

# Wet Gas Pipework

Aurora successfully delivered a Wet Gas process piping replacement project on an offshore asset in the North Sea. The scope involved laser surveying and scanning, engineering, design, fabrication, and offshore construction. A total of 300 metres of 14" duplex steel pipework was replaced, comprising 89 spools and 23 supports. The project required a fully integrated approach to meet tight schedule demands and ensure high-precision execution in a complex offshore environment.

## Our Solution

Aurora delivered a fully integrated in-house solution that enabled

- Parallel execution of survey, design, fabrication, and offshore installation
- Streamlined scheduling, reducing overall project duration.
- High-precision fabrication using duplex steel to enhance system durability.

## At a Glance

### Challenges

- Digital Marketing & SEO Rank
- Project Design & Engineering
- Data Analysis & Data Visualization
- Technical System Support

### Value to client

The project delivered significant value by minimising operational disruption through efficient planning and parallel workflows. Aurora's end-to-end approach—from laser scanning and design through to offshore construction—ensured accurate execution and reduced rework.

The use of duplex steel provided enhanced corrosion resistance, supporting the long-term integrity of the asset. This smart, coordinated approach enabled successful delivery of a complex Brownfield modification within critical time constraints.

