

Targeted condition survey for UK oil and gas major

Utilising James Fisher Subtech's (JF Subtech's) air diving capability and remotely operated vehicle (ROV), the team successfully inspected the entire underwater marine jetty infrastructure and completed a targeted condition survey to closely inspect structural condition of piles, jetty legs and associated structures in a busy tidal estuary.

Project scope	Inshore air diving and ROV operations
Location	Near Southampton, Hampshire, UK
Start date	2 October 2022
End date	21 October 2022

The results and benefits

- The three week project was safe and successful, with zero incidents or accidents, seeing diving and ROV data being processed and delivered to the customer on time, enabling them to plan follow on maintenance and repair works

The challenge

- Operating in a highly legislated environment (oil and gas safety) required divers and diving supervisor to be IMCA qualified and suitably experienced
- The height, design of the jetty and immediate location meant that access to the worksite was by sea
- Due to the diving site being approximately 20 minutes from the diving vessel berth, the team had to carefully consider their casualty evacuation plan to ensure that the safest operating procedures were in place throughout

The solution

- By using JF Subtech's in-house diving support daughter craft, Calmar, the team were able to operate both ROV and diver without needing shore access and operated independently throughout
- JF Subtech placed a decompression chamber at a local marina which provided safety cover in the event of a diving emergency requiring hyperbaric treatment

