



# CASE STUDY

## TRADES PROJECT GREATER WESTERN FLANK PHASE 1

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**CLIENT:** Woodside Energy Ltd

**FACILITY:** Goodwyn Alpha

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## 1 / Introduction

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A 30 month execution phase providing Rope Access Trade support and safety netting installation/management to support the Greater Western Flank Project. Vertech supplied all specialist tooling and equipment, personnel and project support to effectively, efficiently and safely manage and complete this complex and challenging project.

Vertech was engaged by Woodside Energy limited along with Transfield Worley to provide specialist Rope Access, Rigging, lifting and scaffolding support to execute the installation of safety netting and under deck structures to support tie-back recovery of gas/condensate from 5 subsea production wells to Woodside's GWA offshore platform as a part of the Greater Western Flank Phase 1 project.

In addition, Vertech offshore personnel were able to successfully execute modifications to the GWA platform to support the newly connected wells, including installation of additional pipework, modernisation of chemical systems, retrofitting of riser pipes, and additional control functions.

## 2 / Innovation / Improved Safety

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Throughout the execution of the project, Vertech successfully implemented the following innovations which lead to improved project efficiency and cost savings to the client:

- Elimination of Support Vessel: Vertech's status as an IRATA accredited Rope Access provider allowed for the elimination of a support vessel to be in place during over the side works. Our highly skilled Rope Access supervisors ensured that potential risks associated with execution of over the side works were effectively eliminated, which lead to flexibility

in project schedule and overall cost savings for the client.

- Safety Netting: During the early phases of the project, Vertech successfully implemented large areas of safety netting the underside of the GWA platform. Vertech's in house engineering capabilities allowed for the development of bespoke engineered safety netting designs, netting management plans and materials handling. This further reduced the requirement for stand by vessel support for over the side work, leading to significant cost savings for the client.



## 3 / Improved Project Efficiency

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In addition to Vertech Rope Access personnel mitigating the requirement for over the side vessel support, our fully integrated Rope Access trades/inspection personnel ensured that multi-disciplined teams were mobilised to provide a full suite of skills, including:

- Advanced Rigging
- Advanced Scaffolding

- Level 3 IRATA Rope Access Supervisors
- NDT Inspectors
- EEHA technicians

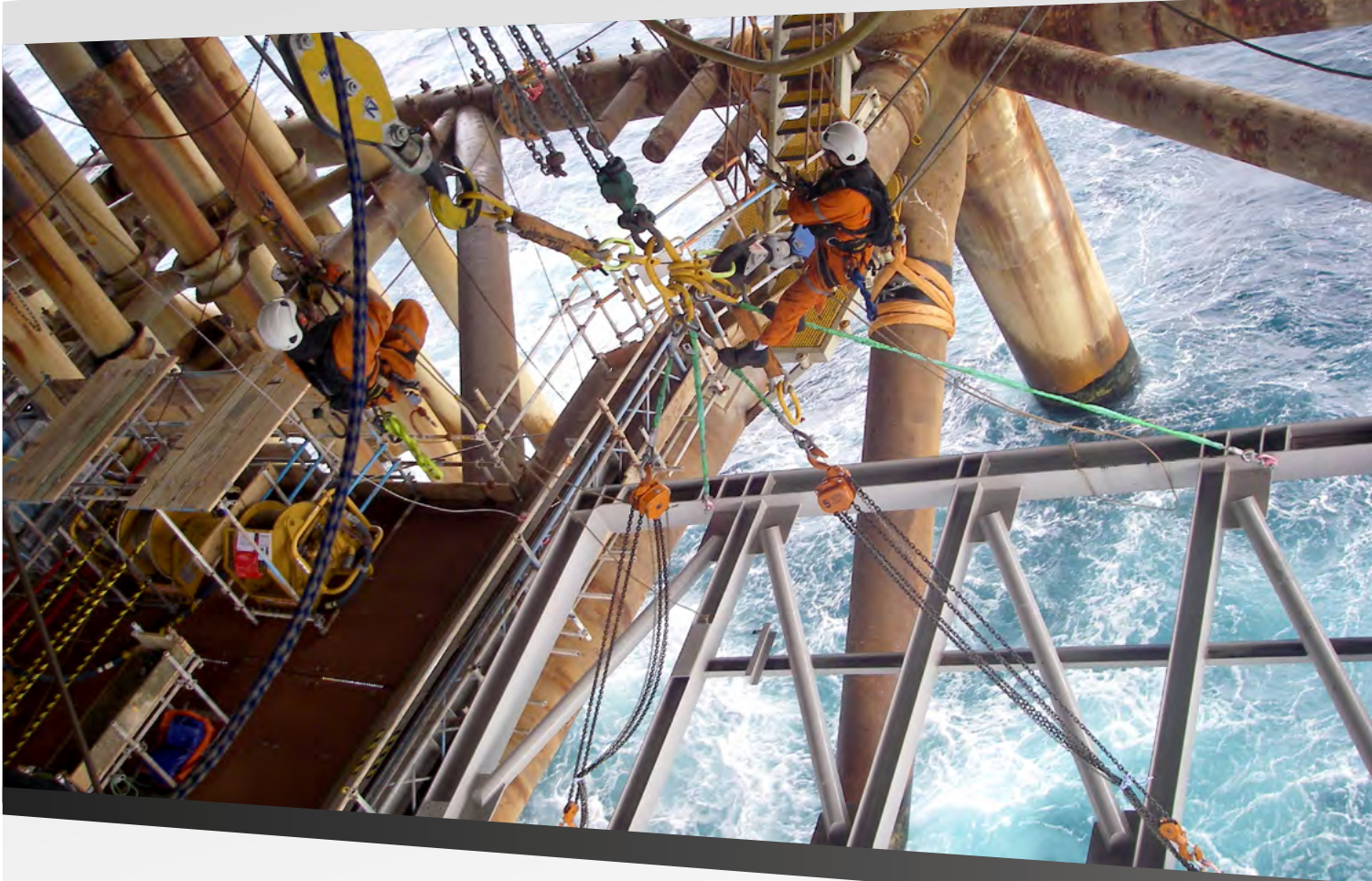
By providing a multi-skilled team, Vertech were further able to provide project schedule and cost efficiencies by allowing flexibility and reducing POB.

## 4 / Project Summary

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Despite numerous considerations and a high level of environmental and safety controls, Vertech were successfully able to support this complex project within the allowed timeframe surpassing expectations and illustrating what a well-managed Rope Access Trade/ Inspection company can achieve.

Vertech worked closely with the client and stakeholders through the execution phase to ensure a smooth delivery which in turn allowed our teams to execute the work with the best possible lift plans, safety management and change management processes in place.



## 5 / Reference Contact Details

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