

Water Injection Pipeline Sleepers

Objectives

Aurora successfully delivered the fabrication and delivery of four 30-metre water injection pipeline sleepers for a North Sea Development, led by a renowned subsea firm and an established O&G operator. The project scope included full fabrication, NDT, coatings, and markings to supplied drawings, followed by complex logistics and transportation to Lerwick. Final assembly was completed quayside ahead of offshore installation. The project was delivered on time, on schedule, and with zero incidents or quality issues.

Our Solution

Aurora delivered a turnkey fabrication and delivery solution that included:

- Fabrication & Quality Assurance – Precision fabrication of 4 × pipeline sleepers, including full NDT inspection, protective coatings, and client-specific markings.
- Specialist Logistics – Transport of large sections by road and ferry to Lerwick, ensuring components were delivered in transportable sizes for safe handling.
- Onsite Assembly & Support – Completion of final fabrication at Lerwick quayside, with Aurora's team staying on site to accommodate late design changes requested by the client.



At a Glance

Challenges

The project required:

- Coordinating the transport of oversized structures via mixed road and ferry logistics.
- Onsite assembly within limited quayside space.
- Rapid response to last-minute design changes, requiring flexible deployment of Aurora's team in Lerwick.

Value to client

Aurora created significant value by:

- On-Time Delivery – All pipeline sleepers completed and delivered to contract schedule.
- Zero Incidents & Zero Quality Issues – Project executed safely and to the highest standards.
- Flexibility & Responsiveness – Aurora's team remained on site to address design changes at short notice, ensuring no impact on schedule.
- Reliable Offshore Readiness – Fully fabricated and tested sleepers enabled seamless integration into the offshore pipeline scope.