sets





1. Problem Statement

Utilisation of dive support vessels (DSVs) to fix and repair subsea structures on fixed assets is time sensitive, expensive and often inaccurate. Application of the principles of subsea standardisation/fit for purpose offers the potential to test interventions which do not involve DSVs.

2. Aims

- Apply the principles of subsea standardisation to brace repairs and identify a fit-for-purpose approach.
- De-risk an alternative intervention both commercially and technically in order to deliver the most efficient solution to meet the client's requirement.
- Reduce operational expenditure (OpEx) by challenging typical approach and methods.

3. Method

- The SETS team worked with the project team early on to review the project scope and applied the standardisation principles to identify opportunities for improvement. The scope was then revisited and reworked with a more realistic consideration of risk.
- A focus on commercial risk was introduced.

4.Impact

Early involvement and application of a standardised/'fit-for-purpose' approach resulted in:

- Elimination of non-productive time
- Consideration of all technical and commercial contingencies before the DSV left the harbour wall
- Reduction of DSV requirement by 11 days
- Work-scope successfully delivered with considerable cost and time savings.

Total hours saved

264 DSV hours saved Total savings anticipated

£1 million +

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