

CASE STUDY

VERTECH GROUP

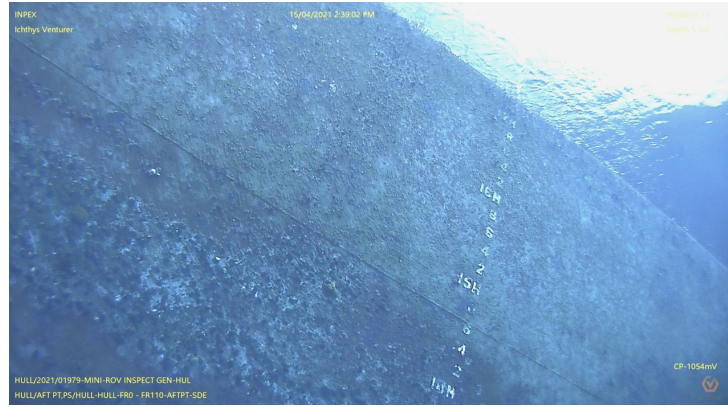
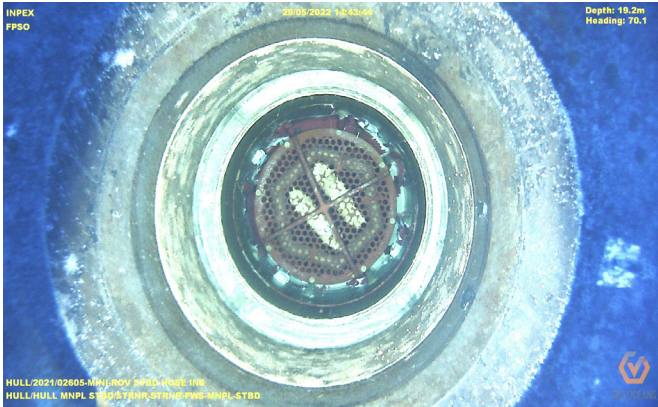
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ICHTHYS VENTURER FPSO ROV UWILD



1 / Introduction

Geo Oceans was entrusted with executing an in-water survey on board the INPEX Ichthys Venturer FPSO. This endeavour was necessitated by the requirements of independent verification bodies’

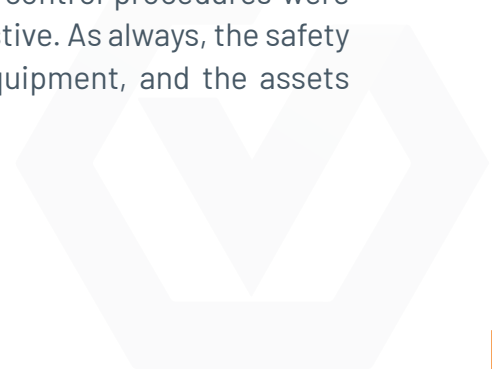
Classification. Across multiple phases, in tandem with INPEX’s project scheduling, the project was carried out efficiently without significant disruptions to FPSO’s regular operations.

2 / Innovation

Geo Oceans’ approach was underscored by strategically mobilising their experienced and multi-skilled personnel across various campaigns. This ensured that the tasks were meticulously planned around the continuous FPSO operations. An essential aspect of Geo Oceans’ strategy was its commitment to redundancy throughout all campaigns. Furthermore, operations were astutely scheduled around favourable tidal conditions, ensuring the project’s objectives were met within safe and permissible limits. In addition to the primary scope, Geo Oceans proactively engaged in emerging tasks such as debris removal and Non-Destructive Testing

(NDT) on critical asset components, reinforcing their comprehensive approach and emphasising their commitment to asset safety and longevity.

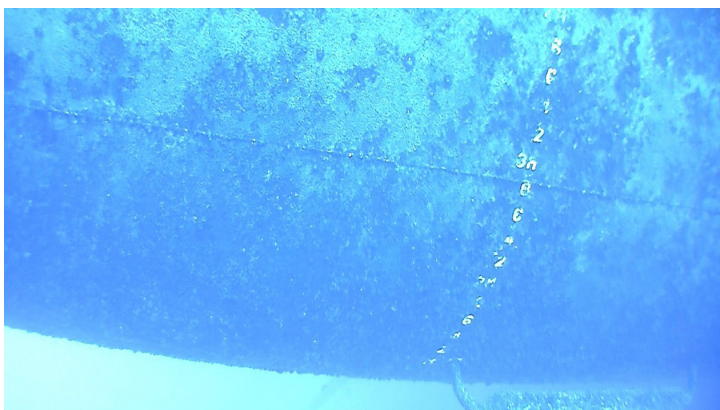
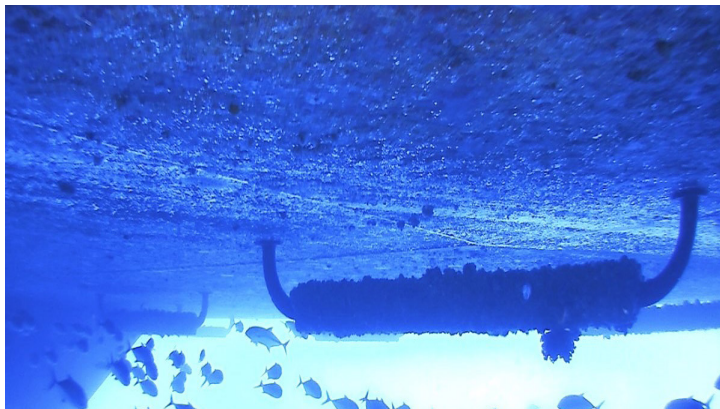
The project’s complexity was amplified given the need to deploy the Remotely Operated Vehicle (ROV) across various points on the asset, including in confined areas and near delicate equipment. This necessitated that Geo Oceans’ planning, risk assessment, and hazard control procedures were both rigorous and exhaustive. As always, the safety of the personnel, the equipment, and the assets was paramount.



3 / Project Summary

Geo Oceans' collaboration with INPEX was central to the success of this project. Their shared dedication to continuous improvement ensured that the tasks were completed and executed as efficient and dependable solutions, per the DNV Classification criteria set by the independent verification body. One of the primary outcomes of this endeavour was the significant cost savings realised by the client, as the project eliminated the need for deploying commercial divers or larger work-class ROVs. Engaging with the challenges posed by INPEX also

had a silver lining for Geo Oceans. It allowed them to innovate and develop advanced tooling, augmenting their capabilities for future asset-deployed ROV operations.



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