a client to provide a subsea chemical basket.

This particular basket featured a MEG bladder to supply the MEG to our RFC and STPM which allowed for a MEG flush and tests of subsea structures at a depth of 1,500m. This unit allows us to safely deploy fluid volumes in excess of 20,000 liters entirely subsea.

These technologies can be used in combination or individually to suit specific requirements. They can also be utilized on a full project or alongside your existing contractor which will deliver efficiencies immediately.

PROJECT COMPARISON

BEFORE

Typical vessel-based pigging and testing spread



8-Person team

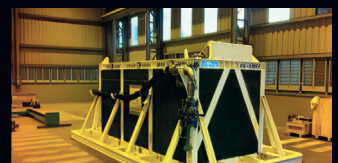
Deck Space
300m²

Typical vessel-based pressure testing spread



AFTER

Subsea pigging and testing (RFC)



4-Person team

Deck Space
50m²

Subsea pressure testing and monitoring (STPM)



CASE STUDIES

SUBSEA PIPELINE & UMBILICAL TESTING – PAYARA EPC3

INTEGRATED EQUIPMENT AND ENGINEERING EXPERTISE SUPPORTING ULTRA-DEEPWATER DEVELOPMENT

EnerMech delivered subsea and pipeline pre-commissioning services for the Payara EPC3 development offshore Guyana, supporting Saipem in ultra-deepwater conditions. The scope covered flooding, hydrotesting, and umbilical testing, supported by integrated equipment and engineering capability to enable safe, efficient system validation across production, water, and gas injection infrastructure.



SCOPE OF WORK

- Project management and engineering of pre-commissioning services
- Subsea flooding of pipelines and systems
- Hydrotesting of subsea pipelines and associated infrastructure
- Umbilical testing and monitoring
- Nitrogen dewatering of pipelines and systems

EQUIPMENT USED

- EnerMech remote flooding console (RFC and RFC-UL)
- EnerMech/Pipeline Innovations calliper pig
- EnerMech subsea hydrotest manifold and subsea test pump
- Nitrogen membrane units, compressors and air boosters

KEY HIGHLIGHTS

- Delivered pre-commissioning support in ultra-deepwater (1,900–2,120m) conditions projects in Guyana
- Strong collaboration with Saipem ensuring integrated and adaptive project delivery
- Leveraged transferable engineering expertise from global subsea campaigns
- Utilized integrated services model to maintain efficiency and interface control across scopes

BEGONIA DEVELOPMENT – SUBSEA PRE-COMMISSIONING

DELIVERING DEEPWATER FLOWLINE AND UMBILICAL TESTING OFFSHORE ANGOLA THROUGH INTEGRATED SUBSEA CAPABILITY

Flowline and umbilical pre-commissioning activities on the Begonia field offshore Angola required a fully integrated subsea testing approach. EnerMech deployed specialist equipment and experienced personnel to execute flooding, cleaning, gauging, and validation safely and efficiently in deepwater conditions.



SCOPE OF WORK

- Pre-flooding, flood, clean, gauge and caliper survey of 8" water injection flowline
- Flood, clean, gauge and caliper survey of 10" production flowline
- Hydrotesting and leak testing of both production and injection flowlines
- Post load-out, installation, pre-abandonment, backbone and network testing of umbilicals
- Electrical testing (CR & IR) and pressure testing of hydraulic and chemical cores

EQUIPMENT USED

- Subsea Umbilical Test Pump & Manifold (SUTPM)
- C-Kore umbilical electrical testing tool
- Subsea chemical basket
- Specialist pre-commissioning spread for flooding, cleaning, gauging, and hydrotesting
- ROV-deployed subsea testing systems

KEY HIGHLIGHTS

- Executed full subsea testing campaign without recovering components to surface
- Delivered operations in deepwater conditions (400–775m) with high-pressure testing up to ~800 barg
- Achieved safe, efficient delivery within planned execution window
- Demonstrated specialist deepwater umbilical testing capability and strengthened client partnership

HOOVER-DIANA – INTEGRATED DEEPWATER DECOMMISSIONING

REDUCING COMPLEXITY THROUGH SINGLE-SOURCE DELIVERY IN THE GULF OF MEXICO

A complex deepwater decommissioning campaign at ExxonMobil's Hoover-Diana asset required fully integrated execution across multiple service lines. EnerMech delivered flowline decommissioning in a highly regulated Gulf of Mexico environment, coordinating offshore activities to minimize interfaces, optimize delivery, and achieve safe, controlled end-of-life asset removal.



SCOPE OF WORK

- Pipeline pigging and flushing
- Umbilical cleaning
- Nitrogen purging
- Coiled tubing operations
- Chemical cleaning
- Filtration
- Pressure pumping

DELIVERY APPROACH

- Close partnering with client to engineer a custom methodology for the decommissioning campaign
- US-based teams ensuring rapid response and deep familiarity with Gulf of Mexico regulations.
- Tailored sequencing enabling multiple scopes to run in parallel, cutting project time.
- Integrated planning drawing on global experience and regional expertise

KEY HIGHLIGHTS

- Delivered in a complex, deepwater Gulf of Mexico environment with stringent regulatory requirements
- Completed safely with zero incidents and full environmental compliance
- Achieved all milestones on time and within budget
- Established a scalable, repeatable model for future deepwater decommissioning campaigns

TAMAR AND LEVIATHAN – DEEPWATER PIPELINE PRE-COMMISSIONING

INTEGRATED FCGH, INSPECTION AND DEWATERING IN THE EASTERN MEDITERRANEAN

A complex deepwater pre-commissioning campaign in the Eastern Mediterranean required integrated flooding, cleaning, gauging, inspection, and dewatering of dual export pipelines. EnerMech deployed high-capacity nitrogen systems and coordinated multiple subsea services to enable safe, efficient conditioning and validation of long-distance gas export infrastructure in a challenging offshore environment.



SCOPE OF WORK

- Pre-flooding, flooding, cleaning, and gauging (FCGH) of pipelines
- In-line inspection (ILI) using 20" ART-Scan tool
- Hydrotesting of pipelines
- Pipeline dewatering using nitrogen and MEG injection
- Subsea leak testing of jumpers and spools
- Umbilical hydraulic and electrical testing

DELIVERY METHODOLOGY

- Subsea integrated multi-service execution across pipeline and subsea scopes
- Deployment of high-capacity nitrogen membrane spread for deepwater operations
- Use of pigging trains and controlled injection methods for cleaning and dewatering
- Coordination of multiple mobilizations and offshore work fronts
- Centralized project execution with experienced offshore personnel and technical teams

KEY HIGHLIGHTS

- Executed at approximately **1,500 m water depth**, representing a major deepwater milestone
- Pre-commissioned **2 x 20" gas export pipelines (~150 km each)**
- Deployed **12,000 SCFM nitrogen spread**
- Delivered complex multi-scope campaign

MARKET- LEADING EQUIPMENT



Equipment isn't just part of the solution, it's the backbone of performance. We invest in advanced, high-spec assets that deliver reliability, safety, and efficiency across every phase of the energy and infrastructure life-cycle.

Our global fleet is engineered for versatility and precision, supporting everything from lifting and pipeline operations to fluid power and process systems. Every piece of equipment is maintained to the highest standards and backed by expert teams who ensure optimal performance on site.

EQUIPMENT READINESS

Readiness isn't optional – it's guaranteed. We own and maintain specialized equipment, including high-pressure pumps, advanced filtration units, and nitrogen spreads dedicated to critical scopes. Every asset is rigorously inspected, certified, and prepared for deployment.

WHY IT MATTERS

By integrating our supply chain and project teams early, we minimize risk, compress timelines, and deliver seamless execution. This proactive approach ensures critical equipment arrives on time, every time – keeping your operations moving without compromise.

OUR INVESTMENT PROMISE

- **Continuous Renewal:** Ongoing investment in modern, high-spec equipment.
- **Global Availability:** Strategically positioned assets for rapid mobilization.
- **Quality Assured:** Maintenance programs that guarantee compliance and reliability.
- **Customer-Centric:** Equipment tailored to project needs for maximum efficiency.

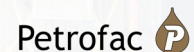
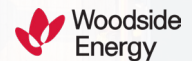


A TRUSTED PARTNER

You need a partner you can rely on, which is why we pride ourselves on our excellent customer service.

In fact, we have a track record of long-term partnerships – testament to our unwavering commitment to every customer. We don't just promise results. We deliver them safely and effectively – every time.

ExxonMobil





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