

CASE STUDY

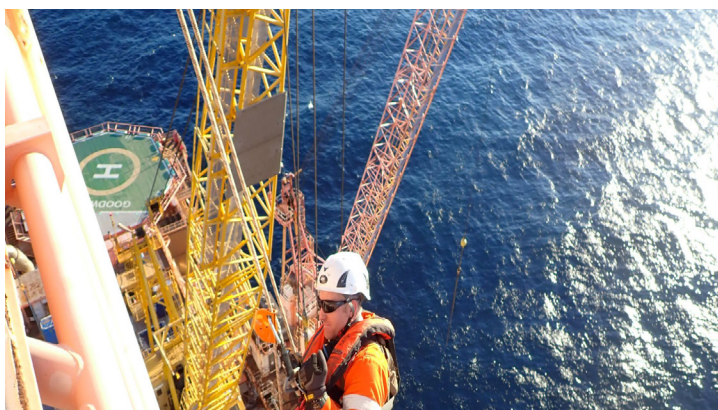
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GWA TURNAROUND



1 / Introduction

Vertech was tasked with replacing an exhaust stack and remediating the structure of a flare tower during a 28-day turnaround at the GWA (Goodwyn Alpha) platform. Despite the challenging circumstances imposed by the Coronavirus lockdowns, the highly skilled and multidisciplinary team, which

included IRATA rope access, mechanical, rigging, inspection, electrical, coatings and scaffolding personnel, accomplished the task. The project's success was primarily due to the competent site-based leadership, ensuring this shutdown's effective and safe delivery.

2 / Innovation

Vertech's innovative approach to project management shone through as the company assembled a project team and commenced planning with Woodside Energy and their EPCM within a five-week notice period, all amid strict lockdowns due to the Coronavirus pandemic. Vertech carried out various activities to fulfil the scope of work, including project scheduling, HAZID workshops, work pack preparation, and equipment mobilisation. A critical, innovative aspect was the onshore inspection of materials for the Exhaust

Stack at Karratha Supply Base, optimising the use of resources while maintaining project integrity.

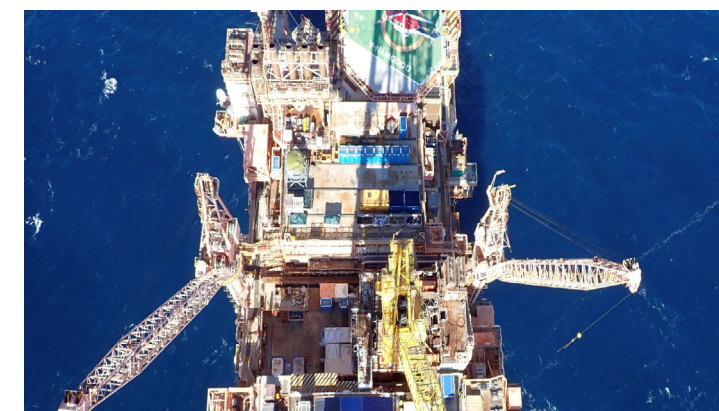
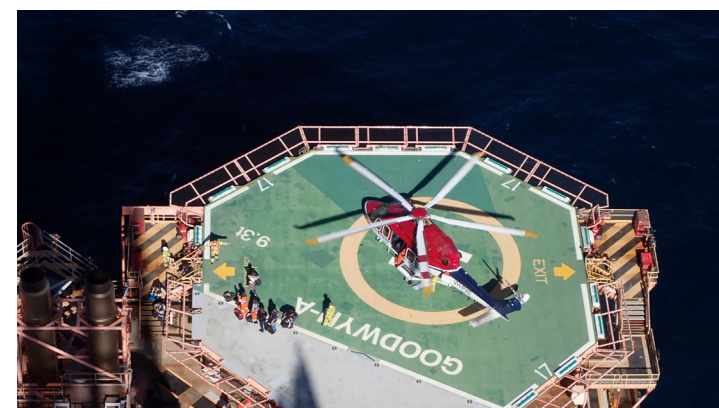
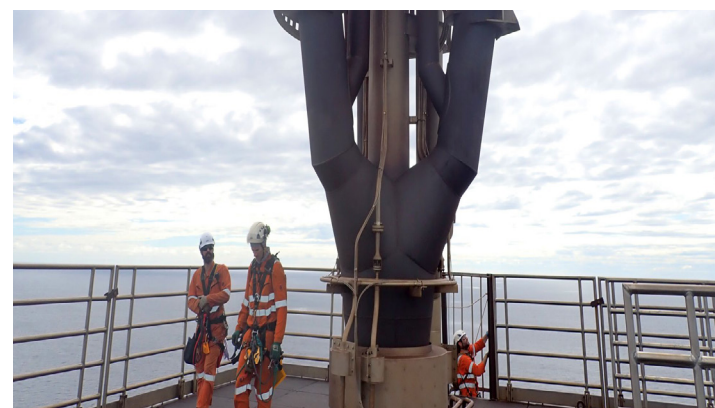
Vertech also collaborated closely with the client's Integrated Activity Planners (IAP) to align their efforts with the broader project objectives. Moreover, Vertech conducted project briefings, hazard discussions, and client-specific Verification of Competency assessments (VOCs) to ensure the safety and proficiency of all personnel involved.

3 / Project Summary

The GWA Turnaround's scope involved the Turbine Exhaust Stack's removal and replacement, fabric maintenance, and inspection scopes on the Goodwyn Alpha Flare tower. Delivery of mechanical and inspection scopes was required within a shortened planning phase and a fixed execution window. Despite these constraints, all scopes of work were completed within the agreed turnaround window and under budget by \$12,000, showcasing

Vertech's ability to deliver results effectively and efficiently, even under challenging circumstances.

The exhaust stack, a crucial component for safely disposing of high-temperature exhaust, was over 20 years old and had started to show signs of wear and tear. Vertech's intervention ensured that the structure was returned to a safe operational standard, effectively mitigating potential safety risks.



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