

Bespoke steel frame design and fabrication

Oil and gas



James Fisher Subsea's diving equipment division, Marine and Diving Services (M&DS) undertook the successful design and fabrication of a steel frame structure to house an innovative offshore oil in water analyser.

Working closely with its sister company ScanTech Offshore, M&DS had to design and fabricate a robust solution to permanently house ScanTech's award winning HeaterSentry system. The system is designed for an offshore application and will be subject to extreme conditions during the well-test process, highlighting the importance to deliver a fit for purpose design and fabrication solution.

Ensuring that the steel frame was fully compliant for offshore use, it was designed and fabricated in accordance with DNV 2.7-1. This was completed in-house and enabled M&DS to provide an inherently safe and secure solution safeguarding against its customer's asset.

The system also included a DNV approved lifting set, which provides a safe lifting solution to support offshore mobilisation and in operation manoeuvrability, enabling certified control and flexibility in its application.

To manage the bespoke design and fabrication of the frame, the project was delivered through a single point of contact where the dedicated member of the M&DS team ensured the accurate delivery of the system in accordance with the specific requirements of the customer.



Services:



Bespoke design



Manufacture



Project management