

CASE STUDY:

Full Subsea Distribution System for North Sea Tie-Back



The Background

J+S Subsea was awarded a competitive tender against the OEM and others to deliver the full electrical and hydraulic distribution scope for a single well tie-back to a mature North Sea asset.

The client required a reliable, cost-effective solution that could integrate with existing infrastructure while reducing reliance on OEM equipment.



The Results

The system was delivered to specification and successfully integrated with the existing field. Reduced reliance on OEM equipment improved flexibility and long-term support.

The design also improved maintainability and supported efficient installation within the project schedule.



The Project

J+S Subsea delivered full design, manufacture and test scope for the SDU, EDBs, EFLs and HFLs, and worked closely with a trusted supplier to deliver the infield umbilical.

All systems were designed in house, using aftermarket interface solutions to reduce OEM dependency. Components were assembled and tested in house to ensure quality and integration prior to delivery.

The EDBs were mounted externally on the SDU to improve access for future inspection and maintenance. The project was managed through design, manufacture, testing, SIT and installation support.



In-house design, assembly and testing



Reduced OEM reliance



Improved maintainability via external EDBs



Delivered on time

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