

Full EPC Scope – Stair Replacement

Aurora replaced an aging stairways on North Sea offshore assets – a strategic solution to combat significant corrosion of structural steel components. With offshore installation costs high, full stairway replacement is more cost-effective than repeated individual repairs.

This is one of several stairway replacement undertaken, with Aurora delivering the full EPC scope – from survey and engineering to design, fabrication, and offshore installation. Rope access methods were employed to ensure a safe, efficient, and cost-conscious execution in a challenging offshore environment.

Our Solution

The solution delivered was the use of rope access construction methods, enabling critical offshore works to be carried out without the need for large-scale scaffolding or heavy lifting equipment.

This innovative approach offers several key benefits:

- It allows for rapid mobilisation and setup, reducing project start times.
- Work can be completed in confined or difficult-to-access areas with minimal disruption.
- Overall costs are significantly lowered by reducing equipment needs and increasing efficiency.

At a Glance

Value to client

The project delivered significant value to the client by providing a cost-effective solution for full stairway replacement. By avoiding repeated individual repairs, operational disruptions were minimised, long-term integrity was improved, and offshore safety was enhanced.

This approach offers a smarter and more sustainable way to manage aging infrastructure, ensuring continued asset reliability and reduced maintenance costs. Aurora's solution is efficient, scalable, and designed to support long-term operational performance.

