

CASE STUDY

OFFSHORE DRILLING - SEMI SUB MANAGEMENT

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VERTECH

INTRODUCTION

Over a three-year period, Vertech was engaged to oversee the inspection and compliance of all lifting equipment and drill handling tools for an offshore semi-submersible facility. In addition to this core scope, Vertech undertook various specialised tasks, including dropped object surveys, derrick inspections, crane assessments, and a range of rope access maintenance activities.

PROCESS

At the heart of Vertech's approach was the use of ViiPER.net, a proprietary online management system developed in-house. This tool offered real-time tracking, automated reporting, and seamless work pack creation—cutting planning and reporting times by up to 80%. Vertech deployed multi-skilled rope access teams to perform comprehensive inspections, including DROPS and API 4G derrick checks, lifting equipment assessments to NATA and AS standards, and non-destructive testing (NDT) techniques such as Magnetic Particle, Eddy Current, Ultrasonic, and Dye Penetrant Testing.

OUTCOME

Vertech's integrated and proactive approach enhanced safety performance while delivering significant cost and time savings for the client. Their high-mobility teams also carried out specialised maintenance tasks—from hydraulic hose replacements to electrical installations—demonstrating a holistic and adaptable capability. The result was a highly efficient and compliant operational environment, setting a strong benchmark in offshore asset management.

