

CASE STUDY

OFFSHORE ASSET CONSTRUCTION BASELINE

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VERTECH

INTRODUCTION

Vertech was awarded a contract to provide baseline class inspection services for two offshore floating facilities under construction in South Korea. These inspections were crucial in supporting the long-term integrity of the Ichthys Project, designed for a 40-year operational life. The work required a streamlined, well-documented approach that aligned with the project's tight schedule and classification requirements.

PROCESS

Vertech prioritised hull and tank inspections to establish critical benchmarks for future operational inspections. Their methodology included detailed mapping of inspection areas, identification of zones requiring specialised access, and the development of accurate estimates for future resource planning. Beyond technical execution, Vertech's team produced comprehensive project documentation—encompassing the scope of work, project management plans, and safety protocols—to ensure clarity and consistency throughout the project. A team of nearly 40 experts, including rope access technicians, NDT specialists, and inspection engineers, deployed a suite of non-destructive testing techniques to deliver high-quality data aligned with industry standards.

OUTCOME

Vertech's adaptable and safety-focused execution earned high praise from the client, who highlighted their responsiveness to changing schedules, accuracy in reporting, and proactive issue resolution. The data gathered informed future in-service inspection strategies and helped shape critical management tools. Vertech's approach, including the creation of a detailed HAZIDs directory for each tank, underscored their forward-thinking and collaborative ethos—cementing their position as a trusted inspection partner for future phases of the project.

