

CASE STUDY

SEADRILL WEST TELLUS

Multi-Scope Equipment Overhaul & Replacement

Performed by: Loadmaster Industries, LLC | Broussard, Louisiana

Client: Seadrill | Vessel: West Tellus | Feb 28 - Apr 30, 2026

EXECUTIVE SUMMARY

Loadmaster Industries, LLC (LMI) was contracted by Seadrill to perform a comprehensive multi-scope overhaul and replacement campaign aboard the West Tellus drillship during its out-of-service phase at the shipyard. Spanning approximately 60 days of continuous operations from February 28 to April 30, 2026, the project encompassed Mud Pump Overhauls, Riser Catwalk Overhaul, Pipe Catwalk Overhaul, and Vacuum Degasser Replacement — all executed in parallel within a compressed timeline.

This case study demonstrates LMI's proven capability to coordinate complex, multi-discipline equipment scopes simultaneously — deploying a multi-skilled local team, responsive supplier network, and global technical expertise to deliver safely, on schedule, and on budget.

PROJECT OVERVIEW

Equipment	Mud Pumps, Riser Catwalk, Pipe Catwalk, Vacuum Degasser
Service Type	Multi-Scope Overhaul, Repair & Replacement
Client	Seadrill
Vessel	West Tellus
Facility	Shipyard — Out-of-Service Phase
Project Duration	February 28, 2026 – April 30, 2026 (~60 Days)
LMI Entity	Loadmaster Industries Brazil — First Local Entity Execution
LMI Contact	Fabiana Teixeira, General Manager — LMI Brazil

SCOPE OF SERVICES PROVIDED

Upon mobilization to the West Tellus at the shipyard, LMI's multi-skilled team executed the following primary service scopes in parallel, within a strict ~60-day operational window:

- Mud Pumps Overhaul — Complete disassembly, inspection, rebuild and function testing of mud pumps
- Riser Catwalk Overhaul — Structural inspection, repair, component replacement and reassembly
- Pipe Catwalk Overhaul — Full overhaul including mechanical inspection, repairs and system testing
- Vacuum Degasser Replacement — Removal of existing unit, supply and installation of replacement unit

CLIENT CHALLENGES & PROJECT CONTEXT

Seadrill faced a highly complex operational scenario during the out-of-service phase of the West Tellus. Multiple critical scopes running in parallel created significant coordination and execution demands. Key challenges included:

- **Safety as a top priority:** Ensuring consistent HSE standards across different scopes, teams, and shifts was critical, given the heavy lifting, rigging, and mechanical activities involved.
- **Strict time constraints:**
no impact to the overall project schedule.
- **High operational complexity:** Managing a large number of personnel and multiple contractors across different disciplines simultaneously required strong coordination and adaptability.
- **Procurement & logistics constraints:**
several concurrent activities on the unit.
- **Limited supplier flexibility:** Traditional vendors were unable to respond quickly to emergent demands or adapt to scope changes, creating risks to schedule continuity.
- **Fragmented service delivery:**
it difficult to manage scope interfaces efficiently.

GOALS SEADRILL WAS TRYING TO ACHIEVE

- Deliver all scopes safely, within the planned timeframe, and without operational delays.
- Ensure high-quality execution across all workstreams, minimizing rework and inefficiencies.
- Improve coordination between different scopes and contractors onboard.
- Increase flexibility and responsiveness to handle unexpected challenges or scope changes.

LMI SOLUTION & APPROACH

LMI offered a differentiated approach centered on flexibility, responsiveness, and accountability. Our capability to mobilize a multi-skilled team — supported by both local infrastructure and global expertise — provided Seadrill with confidence that we could manage multiple scopes efficiently within a constrained and high-pressure environment.

Key Strategies & Solutions Implemented:

- **Multi-skilled local team:** We built a locally based team with a wide range of skills and disciplines, enabling dynamic reallocation of personnel across scopes as priorities evolved onboard.
- **Adaptive workforce management:** Our structure enabled real-time adjustments to manpower and scope allocation, ensuring optimal utilization and continuous support to critical-path activities.
- **Strong local operational support:**
close coordination with the client and seamless site execution.
- **Responsive supplier network:**
unforeseen demands, reducing delays and improving efficiency.
- **Global technical backing:** Field execution was continuously supported by our global technical team, bringing extensive experience in similar scopes and ensuring high-quality decision-making.

WHAT STOOD OUT — PROCESS & COMMUNICATION

- **Proactive and transparent communication:** Day-to-day alignment with the client enabled fast decision-making and clear visibility on progress and challenges throughout the project.
- **Agility in execution:** LMI's ability to quickly adapt to changing conditions and priorities onboard was a key differentiator in maintaining schedule adherence.
- **Integrated approach:** By combining local execution, supplier responsiveness, and global technical expertise, LMI provided a seamless, coordinated service delivery model that added significant value to the project outcome.

RESULTS & OUTCOMES

The project delivered strong measurable performance and meaningful qualitative impact for both Seadrill and Loadmaster Industries.

Measurable Metrics:

- Final revenue was more than 2x higher than initial POs issued, reflecting the phased PO approval structure while remaining aligned with the original project estimate.
- Project effectively delivered on budget — full scope execution achieved within the original estimate.
- ~60 days of continuous operations supporting multiple complex scopes in parallel.
- Successful execution of riser and pipe catwalk overhaul, mud pump overhaul, and vacuum degasser replacement within the planned timeframe.

Qualitative Results:

- **Improved execution efficiency:**
reduced interface challenges.
- **Greater operational flexibility:** LMI's ability to quickly adapt to changing priorities and emergent demands onboard was consistently recognized by the client.
- **Faster response times:** The strong local supplier network and operational support framework allowed agile and effective problem-solving throughout the project.
- **Enhanced client confidence:**
with Seadrill.
- **Business growth & new opportunities:**
Seadrill, including ongoing discussions for additional scopes on the West Tellus — now transitioning to onshore execution in Brazil.
- **Stronger market positioning in Brazil:** This project marked LMI's first execution through its local entity in Brazil, serving as a successful market entry and demonstrating capability to deliver locally with global standards.

PROJECT PHOTOGRAPHS — PIPE CATWALK OVERHAUL

The following photographs were taken during overhaul operations aboard the West Tellus, documenting the Pipe Catwalk scope execution performed by the LMI team.



Figure 1 — LMI technician performing welding and grinding on Pipe Catwalk structural members aboard the West Tellus



Figure 2 — LMI crew conducting close inspection and mechanical work on the Pipe Catwalk rail assembly

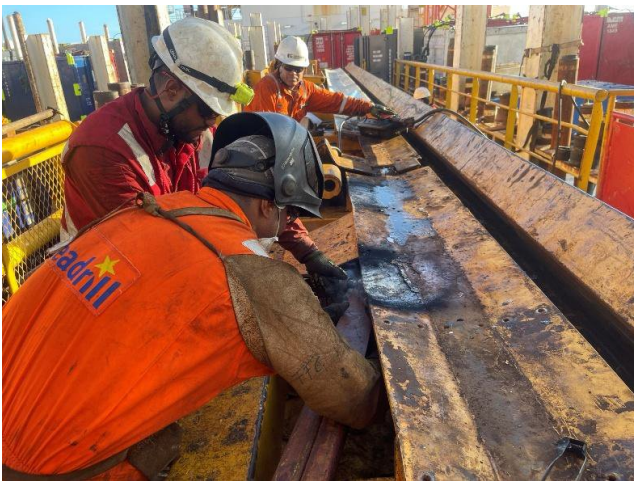


Figure 3 — Multi-technician team performing detailed inspection and repair of the Pipe Catwalk structure



Figure 4 — LMI technicians handling and positioning catwalk hydraulic cylinders reassembly aboard the West Tellus

PROJECT PHOTOGRAPHS — MUD PUMP OVERHAUL

The following photographs document the Mud Pump Overhaul scope performed by LMI aboard the West Tellus, covering full disassembly, component inspection, rebuild, and reassembly operations.



Figure 5 — LMI technicians performing disassembly and bearing removal on the mud pump crankshaft end during overhaul

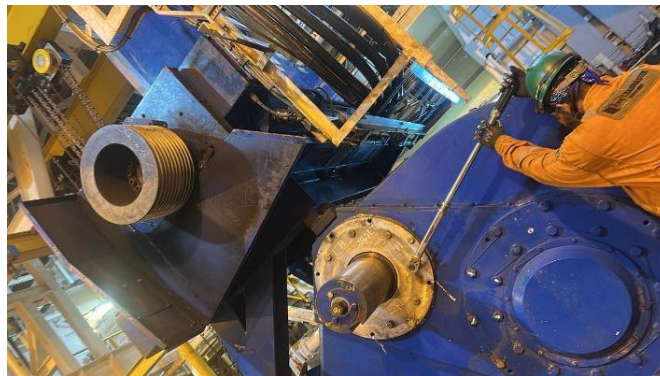


Figure 6 — Close-up view of mud pump gear assembly and crankshaft and components during disassembly inspection

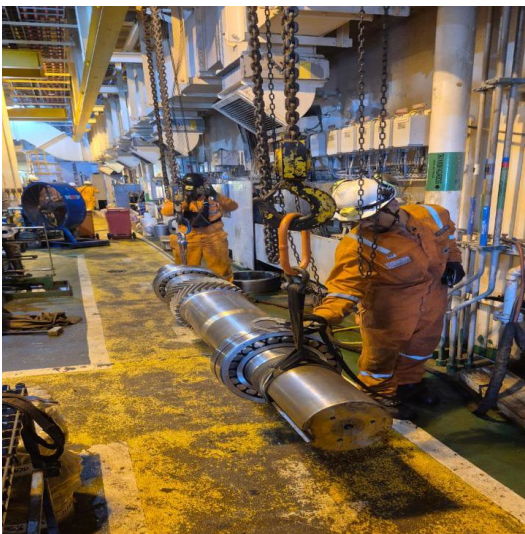


Figure 7 — LMI crew using chain hoists to handle and position the mud pump crankshaft assembly during overhaul

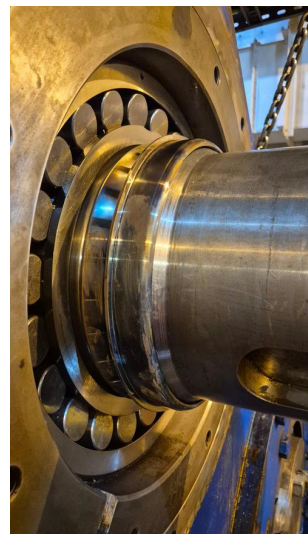


Figure 8 — Detail view of mud pump crankshaft bearing journal and roller bearing assembly following inspection

PROJECT PHOTOGRAPHS — VACUUM DEGASSER REPLACEMENT

The following photographs document the Vacuum Degasser Replacement scope performed by LMI aboard the West Tellus, including removal of the existing unit, pipe modifications, and installation.



Figure 9 — Existing vacuum degasser vessels in-situ prior to removal, showing LP Mud system piping and surrounding equipment layout



Figure 10 — LMI welder performing pipe modification and connection work on the degasser suction and discharge lines



Figure 11 — LMI technicians conducting cutting and grinding operations on the degasser piping system

KEY TAKEAWAYS

The biggest win was the successful delivery of multiple complex scopes within a constrained timeframe, while maintaining safety, flexibility, and efficiency throughout execution. Beyond the operational success, the project validated the strength of LMI's integrated model — combining a multi-skilled local team, a strong supplier network, and global technical support.

The project also yielded valuable lessons learned, already being translated into improvements in LMI's processes, planning, and execution strategy for future projects. Strategically, it marked LMI's first project executed through its Brazil local entity — demonstrating local delivery capability at a global standard and generating new follow-on opportunities with Seadrill.

LMI CAPABILITIES DEMONSTRATED

This project highlights the breadth of Loadmaster Industries' in-house and locally deployed capabilities, including:

- Multi-scope project management — simultaneous execution of 4+ major equipment scopes
- Mud pump overhaul — full disassembly, inspection, rebuild and function testing
- Catwalk systems overhaul — riser and pipe catwalk structural repair and mechanical overhaul
- Vacuum degasser replacement — removal, supply coordination and installation of new unit
- Multi-skilled workforce deployment — dynamic reallocation across scopes as priorities evolved
- Adaptive workforce management and real-time scope allocation
- Local supplier network management — rapid response to urgent procurement requirements
- Global technical support integration — expert backing throughout field execution
- HSE compliance across multi-discipline, multi-shift operations
- Client coordination and proactive communication — daily alignment with Seadrill
- First-time local entity execution in Brazil — demonstrating global-standard local delivery
- Complete documentation and project reporting package delivery

CLIENT TESTIMONIAL

"Working with Seadrill on the West Tellus project was a key milestone for Loadmaster Brazil. It demonstrated our ability to deliver complex scopes locally with flexibility, strong execution, and the support of our global technical team. Despite the challenges, the project strengthened our processes and reinforced our commitment to continuous improvement. It also created a solid foundation for future opportunities and long-term collaboration."

Fabiana Teixeira — General Manager, Loadmaster Industries Brazil

LOADMASTER INDUSTRIES, LLC

Broussard, Louisiana | Full-Service Heavy Equipment Overhaul & Inspection

For more information about our capabilities, please contact your LMI representative.